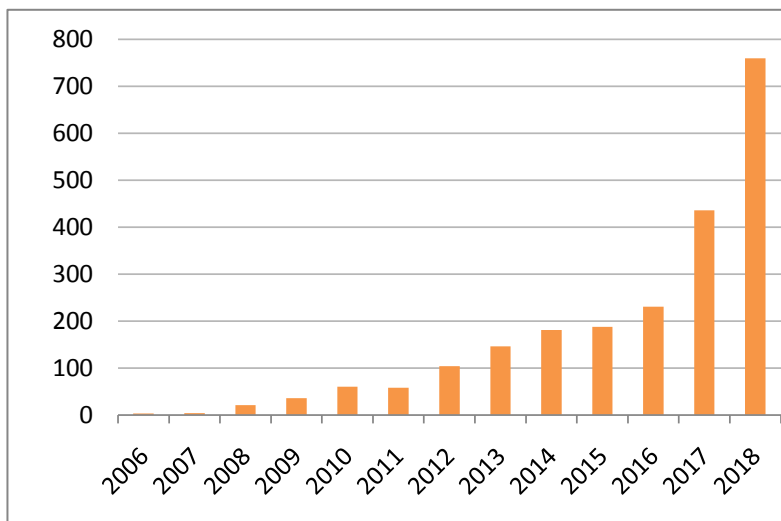


Publication Citations with abm Products

By the end of December 2018, **abm**'s products have been cited in over 2200 publications and the publication list is growing at an exponential rate! (see Figure below).



The following is the list of compiled comprehensive and up-to-date publications citing our products. The list of publications includes those in high-impact journals like Cell, Nature, and Science etc.

Year	Title	Journal	Page	Volume	Issue	Pubmed ID or DOI	Authors
2019	Ivabradine abrogates TNF- α -induced degradation of articular cartilage matrix	International immunopharmacology	347-353	66	-	10.1016/j.intimp.2018.11.035	Xiang et al.
2019	miR-106a contributes to prostate carcinoma progression through PTEN	Oncology Letters	1327-1332	17	1	10.3892/ol.2018.9697	Lu et al.
2019	Effects of 9-cis-retinoic acid on the proliferation and apoptosis of cutaneous T-cell lymphoma cells	Anti-Cancer Drugs	56-64	30	1	10.1097/CAD.0000000000000692	Yang et al.
2019	Multiform TiO ₂ nano-network enhances biological response to titanium surface for dental implant applications	Applied Surface Science	1041-1052	471	-	10.1016/j.apsusc.2018.11.244	Yang et al.
2019	Genetic diversity, core collection and breeding history of <i>Pleurotus ostreatus</i> in China	Mycoscience	14-24	60	1	10.1016/j.myc.2018.07.002	Li et al.
2019	Activation of PP2A and Inhibition of mTOR Synergistically Reduce MYC Signaling and Decrease Tumor Growth in Pancreatic Ductal Adenocarcinoma	Cancer Research	209-219	79	1	10.1158/0008-5472.CAN-18-0717	Allen-Petersen et al.
2019	Long non-coding RNA LOC284454 promotes migration and invasion of nasopharyngeal carcinoma via modulating the Rho/Rac signaling pathway	Carcinogenesis	-	-	-	10.1093/carcin/bgy143	Fan et al.
2019	TCF7L2 activated HOXA-AS2 decreased the glucocorticoid sensitivity in acute lymphoblastic leukemia through regulating HOXA3/EGFR/Ras/Raf/MEK/ERK Pathway	Biomedicine & Pharmacotherapy	1640-1649	109	-	10.1016/j.biopha.2018.10.046	Zhao et al.
2019	NF κ B and TNF α as individual key molecules associated with the cisplatin-resistance and radioresistance of lung cancer	Experimental Cell Research	181-188	374	1	10.1016/j.yexcr.2018.11.022	Zhu et al.
2019	Inhibition of AURKA Reduces Proliferation and Survival of Gastrointestinal Cancer Cells With Activated KRAS by Preventing Activation of RPS6KB1	Gastroenterology	35161-8	-	18	10.1053/j.gastro.2018.10.030	Wang-Bishop et al.
2019	Prospective comparison of (4S)-4-(3-18F-fluoropropyl)-L-glutamate versus 18F-fluorodeoxyglucose PET/CT for detecting metastases from pancreatic ductal adenocarcinoma: a proof-of-concept study.	Eur J Nucl Med Mol Imaging	-	-	-	10.1007/s00259-018-4251-5	Cheng et al.

2019	Combinatorial lentiviral gene delivery of pro oligodendrogenic factors for improving myelination of regenerating axons after spinal cord injury	Biotechnology and Bioengineering	155-167	116	1	10.1002/bit.26838	Smith et al.
2019	CRISPR/Cas9-Based Positive Screens for Cancer-Related Traits	Cancer Driver Genes	137-144	1907	-	10.1007/978-1-4939-8967-6_11	Slipek et al.
2019	Genome-wide long non-coding RNAs identified a panel of novel plasma biomarkers for gastric cancer diagnosis	Gastric Cancer	-	-	-	10.1007/s10120-018-00915-7	Zheng et al.
2019	Neuronal PAS domain 2 (Npas2) facilitated osseointegration of titanium implant with rough surface through a neuroskeletal mechanism	Biomaterials	62-74	192	-	10.1016/j.biomaterials.2018.11.003	Morinaga et al.
2019	Effect of viscoelasticity on interfacial stress transfer mechanism in the biocomposites: A theoretical study of viscoelastic shear lag model	Composites Part B: Engineering	297-308	164	-	10.1016/j.compositesb.2018.11.086	Wu et al.
2019	Identification of transthyretin as a novel interacting partner for the δ subunit of GABAA receptors	PLoS One	e0210094	14	1	10.1371/journal.pone.0210094	Zhou et al.
2018	Expression, Purification, and Biochemical Characterization of Human Afamin	Journal of Proteome Research	1269-1277	17	3	10.1021/acs.jproteome.7b00867	Altamirano et al.
2018	Lentiviral vector mediated-ASAP1 expression promotes epithelial to mesenchymal transition in ovarian cancer cells	Oncology Letters	4432-4438	15	4	10.3892/ol.2018.7834	Zhang et al.
2018	CDCA3 promotes cell proliferation by activating the NF- κ B/cyclin D1 signaling pathway in colorectal cancer	Biochemical and Biophysical Research Communications	196-203	500	2	10.1016/j.bbrc.2018.04.034	Zhang et al.
2018	DUSP1 is involved in the progression of small cell carcinoma of the prostate	Saudi Journal of Biological Sciences	858-862	25	5	10.1016/j.sjbs.2017.09.015	Zhang et al.
2018	The Transcription Factor ETV5 Mediates BRAFV600E-Induced Proliferation and TWIST1 Expression in Papillary Thyroid Cancer Cells	Neoplasia	1121-1134	20	11	10.1016/j.neo.2018.09.003	Puli et al.
2018	Loss of an Androgen-Inactivating and Isoform-Specific HSD17B4 Splice Form Enables Emergence of Castration-Resistant Prostate Cancer	Cell Reports	809-819	22	3	10.1016/j.celrep.2017.12.081	Ko et al.
2018	IRF-8 is Involved in Amyloid- β 1–40 (A β 1–40)-induced Microglial Activation: a New Implication in Alzheimer's Disease	Journal of Molecular Neuroscience	159-164	63	2	10.1007/s12031-017-0966-1	Zeng et al.
2018	KLF15 Regulates the Expression of MMP-3 in Human Chondrocytes	Journal of Interferon and Cytokine Research	356-362	38	8	10.1089/jir.2017.0135	Li et al.
2018	Intracellular biosynthesis of lipids and cholesterol by Scap and Insig in mesenchymal cells regulates long bone growth and chondrocyte homeostasis	Development	-	145	13	10.1242/dev.162396	Tsushima et al.
2018	Projection length stimulated by oxytocin is modulated by the inhibition of calcium signaling in U-87MG cells	Journal of Neural Transmission	1847-1856	125	12	10.1007/s00702-018-1933-x	Zatkova et al.
2018	Metadherin is an apoptotic modulator in prostate cancer through miR-342-3p regulation	Saudi Journal of Biological Sciences	975-981	25	5	10.1016/j.sjbs.2018.04.015	Hu et al.
2018	MiR-30b-5p modulates glioma cell proliferation by direct targeting MTDH	Saudi Journal of Biological Sciences	947-952	25	5	10.1016/j.sjbs.2018.02.015	Zhang et al.
2018	Loss of fragile X protein FMRP impairs homeostatic synaptic downscaling through tumor suppressor p53 and ubiquitin E3 ligase Nedd4-2	Human Molecular Genetics	2805-2816	27	16	10.1093/hmg/ddy189	Lee et al.
2018	Sevoflurane-induced neurotoxicity is driven by OXR1 post-transcriptional downregulation involving hsa-miR-302e	Molecular Medicine Reports	4657-4665	18	5	10.3892/mmr.2018.9442	Yang et al.
2018	Resistin Regulates Fatty Acid β Oxidation by Suppressing Expression of Peroxisome Proliferator Activator Receptor GammaCoactivator 1 α (PGC-1 α)	Cellular Physiology and Biochemistry	2165-2172	46	5	10.1159/000489546	He et al.
2018	Attenuation of cGAS-STING signaling is mediated by a p62/SQSTM1-dependent autophagy pathway activated by TBK1	Embo Journal	e97858	37	8	10.15252/embj.201797858	Prabakaran et al.
2018	Identification of inhibitors synergizing gemcitabine sensitivity in the squamous subtype of pancreatic ductal adenocarcinoma (PDAC)	Apoptosis	343-355	23	5-6	10.1007/s10495-018-1459-6	Er et al.
2018	The pleiotropic effects of TNF α in breast cancer subtypes is regulated by TNFAIP3/A20	Oncogene	469-482	38	4	10.1038/s41388-018-0472-0	Lee et al.
2018	miR-135a-5p Functions as a Glioma Proliferation Suppressor by Targeting Tumor Necrosis Factor Receptor-Associated Factor 5 and Predicts Patients' Prognosis	The American Journal of Pathology	162-176	189	1	10.1016/j.ajpath.2018.08.019	Luo et al.
2018	Suspended graphene oxide nanosheets maintain the self-renewal of mouse embryonic stem cells via down-regulating the expression of Vinculin	Biomaterials	1-11	171	-	10.1016/j.biomaterials.2018.04.017	Jing et al.

2018	Splicing factor SRSF1 promotes gliomagenesis via oncogenic splice-switching of MYO1B	Journal of Clinical Investigation	-	-	-	10.1172/JCI120279	Zhou et al.
2018	Genome-Wide Identification, Classification and Expression Analysis of the HSP Gene Superfamily in Tea Plant (<i>Camellia sinensis</i>)	Int. J. Mol. Sci.	2633	19	9	10.3390/ijms19092633	Chen et al.
2018	AMPK contributes to autophagosome maturation and lysosomal fusion	Scientific Reports	12637	8	1	10.1038/s41598-018-30977-7	Jang, M. et al.
2018	Clinical significance of C/D box small nucleolar RNA U76 as an oncogene and a prognostic biomarker in he	Clinics and Research in Hepatology and Gastroenterology	82-91	42	1	10.1016/j.clinre.2017.04.018	Wu et al.
2018	PDK2 induces cisplatin-resistance in lung adenocarcinoma via transcriptional regulation of CNNM3	Journal of Drug Targeting	1-11	-	-	10.1080/1061186X.2018.1550648	Hu et al.
2018	Targeting dual specificity protein kinase TTK attenuates tumorigenesis of glioblastoma	Oncotarget	3081-3088	9	3	10.18632/oncotarget.23152	Wang et al.
2018	Insonation of Systemically Delivered Cisplatin-Loaded Microbubbles Significantly Attenuates Nephrotoxicity of Chemotherapy in Experimental Models of Head and Neck Cancer	Cancers	-	10	9	10.3390/cancers10090311	Chen et al.
2018	Undermining ribosomal RNA transcription in both the nucleolus and mitochondrion: an offbeat approach to target MYC-driven cancer	Oncotarget	5016–5031	9	4	10.18632/oncotarget.23579	Rossetti et al.
2018	LncRNA HOXA AS2 positively regulates osteogenesis of mesenchymal stem cells through inactivating NF- κ B signalling	Journal of Cellular and Molecular Medicine	-	-	-	10.1111/jcmm.14034	Zhu et al.
2018	Cloning, characterization and in silico studies on abiotic stress responsive Hsp17.9 from <i>Prosopis cineraria</i>	Indian Journal of Plant Physiology	731-740	23	4	10.1007/s40502-018-0414-4	Kaur et al.
2018	Effects of Different Light Spectra on the Oocyte Maturation in Grass Puffer <i>Takifugu niphobles</i>	Development and Reproduction	175–182	22	2	10.12717/DR.2018.22.2.175	Choi et al.
2018	Hydroxytyrosol ameliorates insulin resistance by modulating endoplasmic reticulum stress and prevents hepatic steatosis in diet-induced obesity mice	Journal of Nutritional Biochemistry	180-188	57	-	10.1016/j.jnutbio.2018.03.018	Wang et al.
2018	Wnt signaling induces radioresistance through upregulating HMGB1 in esophageal squamous cell carcinoma	Cell Death & Disease	433	9	4	10.1038/s41419-018-0466-4	Zhao et al.
2018	Effects of cathepsin B on proliferation, activation, and melanin synthesis of human hair follicle melanocytes	Int J Clin Exp Med	8170-8175	11	8	ISSN:1940-5901/IJCEM0080420	Si et al.
2018	Targeting the MTF2–MDM2 Axis Sensitizes Refractory Acute Myeloid Leukemia to Chemotherapy	Cancer Discovery	1376-1389	8	11	10.1158/2159-8290.CD-17-0841	Maganti et al.
2018	Cigarette smoke stimulates the stemness of renal cancer stem cells via Sonic Hedgehog pathway	Oncogenesis	24	7	3	10.1038/s41389-018-0029-7	Qian et al.
2018	Degradation of selenoprotein S and selenoprotein K through PPAR γ -mediated ubiquitination is required for adipocyte differentiation	Cell Death Differ	-	-	-	10.1038/s41418-018-0180-x	Lee et al.
2018	Telomere association of <i>Oryza sativa</i> telomere repeat-binding factor like 1 and its roles in telomere maintenance and development in rice, <i>Oryza sativa</i> L.	BMP Reports	578–583	51	11	10.5483/BMBRep.2018.51.11.122	Byun et al.
2018	Antagonistic interactions between two MAP kinase cascades in plant development and immune signaling	EMBO Reports	e45324	19	7	10.15252/embr.201745324	Sun, T. et al.
2018	Egr2 overexpression in Schwann cells increases myelination frequency in vitro	Heliyon	-	4	11	10.1016/j.heliyon.2018.e00982	Tammia et al.
2018	Eukaryotic Initiation Factor 5B (eIF5B) Cooperates with eIF1A and eIF5 to Facilitate uORF2-Mediated Repression of ATF4 Translation	Int. J. Mol. Sci.	4032	19	12	10.3390/ijms19124032	Ross et al.
2018	Extracellular signal-regulated kinase (ERK) activation preserves cardiac function in pressure overload induced hypertrophy	Int J Cardiol	204-213	271	-	10.1016/j.ijcard.2018.05.068	Mutlak et al.
2018	CRISPR/Cas9-mediated genome editing induces exon skipping by complete or stochastic altering splicing in the migratory locust	BMC Biotechnology	60	18	1	10.1186/s12896-018-0465-7	Chen et al.
2018	Effects of a novel neonicotinoid insecticide cycloxaprid on earthworm, <i>Eisenia fetida</i>	Springer	14138-14147	25	14	10.1007/s11356-018-1624-z	Qi et al.
2018	Knockout of rapC Improves the Bacillomycin D Yield Based on De Novo Genome Sequencing of <i>Bacillus amyloliquefaciens</i> fmbJ	J Agric Food Chem	4422-4430	66	17	10.1021/acs.jafc.8b00418	Sun et al.
2018	blaKPC-2 and blaOXA-48 producing <i>Klebsiella pneumoniae</i> found in a Turkish hospital in the Balkans	African Journal of Microbiology Research	370-379	12	16	10.5897/AJMR2018.8841	Bukavaz et al.

2018	Exchange Protein Directly Activated by cAMP Modulates Ebola Virus Uptake into Vascular Endothelial Cells	Viruses	563	10	10	10.3390/v10100563	Drelich et al.
2018	Activation of hypoxia-inducible factor 1 attenuates periapical inflammation and bone loss	International Journal of Oral Science	N/A	10	12	10.1038/s41368-018-0015-0	Hirai, K. et al.
2018	Synthetic essentiality of metabolic regulator PDHKE1 in PTEN-deficient cells and cancers	BioRxiv: Preprint Server for Biology	-	-	-	10.1101/441295	Chatterjee et al.
2018	Poly-Gamma-Glutamic Acid (γ -PGA)-Based Encapsulation of Adenovirus to Evade Neutralizing Antibodies	Molecules	2565	23	10	10.3390/molecules23102565	Khail et al.
2018	GNIP1 E3 ubiquitin ligase is a novel player in regulating glycogen metabolism in skeletal muscle	Metabolism	177-187	83	-	10.1016/j.metabol.2018.02.005	Montori-Grau et al.
2018	Cardiac Fgf-16 Expression Supports Cardiomyocyte Survival and Increases Resistance to Doxorubicin Cytotoxicity	DNA and Cell Biology	43800	37	11	10.1089/dna.2018.4362	Wang et al.
2018	CAIX furthers tumour progression in the hypoxic tumour microenvironment of esophageal carcinoma and is a possible therapeutic target	Journal of enzyme inhibition and medicinal chemistry	1024-1033	33	1	10.1080/14756366.2018.1475369	Drenckhan et al.
2018	Functional roles and potential clinical application of miRNA 345 5p in prostate cancer	The Prostate	927-937	78	12	10.1002/pros.23650	Tinay et al.
2018	Cassette hybridization for vector assembly application in antibody chain shuffling	BioTechniques	269-274	65	5	10.2144/btn-2018-0031	Lai et al.
2018	FASN-TGF- β 1-PD-L1 axis contributes to the development of resistance to NK cell cytotoxicity of cisplatin-resistant lung cancer cells	BBA- molecular and cell biology of lipids	313-322	1863	3	10.1016/j.bbalip.2017.12.012	Shen et al.
2018	Alleviation of Murine Osteoarthritis by Cartilage Specific Deletion of Ikk α Bzeta	Arthritis & Rheumatology	1440-1449	70	9	10.1002/art.40514	Choi et al.
2018	Delivery of Sonic Hedgehog Gene Repressed Irradiation-induced Cellular Senescence in Salivary Glands by Promoting DNA Repair and Reducing	Theranostics	1159-1167	8	4	10.7150/thno.23373	Hai et al.
2018	HOXA10-AS: A novel oncogenic long non-coding RNA in glioma	oncol rep	2573-2578	40	5	10.3892/or.2018.6662	Dong et al.
2018	HOXA3 promotes tumor growth of human colon cancer through activating EGFR/Ras/Raf/MEK/ERK signaling pathway	Journal of Cellular Biochemistry	2864-2874	119	3	10.1002/jcb.26461	Zhang et al.
2018	Neuroendocrine differentiation contributes to radioresistance development and metastatic potential increase in non-small cell lung cancer	Biochimica et Biophysica Acta (BBA) - Molecular Cell Research	1878-1890	1865	12	10.1016/j.bbamcr.2018.09.005	Zhu et al.
2018	Inhibition of IL 6 JAK/Stat3 signaling in castration resistant prostate cancer cells enhances the NK cell mediated cytotoxicity via alteration of PD L1/NKG2D ligand levels	Molecular oncology	269-286	12	3	10.1002/1878-0261.12135	Xu et al.
2018	Interferonregulatoryfactor-8(IRF-8) regulates the expression of matrix metalloproteinase-13 (MMP-13) in chondrocytes	Cell Stress and Chaperones	393-398	23	3	10.1007/s12192-017-0849-y	Yang et al.
2018	Lin28a regulates neurogliogenesis in mammalian retina through the Igf signaling	Developmental Biology	113-128	440	2	10.1016/j.ydbio.2018.05.007	Xia et al.
2018	Weighted Gene Correlation Network Analysis (WGCNA) Detected Loss of MAGI2 Promotes Chronic Kidney Disease (CKD) by Podocyte Damage	Cellular Physiology and Biochemistry	244-261	51	1	10.1159/000495205	Zuo et al.
2018	Cognitive improvement following ischemia/reperfusion injury induced by voluntary running-wheel exercise is associated with LncMALAT1-mediated apoptosis inhibition	International Journal of molecular medicine	2715-2723	41	5	10.3892/ijmm.2018.3484	Shang et al.
2018	Mitochondrial function requires NGLY1	Mitochondrion	43632	38	-	10.1016/j.mito.2017.07.008	Kong et al.
2018	Inflammation-induced mTORC2-Akt-mTORC1 signaling promotes macrophage foam cell formation	Biochimie	139-149	151	-	10.1016/j.biochi.2018.06.001	Banerjee et al.
2018	SKP2 Promotes Hepatocellular Carcinoma Progression Through Nuclear AMPKSKP2-CARM1 Signaling Transcriptionally Regulating Nutrient-Deprived Autophagy Induction	Cellular Physiology and Biochemistry	2484-2497	47	6	10.1159/000491622	Wei et al.
2018	SOX9 is a driver of aggressive prostate cancer by promoting invasion, cell fate and cytoskeleton alterations and epithelial to mesenchymal transition	Oncotarget	7604-7615	9	7	10.18632/oncotarget.24123	Francis et al.
2018	Itch/ β -arrestin2-dependent non-proteolytic ubiquitylation of SuFu controls Hedgehog signalling and medulloblastoma tumorigenesis	Nature Communications	976	9	1	10.1038/s41467-018-03339-0	Infante et al.
2018	Transcription factor 21 (Tcf21) promotes proinflammatory interleukin 6 expression and extracellular matrix remodeling in visceral adipose stem cells	Journal of Biological Chemistry	6603-6610	293	17	10.1074/jbc.RA117.000456	Akama et al.

2018	Transglutaminase 2 Induces Deficits in Social Behavior in Mice	Neural Plasticity	-	2018	-	10.1155/2018/2019091	Crider et al.
2018	TFF1 antagonizes TIMP 1 mediated proliferative functions in gastric cancer	Molecular Carcinogenesis	1577-1587	57	11	10.1002/mc.22880	Omar et al.
2018	Targeting USP22 Suppresses Tumorigenicity and Enhances Cisplatin Sensitivity Through ALDH1A3 Downregulation in Cancer-Initiating Cells from Lung Adenocarcinoma	Molecular Cancer Research	1161-1171	16	7	10.1158/1541-7786.MCR-18-0042	Yun et al.
2018	ANKHD1 silencing suppresses the proliferation, migration and invasion of CRC cells by inhibiting YAP1-induced activation of EMT	Americal Journal of Cancer Research	2311-2324	8	11	30555746	Yao, P. et al.
2018	Regulation of mitochondrial trifunctional protein modulates nonalcoholic fatty liver disease in mice	The Journal of Lipid Research	967-973	59	6	10.1194/jlr.M080952	Nassir et al.
2018	An Image-Based miRNA Screen Identifies miRNA-135s As Regulators of CNS Axon Growth and Regeneration by Targeting Krüppel-like Factor 4	Jneurosci - The Journal of Neuroscience	613-630	38	3	10.1523/JNEUROSCI.0662-17.2017	van Battum, E. Y. et al.
2018	EphrinB1 promotes cancer cell migration and invasion through the interaction with RhoGDI1	Oncogene	861-872	37	7	10.1038/onc.2017.386	Cho et al.
2018	Utilizing mass spectrometry imaging to map the thyroid hormones triiodothyronine and thyroxine in Xenopus tropicalis tadpoles	Anal Bioanal Chem	1333–1340	410	4	10.1007/s00216-017-0775-y	Goto-Inoue et al.
2018	The relation between human biomarkers and oxidative stress in Alzheimer's disease, novel in vivo experimental modelling possibilities	Thesis and Dissertation	-	-	-	http://doktori.bibl.u-szeged.hu/9739/1/doktori_t%C3%A9zis_OZ.pdf	Magdolna Pákási
2018	miRNA Regulation of the Hyperproliferative Phenotype of Vascular Smooth Muscle Cells in Diabetes.	Diabetes	2554-2568	67	12	10.2337/db17-1434	Torella et al.
2018	MicroRNA miR-509 Regulates ERK1/2, the Vimentin Network, and Focal Adhesions by Targeting Plk1	Scientific Reports	12635	8	1	10.1038/s41598-018-30895-8	Liao et al.
2018	Determining the role of tumor-derived leukemia inhibitory factor in cancer cachexia using a genetic approach	Thesis & Dissertation	-	-	-	https://open.bu.edu/handle/2144/32732	John Ganey
2018	Tumour derived leukaemia inhibitory factor is a major driver of cancer cachexia and morbidity in C26 tumour bearing mice	Journal of Cachexia, Sarcopenia and Muscle/	1109-1120	9	6	10.1002/jcsm.12346	Susan et al.
2018	RAGE mediates β -catenin stabilization via activation of the Src/p-Cav-1 axis in a chemical-induced asthma model	Toxicology Letters	149-158	299	-	10.1016/j.toxlet.2018.09.010	Zhao et al.
2018	Sulfatide decreases the resistance to stress-induced apoptosis and increases P-selectin-mediated adhesion: a two-edged sword in breast cancer progression	Breast Cancer Research	133	20	1	10.1186/s13058-018-1058-z	Suchanski et al.
2018	Enhancing the antiviral potency of ER α -glucosidase inhibitor IHVR-19029 against hemorrhagic fever viruses in vitro and in vivo.	Antiviral Res	112-122	150	-	10.1016/j.antiviral.2017.12.008	Ma et al.
2018	Regucalcin confers resistance to amyloid-btoxicity inneuronally differentiated PC12 cells	FEBS Open Bio	349-360	8	3	10.1002/2211-5463.12374	Murata et al.
2018	Tumor extracellular vesicles are required for tumor-associated macrophage programming	bioRxiv	-	78	13	10.1158/1538-7445.AM2018-1739	Rabe et al.
2018	Production of Living Nanoparticles for Blood Cancer Therapy	Thesis & Dissertation	-	-	-	https://scholarcommons.scu.edu/bioe_senior/80	Pierotti et al.
2018	The Epstein Barr virus circRNAome	PLoS pathogens	-	14	8	10.1371/journal.ppat.1007206	Ungerleider et al.
2018	Bovine α -Lactalbumin Hydrolysates (α -LAH) Ameliorate Adipose Insulin Resistance and Inflammation in High-Fat Diet-Fed C57BL/6J Mice	Nutrients	242	10	2	10.3390/nu10020242	Gao et al.
2018	Hydrostatic pressure-generated reactive oxygen species induce osteoarthritic conditions in cartilage pellet cultures	Scientific Reports	17010	8	1	10.1038/s41598-018-34718-8	Rieder et al.
2018	A Platform To Enhance Quantitative Single Molecule Localization Microscopy	J. Am. Chem. Soc.	12785-12797	140	40	10.1021/jacs.8b04939	Golfetto, O. et al.
2018	Adipose Tissue Transplantation Ameliorates Lipodystrophy-associated Metabolic Disorders in Seipin-deficient Mice	American Journal of Physiology	E54-E62	316	1	10.1152/ajpendo.00180.2018	Wang, H. et al.
2018	De novo transcriptome analysis revealed genes involved in flavonoid biosynthesis, transport and regulation in Ginkgo biloba	Industrial Crops and Products	226-235	124	-	10.1016/j.indcrop.2018.07.060	Wu et al.
2018	Role of thyroid transcription factor-1 in transcriptional regulation of heme oxygenase-1	Biochemical and Biophysical Research Communications	147-152	496	1	10.1016/j.bbrc.2018.01.014	Jeong et al.

2018	Plant-derived compounds regulate formation of the insect juvenile hormone receptor complex	Pesticide Biochemistry and Physiology	27-32	150	-	10.1016/j.pestbp.2018.06.013	Lee et al.
2018	MicroRNA-218-5p Promotes Endovascular Trophoblast Differentiation and Spiral Artery Remodeling	Molecular Therapy	2189-2205	26	9	10.1016/j.ymthe.2018.07.009	Brkic et al.
2018	Molecular mechanisms of UVinduced skin responses	Thesis & Dissertation	-	-	-	http://space.snu.ac.kr/bitstream/10371/140995/1/00000149350.pdf	Seok-jin Lee
2018	Transcriptome sequencing revealed candidate genes relevant to mesenchymal stem cells' role in aortic dissection patients	Molecular Medicine Reports	273-283	17	1	10.3892/mmr.2017.7851	Yang et al.
2018	Unraveling Deep Branches of the Sigmodontinae Tree (Rodentia: Cricetidae) in Eastern South America	Journal of Mammalian Evolution	1-22	-	-	10.1007/s10914-018-9444-y	Gonçalves et al.
2018	Etiology and functional validation of gastrointestinal motility dysfunction in a zebrafish model of CHARGE syndrome	The FEBS Journal	2125-2140	285	11	10.1111/febs.14473	Cloney et al.
2018	Fungal Biodiversity of Strawberry Fields in Aydin, TURKEY	International Journal of Secondary Metabolite	60-66	5	2	10.21448/ijsm.398367	Bıyık et al.
2018	Genetics and Genomics of an Unusual Selfish Sex Ratio Distortion in an Insect	Cell Press	3864-3870	28	23	10.1016/j.cub.2018.10.035	Hamilton et al.
2018	Presence of entA and entB Genes among Thermophilic Bacteria Isolated from Hot Springs in Turkey	Acta microbiologica Bulgarica	25	34	1	https://actamicrobio.bg/archive/march-2018/amb-march-2018-article-4.pdf	Başbülbul et al.
2018	VNUT and VMAT2 segregate within sympathetic varicosities and localize near preferred Cav2 isoforms in the rat tail artery	American Physiological Society	H89-H105	316	1	10.1152/ajpheart.00560.2018	Kalkhoran et al.
2018	Canker on culm of Bambusa multiplex (Lour.) Raeusch. ex Schult. caused by Fusariumincarnatum (Roberge) Sacc.	Journal of Phytopathology	672-678	100	4	10.1111/jph.12776	Huang et al.
2018	Occurrence and diversity of antibiotic resistance in untreated hospital wastewater	Elsevier	990-999	621	-	10.1016/j.scitotenv.2017.10.128	Wang et al.
2018	Oxytocin produces thermal analgesia via vasopressin-1a receptor by modulating TRPV1 and potassium conductance in the dorsal root ganglion neurons	The Korean Journal of Physiology and Pharmacology	173-182	22	2	10.4196/kjpp.2018.22.2.173	Han et al.
2018	Modulation of Physiologic Parameters in Molted Isa Brown Laying-Hens by Glutamine + Glutamic Acid Supplementation	Braz. J. Poult	255-262	20	2	10.1590/1806-9061-2017-0481	Morales et al.
2018	Molecular Detection and Characterization of Novel Lipase Genes of the Lipolytic Yeast Candida palmioleophila	Chemical Engineering Transactions	349-54	64	-	10.3303/CET1864059	Rodríguez-Mateus et al.
2018	Complementary Wnt Sources Regulate Lymphatic Vascular Development via PROX1-Dependent Wnt/β-Catenin Signaling	Cell Reports	571-584	25	3	10.1016/j.celrep.2018.09.049	Cha et al.
2018	The Superimposed Deubiquitination Effect of OTULIN and PRRSV Nsp11 Promoted the Multiplication of PRRSV	Journal of Virology	-	92	9	10.1128/JVI.00175-18	Su et al.
2018	Molecular Cloning and Effects of Tm14-3-3ζ-Silencing on Larval Survivability Against E. coli and C. albicans in Tenebrio molitor	Genes	-	9	7	10.3390/genes9070330	Han et al.
2018	Reduction of lipase activity in product formulations	US Patent	-	-	-	US9932591B2	Kelvin Lee, Abraham Lenhoff, Kristin Valente, Nick Levy, Yatin Gokarn
2018	Heat stress transcripts, differential expression, and profiling of heat stress tolerant gene TaHsp90 in Indian wheat (Triticum aestivum L.) cv C306	PLOS One	7	13	6	10.1371/journal.pone.0198293	Vishwakarma et al.
2018	Generating and Characterizing Phosphospecific Affinity Reagents Using the Forkhead-Associated 1 Domain	Thesis & Dissertation	-	-	-	http://hdl.handle.net/10027/23028	Leon A Venegas

2018	Phosphorylation and interactions associated with the control of the Leishmania Poly-A Binding Protein 1 (PABP1) function during translation initiation	RNA Biology	739-755	15	6	10.1080/15476286.2018.1445958	Neto et al.
2018	TRPV6, TRPM6 and TRPM7 Do Not Contribute to Hair-Cell Mechanotransduction	Front. Cell. Neurosci	-	12	41	10.3389/fncel.2018.00041	Morgan et al.
2018	Dual loss of p110 δ PI3-kinase and SKAP (KNSTRN) expression leads to combined immunodeficiency and multisystem syndromic features	Journal of Allergy and Clinical Immunology	618-629	142	2	10.1016/j.jaci.2017.10.033	Sharfe et al.
2018	Acute recovery from disuse atrophy: the role of stretch-activated ion channels in the activation of anabolic signaling in skeletal muscle	Am J Physiol Endocrinol Metab	E86-E95	316	1	10.1152/ajpendo.00261.2018	Mirzoev, T. M. et al.
2018	Composition for reducing senescence of cell or subject comprising smurf2 inhibitor and use thereof	US Patents	-	-	-	US20160186181A1	Kobong Choi, Joontae Park, Hyuntae KANG
2018	EGFR activation triggers cellular hypertrophy and lysosomal disease in NAGLU-depleted cardiomyoblasts, mimicking the hallmarks of mucopolysaccharidosis IIIB	Cell Death & Disease	40	9	2	10.1038/s41419-017-0187-0	De Pasquale et al.
2018	mTOR kinase leads to PTEN-loss-induced cellular senescence by phosphorylating p53.	Oncogene	-	-	-	10.1038/s41388-018-0521-8	Jung et al.
2018	Rab7 knockout unveiled regulated autolysosome maturation induced by glutamine starvation	Journal of Cell Science	-	131	7	10.1242/jcs.215442	Kuchitsu et al.
2018	α v β 5 integrin mediates the effect of vitronectin on the initial stage of differentiation in mouse cerebellar granule cell precursors	Brain Research	94-104	1691	-	10.1016/j.brainres.2018.04.025	Abe et al.
2018	Identification of genes inducing resistance to ionizing radiation in human rectal cancer cell lines: re-sensitization of radio-resistant rectal cancer cells through down regulating NDRG1	BMC Cancer	594	18	1	10.1186/s12885-018-4514-3	Kim et al.
2018	Proangiogenic functions of an RGD-SLAY-containing osteopontin icosamer peptide in HUVECs and in the postischemic brain	Experimental & Molecular Medicine	e430	50	1	10.1038/emm.2017.241	Lee et al.
2018	Versatile effects of magnesium hydroxide nanoparticles in PLGA scaffold-mediated chondrogenesis	Acta Biomaterialia	204-216	73	-	10.1016/j.actbio.2018.04.022	Park et al.
2018	Dual Role of Dietary Curcumin Through Attenuating AFB1-Induced Oxidative Stress and Liver Injury via Modulating Liver Phase-I and Phase-II Enzymes Involved in AFB1 Bioactivation and Detoxification	Front. Pharmacol.	554	9	-	10.3389/fphar.2018.00554	Muhammad et al.
2018	Assessment of the Association Between Three Perplexing PPARA Gene Polymorphisms and the Risk of Coronary Artery Disease in a Population of Turkish Cypriot Women	Cyprus Journal of Medical Sciences.	75-80	3	-	10.5152/cjms.2018.531	Ergoren et al.
2018	Comparison of different paternity test panels in sheep	Turkish Journal of Veterinary and Animal Sciences	633-641	-	-	10.3906/vet-1805-80	Yilmaz et al.
2018	Identification and Molecular Characterization of Hysterothylacium (Nematoda: Raphidascarididae) Larvae in Bogue (Boops boops L.) from the Aegean Sea, Turkey [1]	Kafkas Univ Vet Fak Derg Journal	525-530	24	4	10.9775/kvfd.2018.19482	Simsek et al.
2018	Overexpression of SENP1 reduces the stemness capacity of osteosarcoma stem cells and increases their sensitivity to HSVtk/GCV	International Journal of Oncology	2010-2020	53	5	10.3892/ijo.2018.4537	Liu et al.
2018	Downregulation of miR-3127-5p promotes epithelial mesenchymal transition via FZD4 regulation of Wnt/ β catenin signaling in non small cell lung cancer	Molecular Carcinogenesis	842-853	57	7	10.1002/mc.22805	Yang et al.
2018	Impact of miR-192 and miR-194 on cyst enlargement through EMT in autosomal dominant polycystic kidney disease	The FASEB Journal	-	-	-	10.1096/fj.201800563RR	Kim et al.
2018	Mild ozonisation activates antioxidant cell response by the Keap1/Nrf2 dependent pathway	Free Radical Biology and Medicine	114-121	124	-	10.1016/j.freeradbiomed.2018.05.093	Galie et al.
2018	STARD13-correlated ceRNA network-directed inhibition on YAP/TAZ activity suppresses stemness of breast cancer via co-regulating Hippo and Rho-GTPase/F-actin signaling	Journal of Hematology and Oncology	72	11	1	10.1186/s13045-018-0613-5	Zheng et al.
2018	The role of Sprouty1 in the proliferation, differentiation and apoptosis of epidermal keratinocytes	Cell Proliferation	-	51	5	10.1111/cpr.12477	Wang et al.
2018	Why SNP rs227584 is associated with human BMD and fracture risk? A molecular and cellular study in bone cells	Journal of Cellular and Molecular Medicine	898-907	23	2	10.1111/jcmm.13991	Xu et al.

2018	MicroRNA-451a overexpression induces accelerated neuronal differentiation of Ntera2/D1 cells and ablation affects neurogenesis in microRNA-451a-/- mice	PLOS ONE	e0207575	13	11	10.1371/journal.pone.0207575	Trattnig et al.
2018	Suppression of ABCD2 dysregulates lipid metabolism via dysregulation of miR 141:ACSL4 in human osteoarthritis	Cell Biochemistry and Function	366-376	36	7	10.1002/cbf.3356	Park et al.
2018	Orthotopic hepatic cancer: radiofrequency hyperthermia-enhanced intratumoral herpes simplex virus-thymidine kinase gene therapy	Oncotarget	14099-14108	9	18	10.18632/oncotarget.23586	Xiong et al.
2018	Human cytomegalovirus-encoded US9 targets MAVS and STING signaling to evade type I interferon immune responses	Nature Communications	125	9	-	10.1038/s41467-017-02624-8	Choi et al.
2018	Computational Analysis of Transcriptional Regulation Sites at the HTT Gene Locus	Journal of Huntington's Disease	223-237	7	3	10.3233/JHD-170272	De Souza et al.
2018	Disease-linked mutations in the phosphatidylcholine regulatory enzyme CCT α impair enzymatic activity and fold stability	Journal of Biological Chemistry	-	-	-	10.1074/jbc.RA118.006457	Cornell et al.
2018	Genome-wide DNA methylation encodes cardiac transcriptional reprogramming in human ischemic heart failure	Lab Invest.	-	-	-	10.1038/s41374-018-0104-x	Pepin et al.
2018	The fruits of <i>Gleditsia sinensis</i> Lam. inhibits adipogenesis through modulation of mitotic clonal expansion and STAT3 activation in 3T3-L1 cells	Journal of Ethnopharmacology	61-70	222	-	10.1016/j.jep.2018.04.020	Lee et al.
2018	Aging related changes in circulating reactive oxygen species (ROS) and protein carbonyls are indicative of liver oxidative injury	Toxicology Repots	141-145	5	-	10.1016/j.toxrep.2017.12.017	Luceri, C. et al.
2018	BRUCELLA MELITENSIS EXTERNAL MEMBRANE PROTEIN GENE CLONING	Thesis & Dissertation	-	-	-	http://hdl.handle.net/11607/3278	ERMAN ORYAŞIN
2018	Characteristics of a newly bred <i>Pleurotus eryngii</i> cultivar, Gat_Aeryni	The Korean Journal of Mushroom Science	186-191	16	3	http://db.koreascholar.com/article.aspx?code=357304	Ryu et al.
2018	Chemical Differentiation of Genetically Identified <i>Atractylodes japonica</i> , <i>A. macrocephala</i> , and <i>A. chinensis</i> Rhizomes Using High-Performance Liquid Chromatography with Chemometric Analysis	Evidence-Based Complementary and Alternative Medicine	-	2018	-	10.1155/2018/4860371	Kim et al.
2018	Comparison of pellicle and shake flask-grown BCG strains by quality control assays and protection studies	Tuberculosis	47-53	114	-	10.1016/j.tube.2018.10.013	Fitzpatrick et al.
2018	Concomitant Mammary Tuberculosis and Malignant Mixed Tumor in a Dog	Journal of the Faculty of Veterinary Medicine, Kafkas University	315-318	24	2	10.9775/kvfd.2017.18879	Kutlu et al.
2018	Conservation genetics of the highly endangered Azorean endemics <i>Euphrasia azorica</i> and <i>Euphrasia grandiflora</i> using new SSR data	Conservation Genetics	1211-1222	19	5	10.1007/s10592-018-1089-0	Moura et al.
2018	Contribution of nitric oxide synthase from coagulase-negative staphylococci to the development of red myoglobin derivatives	International Journal of Food Microbiology	310-316	266	-	10.1016/j.ijfoodmicro.2017.11.005	Ras et al.
2018	DNM1L Variant Alters Baseline Mitochondrial Function and Response to Stress in a Patient with Severe Neurological Dysfunction	Biochemical Generics	56-77	56	####	10.1007/s10528-017-9829-2	Hogarth et al.
2018	First report of avian infectious laryngotracheitis infection in broiler breeders in Turkey	Ankara Üniv Vet Fak Derg	331-334	65	-	10.1501/Vetfak_0000002864	Kaya et al.
2018	Functional characterisation of RNA helicases in the remodelling of pre-ribosomal subunits	Thesis & Dissertation	-	-	-	https://core.ac.uk/download/pdf/159486459.pdf	Lukas Brüning
2018	Gamma-irradiation-killed <i>Streptococcus pneumoniae</i> potently induces the expression of IL-6 and IL-8 in human bronchial epithelial cells	Microbial Pathogenesis	38-46	124	-	10.1016/j.micpath.2018.08.015	Jwa et al.
2018	Investigation of P Fimbriae Presence in <i>Escherichia coli</i> Strains Isolated from Urine Samples in Human, and Their Antibacterial Resistance	Jundishapur Journal of Microbiology	e66119	11	9	10.5812/jjm.66119	Paykoc et al.
2018	Mapping the Chromosomal Locus of Oculopharyngodistal Myopathy with Microsatellite Markers and Next Generation Sequencing	Thesis & Dissertation	-	-	-	https://edoc.ub.uni-muenchen.de/22478/1/Wagner_Matias.pdf	Wagner Matias

2018	Molecular analysis of virulence genes of Salmonella Infantis isolated from chickens and turkeys	Microbial Pathogenesis	199-204	126	-	10.1016/j.micpath.2018.11.006	Sever et al.
2018	Occurrence and molecular characterization of Clinostomum complanatum (Trematoda: Clinostomidae) in freshwater fishes caught from Turkey	Parasitology Research	2117-2124	117	7	10.1007/s00436-018-5898-3	Simsek et al.
2018	Persistent BVD virus infections in offspring from imported heifers	Tropical Animal Health and Production	-	-	-	10.1007/s11250-018-1685-5	Alpay et al.
2018	Seroepidemiology and molecular investigation of pestiviruses among sheep and goats in Northwest Anatolia	Turkish Journal of Veterinary and Animal Sciences	205-210	42	3	10.3906/vet-1711-83	Alpay et al.
2018	Stress response of NAD ⁺ -dependent formate dehydrogenase in Gossypium hirsutum L. grown under copper toxicity	Environmental Science and Pollution Research	31679-31690	25	31	10.1007/s11356-018-3145-1	Kurt-Gur et al.
2018	Targeting miRNAs with CRISPR/Cas9 to Improve Recombinant Protein Production of CHO Cells	Methods Mol Biol	221-235	1850	-	10.1007/978-1-4939-8730-6_15	Kellner et al.
2018	The methyltransferase domain of the Sudan ebolavirus L protein specifically targets internal adenosines of RNA substrates, in addition to the cap structure	Nucleic Acids Research	7902-7912	46	15	10.1093/nar/gky637	Martin et al.
2018	A molecular marker for the specific detection of new pathotype 5 like strains of Plasmodiophora brassicae in canola	Plant Pathology	1582-1588	67	7	10.1111/ppa.12868	Zhao, Q. et al.
2018	Image based modeling and scoring of Howell–Jolly Bodies in human erythrocytes	Quantitative Cell Biology	305-313	93	3	10.1002/cyto.a.23123	Angay et al.
2018	Transgenerational beneficial effect of Arthrospira (Spirulina) platensis on the rabbit ovaries	Journal of Applied Phycology	1691-1700	30	3	10.1007/s10811-018-1400-y	Abadjieva et al.
2018	Investigation of the RNA-interference pathway of Toxoplasma gondii	Thesis & Dissertation	-	-	-	https://scholar.uwindso r.ca/cgi/viewcontent.cgi?article=8447&context=etd	Farzana Afrin
2018	Toxoplasma ubiquitin-like protease 1, a key enzyme in sumoylation and desumoylation pathways, is under the control of non-coding RNAs	International Journal for Parasitology	867-880	48	11	10.1016/j.ijpara.2018.05.001	Crater et al.
2018	The reaction of tomato plants carrying Mi-1 gene to different inoculation densities of Meloidogyne incognita (Kofoed and White, 1919) Chitwood, 1949	Journal of Plant Protection Research	124-129	58	2	10.24425/119128	Özalp et al.
2018	Efficient exon skipping of SGCG mutations mediated by phosphorodiamidate morpholino oligomers	JCI Insight	-	3	9	10.1172/jci.insight.99357.	Wyatt et al.
2018	Forkhead box R2 promotes metastasis and growth by stimulating angiogenesis and activating hedgehog signaling pathway in ovarian cancer	Journal of Cellular Biochemistry	7780-7789	119	9	10.1002/jcb.27148	Li et al.
2018	Senescence Alters PPAR γ (Peroxisome Proliferator–Activated Receptor Gamma)-Dependent Fatty Acid Handling in Human Adipose Tissue Microvascular Endothelial Cells and Favors Inflammation	Journal of Arteriosclerosis	1134-1146	38	5	10.1161/ATVBAHA.118.310797	Briot et al.
2018	Raddeanin A inhibits growth and induces apoptosis in human colorectal cancer through downregulating the Wnt/ β -catenin and NF- κ B signaling pathway	Life Sciences	532-549	207	-	10.1016/j.lfs.2018.06.035	Wang et al.
2018	Human Cartilage Derived Progenitors Resist Terminal Differentiation and Require CXCR4 Activation to Successfully Bridge Meniscus Tissue Tears	STEM CELLS JOURNAL	102-114	37	1	10.1002/stem.2923	Jayasuriya et al.
2018	Molecular characterization of mesenchymal stem cells in human osteoarthritis cartilage reveals contribution to the OA phenotype	Nature Research Journal	7044	8	1	10.1038/s41598-018-25395-8	Jayasuriya et al.
2018	Pathogenicity of In Vivo Generated Intestinal Th17 Lymphocytes is IFN γ Dependent	Journal of Crohn's and Colitis	981-992	12	8	10.1093/ecco-jcc/jjy051	Nizzoli et al.
2018	Genetic analysis of receptor-like protein SNC2-mediated plant resistance in Arabidopsis	Thesis & Dissertation	-	-	-	10.14288/1.0364581	Yuli Ding
2018	Co-inhibition of BET and proteasome enhances ER stress and Bim-dependent apoptosis with augmented cancer therapeutic efficacy	Cancer Letters	44-54	435	-	10.1016/j.canlet.2018.07.033	Qian et al.
2018	PM2.5 exposure impairs sperm quality through testicular damage dependent on NALP3 inflammasome and miR-183/96/182 cluster targeting FOXO1 in mouse	Ecotoxicology and Environmental Safety	551-563	169	-	10.1016/j.ecoenv.2018.10.108	Zhou et al.

2018	lncRNA PFAL promotes lung fibrosis through CTGF by competitively binding miR-18a	FASEB Journal	5285-5297	32	10	10.1096/fj.201800055R	Li et al.
2018	RNA-Seq transcriptomic analysis of the Morus alba L. leaves exposed to high-level UVB with or without dark treatment	Gene	60-68	645	-	10.1016/j.gene.2017.12.045	Guan et al.
2018	Cold acclimation reduces hepatic protein Kinase B and AMP activated protein kinase phosphorylation and increases gluconeogenesis in Rats	Physiological reports	-	6	5	10.14814/phy2.13592	Sepa Kishi et al.
2018	Evaluation of joint effects of cyprodinil and kresoxim-methyl on zebrafish, Danio rerio	Journal of Hazardous Materials	80-91	352	-	10.1016/j.jhazmat.2018.03.023	Wang et al.
2018	The Change of Teleost Skin Commensal Microbiota Is Associated With Skin Mucosal Transcriptomic Responses During Parasitic Infection by Ichthyophthirius multifiliis	Frontiers in Immunology	2972	9	-	10.3389/fimmu.2018.02972	Zhang et al.
2018	Electrospinning of in situ crosslinked recombinant human collagen peptide/chitosan nanofibers for wound healing	Biomaterials Science	2197-2208	6	-	10.1039/C8BM00492G	Deng et al.
2018	In vitro and in silico analyses of Vicia faba L. on Peroxisome proliferator-activated receptor gamma.	Journal of Cellular Biochemistry	7729-7737	119	9	10.1002/jcb.27123	Prabhu et al.
2018	A homozygous p53 R282W mutant human embryonic stem cell line generated using TALEN-mediated precise gene editing	Stem Cell Research	131-135	27	3	29414603	Zhou, R. et al.
2018	A stochastic assembly model for Nipah virus revealed by super-resolution microscopy	Nature Communications	3050	9	1	10.1038/s41467-018-05480-2	Liu, Q. et al.
2018	Androgen Receptor Signaling Reduces Radiosensitivity in Bladder Cancer	Molecular Cancer Therapeutics	1566-1574	17	7	29720561	Ide, H. et al.
2018	ATF2 promotes urothelial cancer outgrowth via cooperation with androgen receptor signaling	Endocrine Connections	1397-1408	7	12	30521479	Inoue et al.
2018	Attenuation of Marek's disease virus by codon pair deoptimization of a core gene	Virology	219-226	516	-	29407380	Conrad et al.
2018	BRAF and MEK inhibitors increase PD1-positive melanoma cells leading to a potential lymphocyte-independent synergism with anti-PD1 antibody	Clinical Cancer Research	3377-3385	24	14	29650750	Sanlorenzo et al.
2018	BRCA1 Mutation Status and Follicular Fluid Exposure Alters NFκB Signaling and ISGylation in Human Fallopian Tube Epithelial Cells	Neoplasia	697-709	20	7	29852322	Hollingsworth et al.
2018	Diethylstilbestrol (DES) induces autophagy in thymocytes by regulating Beclin-1 expression through epigenetic modulation	Toxicology	49-58	410	-	10.1016/j.tox.2018.08.012	Singh et al.
2018	Disruption of NSD1 in head and neck cancer promotes favorable chemotherapeutic responses linked to hypomethylation	Molecular Cancer Therapeutics	1585-1594	17	7	10.1158/1535-7163.MCT-17-0937	Bui et al.
2018	Disruption of Wnt/β-catenin exerts anti-leukemia activity and synergizes with FLT3 inhibition in FLT3-mutant acute myeloid leukemia	Clinical Cancer Research	2417-2429	24	10	10.1158/1078-0432.CCR-17-1556	Jiang et al.
2018	Downregulating Neuropilin-2 Triggers a Novel Mechanism Enabling EGFR-Dependent Resistance to Oncogene-Targeted Therapies	Cancer Research	1058-1068	78	4	10.1158/0008-5472.CAN-17-2020	Rizzolio et al.
2018	Early transcriptional response of human ovarian and fallopian tube surface epithelial cells to norepinephrine	Scientific Reports	8291	8	1	10.1038/s41598-018-26670-4	Gjyshi et al.
2018	ELK1 promotes urothelial tumorigenesis in the presence of an activated androgen receptor	American Journal of Cancer Research	2325-2336	8	11	30555747	Inoue et al.
2018	Establishment of a human embryonic stem cell line with homozygous TP53 R248W mutant by TALEN mediated gene editing	Stem Cell Research	215-219	29	-	10.1016/j.scr.2018.04.013	Xu et al.
2018	Generation of a CLTA reporter human induced pluripotent stem cell line, CRMi001-A-1, using the CRISPR/Cas9 system to monitor endogenous clathrin trafficking	Stem Cell Research	95-99	33	-	10.1016/j.scr.2018.10.001	Anderson et al.
2018	Generation of a heterozygous p53 R249S mutant human embryonic stem cell line by TALEN-mediated genome editing	Stem Cell Research	101360	34	-	10.1016/j.scr.2018.10.360	Huo et al.
2018	Generation of an induced pluripotent stem cell line from an individual with a heterozygous RECQL4 mutation	Stem Cell Research	36-40	33	-	10.1016/j.scr.2018.10.003	Jewell et al.
2018	Generation of human embryonic stem cell line with heterozygous RB1 deletion by CRISPR/Cas9 nickase	Stem Cell Research	29-32	28	-	10.1016/j.scr.2018.01.021	Tu et al.
2018	Generation of induced pluripotent stem cells from a patient with Best Dystrophy carrying 11q12.3 (BEST1 (VMD2)) mutation	Stem Cell Research	134-138	29	-	10.1016/j.scr.2018.03.019	Hsu et al.
2018	Generation of induced pluripotent stem cells from a patient with X-linked juvenile retinoschisis	Stem Cell Research	152-156	29	-	10.1016/j.scr.2018.04.005	Peng et al.
2018	Generation of novel induced pluripotent stem cell (iPSC) line from a 16-year-old sialidosis patient with NEU-1 gene mutation	Stem Cell Research	39-43	28	-	10.1016/j.scr.2018.01.024	Liu et al.

2018	Generation of two isogenic human induced pluripotent stem cell lines from a 15 year-old female patient with MERRF syndrome and A8344G mutation of mitochondrial DNA	Stem Cell Research	201-205	30	-	10.1016/j.scr.2018.05.011	Chou et al.
2018	Genome-wide CRISPR Analysis Identifies SubstrateSpecific Conjugation Modules in ER-Associated Degradation	Molecular Cell	1-13	73	2	10.1016/j.molcel.2018.11.015	Leto et al.
2018	Gp78 E3 ubiquitin ligase mediates both basal and damage-induced mitophagy	bioRxiv	-	-	-	10.1101/407593	Joshi et al.
2018	Metformin reveals a mitochondrial copper addiction of mesenchymal cancer cells	PLoS One	e0206764	13	11	10.1371/journal.pone.0206764	Müller et al.
2018	miR 205 mediates adaptive resistance to MET inhibition via ERRFI1 targeting and raised EGFR signaling	EMBO Molecular Medicine	-	10	9	10.15252/emmm.2017.08746	Migliore et al.
2018	Mycoplasma contamination of leukemic cell lines alters protein expression determined by reverse phase protein arrays	Cytotechnology	1529-1535	70	6	10.1007/s10616-018-0244-2	Hoff et al.
2018	Nuclear Factor-κB Promotes Urothelial Tumorigenesis and Cancer Progression via Cooperation with Androgen Receptor Signaling	Molecular Cancer Therapeutics	1303-1314	17	6	29592878	Inoue et al.
2018	Parallel genome-wide CRISPR analysis identifies a role for heterotypic ubiquitin chains in ER-associated degradation	BioRxiv	-	-	-	10.1101/349407	Leto et al.
2018	Recognition of Recurrent Protein Expression Patterns in Pediatric Acute Myeloid Leukemia Identified New Therapeutic Targets	Molecular Cancer Research	1275-1286	16	8	10.1158/1541-7786.MCR-17-0731	Hoff et al.
2018	Recurrent Patterns of Protein Expression Signatures in Pediatric Acute Lymphoblastic Leukemia: Recognition and Therapeutic Guidance	Molecular Cancer Research	1263-1274	16	8	10.1158/1541-7786.MCR-17-0730	Hoff et al.
2018	Sortilin inhibition limits secretion-induced progranulin-dependent breast cancer progression and cancer stem cell expansion	Breast Cancer Research	137	20	1	10.1186/s13058-018-1060-5	Rhost et al.
2018	ST8SIA1 Regulates Tumor Growth and Metastasis in TNBC by Activating the FAK–AKT–mTOR Signaling Pathway	Molecular Cancer Therapeutics	2689-2701	17	12	10.1158/1535-7163.MCT-18-0399	Nguyen et al.
2018	Structural and genomic decoding of human and plant myristoylomes reveals a definitive recognition pattern	Nature Chemical Biology	671-679	14	7	10.1038/s41589-018-0077-5	Castrec et al.
2018	Synergistic inhibition of the Hedgehog pathway by newly designed Smo and Gli antagonists bearing the isoflavone scaffold	European Journal of Medicinal Chemistry	554-562	156	-	10.1016/j.ejmech.2018.07.017	Berardozzi et al.
2018	Targeting the CALR interactome in myeloproliferative neoplasms	JCI Insight	-	3	22	10.1172/jci.insight.122703	Pronier et al.
2018	Targeting the SphK1/S1P/S1PR1 axis that links obesity, chronic inflammation and breast cancer metastasis	Cancer Research	1713-1725	78	7	10.1158/0008-5472.CAN-17-1423	Nagahashi et al.
2018	Tetrandrine (TET) Induces Death Receptors: Apo Trail R1 (DR4) and Apo Trail R2 (DR5) and sensitizes Prostate Cancer Cells to TRAIL induced apoptosis	Molecular Cancer Therapeutics	1217-1228	17	6	10.1158/1535-7163.MCT-17-1157	Shishodia et al.
2018	The RNA interactome of human telomerase RNA reveals a codingindependent role for a histone mRNA in telomere homeostasis	Chromosomes and Gene Expression	-	7	-	10.7554/eLife.40037	Ivanyi-Nagy et al.
2018	Establishment and Characterization of Paired Primary and Peritoneal Seeding Human Colorectal Cancer Cell Lines: Identification of Genes That Mediate Metastatic Potential	Translational Oncology	1232-1243	11	5	10.1016/j.tranon.2018.07.014	Kim et al.
2018	27-Hydroxycholesterol increases α-synuclein protein levels through proteasomal inhibition in human dopaminergic neurons	BMC Neuroscience	-	19	1	29614969	Schommer, J. et al.
2018	Protective Effects of Bacteriophages against Aeromonas hydrophila Causing Motile Aeromonas Septicemia (MAS) in Striped Catfish		-	7	1	10.3390/antibiotics7010016	Le et al.
2018	Extracellular histones are the ligands for the uptake of exosomes and hydroxyapatite nanoparticles by tumor cells via syndecan 4	Federation of European Biochemical Societies	3274-3285	592	19	10.1002/1873-3468.13236	Ochieng et al.
2018	High expression of fructose-bisphosphate aldolase A induces progression of renal cell carcinoma	Oncology Reports	2996-3006	39	6	10.3892/or.2018.6378	Huang et al.
2018	A combination of SAHA and Quinacrine is effective in inducing cancer cell death in upper gastrointestinal cancers	Clinical Cancer Research	1905-1916	24	8	10.1158/1078-0432.CCR-17-1716	Zhu, S. et al.
2018	The PPARGC1A locus and CNS-specific PGC-1α isoforms are associated with Parkinson's Disease	Neurobiology of Disease	34-46	121	-	10.1016/j.nbd.2018.09.016	Soyal et al.
2018	Heterozygous IDH1R132H/WT created by "single base editing" inhibits human astroglial cell growth by downregulating YAP.	Oncogene	5160-5174	37	38	10.1038/s41388-018-0334	Wei et al.
2018	Increased differentiation and PRRSV susceptibility of monocytic cells during co-cultivation with immortalized mesenchymal stromal cells	Thesis & Dissertation	-	-	-	http://hdl.handle.net/1854/LU-8556529	Abubakar Garba
2018	Reactive astrocytic S1P3 signaling modulates the blood–tumor barrier in brain metastases	Nature Communications	2705	9	1	10.1038/s41467-018-05030-w	Gril et al.
2018	A two-step purification strategy using calmodulin as an affinity tag	Journal of Chromatography A	16-22	1544	-	10.1016/j.chroma.2018.02.045	Lin, L. et al.

2018	Optimization of L-asparaginase activity of Actinobacteria isolated from Guaviare river sediments in Colombia	Tropical Journal of Pharmaceutical Research	2199-2206	17	11	10.4314/tjpr.v17i11.13	Morales-Gonzalez et al.
2018	Cloning and Expression Analysis of RrG-Beta1 Gene Related to Anthocyanin Biosynthesis in Rosa rugosa	American Journal of Plant Sciences	2244-2255	9	11	10.4236/ajps.2018.911162	Wang et al.
2018	Enhanced hypocrellin production of Shiraia sp. SUPER-H168 by overexpression of alpha-amylase gene.	PloS one	e0196519	13	5	10.1371/journal.pone.0196519	Gao et al.
2018	MicroRNA-146a knockdown suppresses the progression of ankylosing spondylitis by targeting dickkopf 1	Biomedicine & Pharmacotherapy	1249-1249	94	-	10.1016/j.biopha.2017.11.067	Di et al.
2018	Low Cell-Matrix Adhesion Reveals Two Subtypes of Human Pluripotent Stem Cells	Stem Cell Reports.	142-156	11	1	10.1016/j.stemcr.2018.06.003	Yu et al.
2018	PNMA1, regulated by miR-33a-5p, promotes proliferation and EMT in hepatocellular carcinoma by activating the Wnt/ β -catenin pathway.	Biomedicine & Pharmacotherapy	492-499	108	-	10.1016/j.biopha.2018.09.059	Liu et al.
2018	TGACG BINDING FACTOR 1 (TGA1) and TGA4 regulate salicylic acid and pipelicolic acid biosynthesis by modulating the expression of SYSTEMIC ACQUIRED RESISTANCE DEFICIENT 1 (SARD1) and CALMODULIN BINDING PROTEIN 60g (CBP60g)	New Phytol	344-354	217	1	10.1111/nph.14780	Sun et al.
2018	The Abnormal Expression of MicroRNA-542-3p in Hepatocellular Carcinoma and Its Clinical Significance	Disease markers	-	2018	-	10.1155/2018/3973250	Chen et al.
2018	α -Ketoglutarate Promotes Pancreatic Progenitor-Like Cell Proliferation	International journal of molecular sciences	E943	19	4	10.3390/ijms19040943	Song et al.
2018	Casein glycomacropeptide hydrolysates inhibit PGE2 production and COX2 expression in LPS-stimulated RAW 264.7 macrophage cells via Akt mediated NF- κ B and MAPK pathways	Food & function	2524-2532	9	4	10.1039/c7fo01989k	Li et al.
2018	The expression levels of miRNA-15a and miRNA-16-1 in circulating tumor cells of patients with diffuse large B-cell lymphoma	Molecular Biology Reports	-	-	-	10.1007/s11033-018-4554-4	Yazici et al.
2018	Exosomal miR-6803-5p as potential diagnostic and prognostic marker in colorectal cancer†	Journal of Cellular Biology	4113-4119	119	5	10.1002/jcb.26609	Yan et al.
2018	Exosome encapsulated miR 6089 regulates inflammatory response via targeting TLR4	Journal of Cellular Physiology	1502-1511	234	2	10.1002/jcp.27014	Xu et al.
2018	miR 200c 3p spreads invasive capacity in human oral squamous cell carcinoma microenvironment	Molecular Carcinogenesis	295-302	57	2	10.1002/mc.22744	Kawakubo Yasukochi et al.
2018	Directed Evolution of a Homodimeric Laccase from Cerrena unicolor BBP6 by Random Mutagenesis and In Vivo Assembly	International Journal of Molecular Sciences	-	19	10	10.3390/ijms19102989	Zhang et al.
2018	Whole Genome Sequencing of Enteroviruses Species A to D by High-Throughput Sequencing: Application for Viral Mixtures	Frontiers in Microbiology	2339	9	-	10.3389/fmicb.2018.02339	Joffret et al.
2018	Biolistic transformation of Haematococcus pluvialis with constructs based on the flanking sequences of its endogenous alpha tubulin gene	bioRxiv	-	-	-	10.1101/420711	Yuan et al.
2018	Circular RNA hsa_circ_0052112 promotes cell migration and invasion by acting as sponge for miR-125a-5p in breast cancer	Biomedicine and Pharmacotherapy	1342-1353	107	-	10.1016/j.biopha.2018.08.030	Zhang et al.
2018	Circular RNA hsa_circ_0072995 promotes breast cancer cell migration and invasion through sponge for miR-30c-2-3p	Epigenomics	1229-1242	10	9	30182731	Zhang et al.
2018	Functional differences between healthy and diabetic endothelial cells on topographical cues	Biomaterials	70-84	153	-	10.1016/j.biomaterials.2017.10.037	Cutiongco et al.
2018	Biological and molecular characterization of ArkGA: A novel Arkansas serotype vaccine that is highly attenuated, efficacious, and protective against homologous ...	Vaccine	6077-6086	36	41	10.1016/j.vaccine.2018.08.078	Albanese et al.
2018	An N-methyltransferase from Ephedra sinica catalyzing the formation of ephedrine and pseudoephedrine enables microbial phenylalkylamine production	Journal of Biological Chemistry	13364-13376	293	35	10.1074/jbc.RA118.004067	Morris, J. S. et al.
2018	B-BOX DOMAIN PROTEIN28 Negatively Regulates Photomorphogenesis by Repressing the Activity of Transcription Factor HY5 and Undergoes COP1-Mediated Degradation	Plant Cell	2006-2019	30	9	10.1105/tpc.18.00226	Lin et al.
2018	Bisphenol A accelerates meiotic progression in embryonic chickens via the estrogen receptor β signaling pathway	General and Comparative Endocrinology	66-75	259	-	10.1016/j.ygcen.2017.11.004	Yu et al.

2018	Method for quantitative detection of FAM19A4 by flow cytometry using latex beads as solid carrier	J Biosci Bioeng	359-364	125	3	10.1016/j.jbiosc.2017.10.008	Ting et al.
2018	Modulation of TGF- β activity by latent TGF- β -binding protein 1 in human osteoarthritis fibroblast-like synoviocytes	Mol Med Rep	1893-1900	17	1	10.3892/mmr.2017.8086	Wang et al.
2018	Muscone improves cardiac function in mice after myocardial infarction by alleviating cardiac macrophage-mediated chronic inflammation through inhibition of NF- κ B and NLRP3 inflammasome	Am J Transl Res	4535-4546	10	12	30662666	Du et al.
2018	Suppression of circadian secretion of glucagon like peptide 1 by the saturated fatty acid, palmitate	Acta Physiol (Oxf)	-	222	4	10.1111/apha.13007	Martchenko et al.
2018	The light at the end of the tunnel: photosensitivity in larvae of the mountain pine beetle (Coleoptera: Curculionidae: Scolytinae)	The Canadian Entomologist	622-631	150	5	10.4039/tce.2018.38	Wertman et al.
2018	Triptolide induces Sertoli cell apoptosis in mice via ROS/JNK-dependent activation of the mitochondrial pathway and inhibition of Nrf2-mediated antioxidant response	Acta Pharmacol Sin	311-327	39	2	10.1038/aps.2017.95	Zhu et al.
2018	SCF/c-KIT Signaling Increased Mucin2 Production by Maintaining Atoh1 Expression in Mucinous Colorectal Adenocarcinoma	International Journal of Molecular Sciences	1541	19	5	10.3390/ijms19051541	She et al.
2018	Bacteria-delivered RNA interference strategies to silence genes related to vector competence of Aedes aegypti	Thesis & Dissertation	-	-	-	http://summit.sfu.ca/item/18043	Toh, Shir Yi
2018	Thyroid Hormone Receptor β Suppression of RUNX2 Is Mediated by Brahma-Related Gene 1-Dependent Chromatin Remodeling	Endocrinology	2484-2494	6	1	10.1210/en.2018-00128	Gillis et al.
2018	A secreted-Cu/Zn superoxide dismutase from Microplitis bicoloratus reduces reactive oxygen species triggered by symbiotic bracovirus	Developmental & Comparative Immunology.	129-139	92	3	10.1016/j.dci.2018.11.014	Zhang, L.D. et al.
2018	Anti-TNF Therapy Induces CD4+ T-Cell Production of IL-22 and Promotes Epithelial Repairs in Patients With Crohn's Disease.	Inflammatory bowel diseases	1733-1744	24	8	10.1093/ibd/izy126	Fang et al.
2018	Baicalin regulates SirT1/STAT3 pathway and restrains excessive hepatic glucose production	Pharmacological research	62-73	136	-	10.1016/j.phrs.2018.08.018	Xu et al.
2018	Cloning and Expression Analysis of RrGT1 Gene Related to Anthocyanin Biosynthesis in Rosa rugosa.	Agricultural Sciences	1085	9	8	10.4236/as.2018.98075	Sui et al.
2018	Cloning and Expression Analysis of RrGT2 Gene Related to Anthocyanin Biosynthesis in Rosa rugosa	American Journal of Plant Sciences	2158-2750	9	10	10.4236/ajps.2018.910146	Sui et al.
2018	Dabrafenib, an inhibitor of RIP3 kinase-dependent necroptosis, reduces ischemic brain injury.	Neural regeneration research,	252-256	13	2	10.4103/1673-5374.226394	Cruz et al.
2018	Decreased PKG transcription mediated by PI3K/Akt/FoxO1 pathway is involved in the development of nitroglycerin tolerance	Biochemical and Biophysical Research Communications	1195-1201	508	4	10.1016/j.bbrc.2018.12.065	An et al.
2018	Effects of three-dimensional collagen scaffolds on the expression profiles and biological functions of glioma cells.	International journal of oncology	1784-1800	52	6	10.3892/ijo.2018.4330	Jia et al.
2018	Establishment of Virus-Induced Gene Silencing (VIGS) System in Perennial Rosa Plants under Field Conditions.	Natural Science	319-328	10	9	10.4236/ns.2018.109032	Sui et al.
2018	gga-miR-142-5p attenuates IRF7 signaling and promotes replication of IBDV by directly targeting the chMDA5's 3'untranslated region	Veterinary Microbiology	74-80	221	-	10.1016/j.vetmic.2018.05.018	Ouyang et al.
2018	Identification and characterization of a novel sesquiterpene synthase from Aquilaria sinensis: An important gene for agarwood formation	International journal of biological macromolecules	884-892	108	-	10.1016/j.ijbiomac.2017.10.183	Ye et al.
2018	Identification, characterization and expression analysis of the VQ motif-containing gene family in tea plant (Camellia sinensis)	BMC genomics	710	19	1	10.1186/s12864-018-5107-x	Guo et al.
2018	Isolation and biological characteristics of multipotent mesenchymal stromal cells derived from chick embryo intestine	British poultry science	521-530	59	5	10.1080/00071668.2018.1490495	Wang et al.
2018	iTRAQ Based Quantitative Proteomic Analysis of Chemically Induced Aquilaria sinensis Provides Insights into Agarwood Formation Mechanism.		1800023	18	20	10.1002/pmic.201800023	Ye et al.

2018	Lactoferrin attenuates high-fat diet-induced hepatic steatosis and lipid metabolic dysfunctions by suppressing hepatic lipogenesis and down-regulating inflammation in C57BL/6J mice.	Food & function	4328-4339	9	8	10.1039/C8FO00317C	Xiong et al.
2018	MARCH2 is upregulated in HIV-1 infection and inhibits HIV-1 production through envelope protein translocation or degradation.	Virology	293-300	518	-	10.1016/j.virol.2018.02.003	Zhang et al.
2018	miR-486 inhibited osteosarcoma cells invasion and epithelial-mesenchymal transition by targeting PIM1	Cancer Biomarkers	269-277	23	2	10.3233/CBM-181527	Liu et al.
2018	Mutations in CsPID encoding a Ser/Thr protein kinase are responsible for round leaf shape in cucumber (<i>Cucumis sativus</i> L.)	Theoretical and Applied Genetics	1379-1389	131	6	10.1007/s00122-018-3084-8	Zhang et al.
2018	Neuregulin-1 elicits a regulatory immune response following traumatic spinal cord injury	Journal of Neuroinflammation	53	15	1	10.1186/s12974-018-1093-9	Alizadeh et al.
2018	OCT1-mediated metformin uptake regulates pancreatic stellate cell activity	Cellular Physiology and Biochemistry	1711-1720	47	4	10.1159/000491003	Wu et al.
2018	Overexpression of the <i>Rosa rugosa</i> RrGT1 Gene Induces Anthocyanin Accumulation in Tobacco	Natural Science	404	10	10	10.4236/ns.2018.1010038	Sui et al.
2018	Precocious Puberty and the Lin28/Let7 Pathway: The Therapeutic Effect of the Nourishing “Yin” and Purging “Fire” Traditional Chinese Medicine Mixture in a Rat Model.”	Evidence-Based Complementary and Alternative Medicine	-	2018	-	10.1155/2018/4868045	He et al.
2018	QTL Mapping in Three Connected Populations Reveals a Set of Consensus Genomic Regions for Low Temperature Germination Ability in <i>Zea mays</i> L.	Front Plant Sci	-	9	65	10.3389/fpls.2018.00065	Li et al.
2018	RrGT1, a key gene associated with anthocyanin biosynthesis, was isolated from <i>Rosa rugosa</i> and identified via overexpression and VIGS	Plant Physiology and Biochemistry	19-29	135	-	10.1016/j.plaphy.2018.11.022	Sui et al.
2018	Sensitivity of Arbor Acres broilers and chemoprevention of aflatoxin B1-induced liver injury by curcumin, a natural potent inducer of phase-II enzymes and Nrf2	Environmental toxicology and pharmacology	94-104	59	-	10.1016/j.etap.2018.03.003	Wang et al.
2018	Serum biochemistry, histology and transcriptomic profile analysis reflect liver inflammation and damage following dietary histamine supplementation in yellow catfish (<i>Pelteobagrus fulvidraco</i>).	Fish & shellfish immunology	83-90	77	-	10.1016/j.fsi.2018.03.036	Li et al.
2018	Succinate induces synovial angiogenesis in rheumatoid arthritis through metabolic remodeling and HIF-1 α /VEGF axis	Free Radical Biology and Medicine	1-14	126	-	10.1016/j.freeradbiomed.2018.07.009	Li et al.
2018	The Antarctic moss leucine-rich repeat receptor-like kinase (PnLRR-RLK2) functions in salinity and drought stress adaptation	Polar Biology	353-364	41	2	10.1007/s00300-017-2195-z	Wang et al.
2018	The Improvement and Application of Lentivirus-Mediated Gene Transfer and Expression System in Penaeid Shrimp Cells	Marine Biotechnology	-	-	-	10.1007/s10126-018-9862-0	Chen et al.
2018	Urolithin A inhibits the catabolic effect of TNF α on nucleus pulposus cell and alleviates intervertebral disc degeneration in vivo	Frontiers in pharmacology	1043	9	-	10.3389/fphar.2018.01043	Liu et al.
2018	Characterisation of a monooxygenase in <i>Shiraia bambusicola</i>	Mycrobiology	1180-1188	164	9	10.1099/mic.0.000694	Deng et al.
2018	Effects of ten–eleven translocation 1 (Tet1) on DNA methylation and gene expression in chicken primordial germ cells	Reproduction, Fertility, and Development	-	-	-	10.1071/RD18145	Yu et al.
2018	Enhanced hypocrellin production via coexpression of alpha-amylase and hemoglobin genes in <i>Shiraia bambusicola</i>	AMB Express	71	8	1	10.1186/s13568-018-0597-0	Gao et al.
2018	Profiling of the transcriptomic responses of <i>Clonostachys rosea</i> upon treatment with <i>Fusarium graminearum</i> secretome	Frontiers in microbiology	1061	9	-	10.3389/fmicb.2018.01061	Demissie et al.
2018	Effects of UV-C treatment on browning and the expression of polyphenol oxidase (PPO) genes in different tissues of <i>Agaricus bisporus</i> during cold storage	Postharvest Biology and Technology	99-105	135	-	10.1016/j.postharvbio.2017.11.022	Lei et al.
2018	Biosynthesis of selenium nanoparticles and effects of selenite, selenate, and selenomethionine on cell growth and morphology in <i>Rahnella aquatilis</i> HX2	Applied Microbiology and Biotechnology	6191-6205	102	14	10.1007/s00253-018-9060-z	Zhu et al.
2018	Critical role of CD6highCD4+ T cells in driving Th1/Th17 cell immune responses and mucosal inflammation in IBD	Journal of Crohn's and Colitis	-	-	-	10.1093/ecco-jcc/jyy179	Ma et al.
2018	Elevation of serum pyruvate kinase M2 (PKM2) in IBD and its relationship to IBD indices	Clinical Biochemistry	19-24	53	-	10.1016/j.clinbiochem.2017.12.007	Almousa et al.

2018	Enhancing Expression of 3-Ketosteroid-9 α -Hydroxylase Oxygenase, an Enzyme with Broad Substrate Range and High Hydroxylation Ability, in <i>Mycobacterium</i> sp. LY ...	Applied Biochemistry and Biotechnology	-	-	-	10.1007/s12010-018-2876-2	Li et al.
2018	Expression patterns of programmed death ligand 1 correlate with different microenvironments and patient prognosis in hepatocellular carcinoma	British Journal of Cancer	80-88	119	1	10.1038/s41416-018-0144-4	Liu et al.
2018	Isolation and Characterization of a Green-Tissue Promoter from Common Wild Rice (<i>Oryza rufipogon</i> Griff.)	International Journal of Molecular Sciences	-	19	7	10.3390/ijms19072009	Xue et al.
2018	miR-590-5p suppresses hepatocellular carcinoma chemoresistance by targeting YAP1 expression	EBioMedicine	142-154	35	-	10.1016/j.ebiom.2018.08.010	Chen et al.
2018	Ta COLD 1 defines a new regulator of plant height in bread wheat	Plant Biotechnology Journal	-	-	-	10.1111/pbi.13008	Dong et al.
2018	The Modification of Cell Wall Properties by Expression of Recombinant Resilin in Transgenic Plants	Molecular Biotechnology	310-318	60	4	10.1007/s12033-018-0074-7	Preis et al.
2018	The Tomato BLADE ON PETIOLE and TERMINATING FLOWER Regulate Leaf Axil Patterning Along the Proximal-Distal Axes	Frontiers in Plant Science	1126	9	-	10.3389/fpls.2018.01126	Izhaki et al.
2018	Evidence for the activation of pyroptotic and apoptotic pathways in RPE cells associated with NLRP3 inflammasome in the rodent eye	Journal of Neuroinflammation	15	15	1	10.1186/s12974-018-1062-3	Gao et al.
2018	Co-occurrence of mixed proteinopathies in late-stage Huntington's disease	Acta Neuropathologica	249-265	135	2	10.1007/s00401-017-1786-7	St-Amour et al.
2018	Molecular characterization and expression analysis of T cell receptor (TCR) γ and δ genes in dojo loach (<i>Misgurnus anguillicaudatus</i>) in response to bacteria	Fish & Shellfish Humanology	641-652	86	-	10.1016/j.fsi.2018.11.045	Luo, Y. et al.
2018	Adipocyte-derived Lysophosphatidylcholine Activates Adipocyte and Adipose Tissue Macrophage Nod-Like Receptor Protein 3 Inflammasomes Mediating Homocysteine-Induced Insulin Resistance	EBioMedicine	202-216	1	31	10.1016/j.ebiom.2018.04.022	Zhang, S.Y. et al.
2018	Bromelain effectively suppresses Kras-mutant colorectal cancer by stimulating ferroptosis	Animal Cells and Systems	334-340	22	5	10.1080/19768354.2018.1512521	Park et al.
2018	Exogenous Pancreatic Kallikrein Improves Diabetic Cardiomyopathy in Streptozotocin-Induced Diabetes	Front Pharmacol.	855	9	-	10.3389/fphar.2018.00855	Wu et al.
2018	Luman Potentially Regulates Metabolism Through Modulation of the Hypothalamic-Pituitary-Adrenal Axis	Thesis & Dissertation	-	-	-	http://hdl.handle.net/10214/14605	Evan Taylor Tiegh
2018	Spirolactone Protects against Diabetic Cardiomyopathy in Streptozotocin-Induced Diabetic Rats	Journal of Diabetes Research	3	2018	-	10.1155/2018/9232065	Liu et al.
2018	The overlap between regeneration and fibrosis in injured skeletal muscle is regulated by phosphatidylinositol 3-kinase/Akt signaling pathway - A bioinformatic analysis based on lncRNA microarray	Gene	79-87	672	-	10.1016/j.gene.2018.06.001	Sun et al.
2018	The synergistic effect of NOD2 and TLR4 on the activation of autophagy in human submandibular gland inflammation	Oral Pathology and Medicine	87-95	48	1	10.1111/jop.12793	Li et al.
2018	Effect of the luxS gene on biofilm formation and antibiotic resistance by <i>Salmonella</i> serovar Dublin	Food Research International	385-393	107	-	10.1016/j.foodres.2018.02.039	Ju et al.
2018	Insulin-induced gene 1 (INSIG1) inhibits HIV-1 production by degrading Gag via activity of the ubiquitin ligase TRC8	Journal of Biological Chemistry	-	-	-	10.1074/jbc.RA118.004630	Zhang et al.
2018	Key factors identified by proteomic analysis in maize (<i>Zea mays</i> L.) seedlings' response to long-term exposure to different phosphate levels	Proteome Science	-	16	19	10.1186/s12953-018-0147-3	Sun et al.
2018	The E3 ligase C-CBL inhibits cancer cell migration by neddylation of the proto-oncogene c-Src.	Oncogene	5552-5568	37	41	10.1038/s41388-018-0354-5	Lee et al.
2018	Anatomical and biochemical analyses reveal the mechanism of double-color formation in <i>Paeonia suffruticosa</i> 'Shima Nishiki'."	3 Biotech	420	8	10	10.1007/s13205-018-1459-9	Zhang, X. et al.
2018	Changes of alternative splicing in <i>Arabidopsis thaliana</i> grown under different CO ₂ concentrations	Gene	43-50	689	-	10.1016/j.gene.2018.11.083	Huang et al.
2018	Characterization of the CDK5 gene in <i>Apis cerana cerana</i> (AccCDK5) and a preliminary identification of its activator gene, AccCDK5r1	Cell Stress and Chaperone	13-28	23	1	10.1007/s12192-017-0820-y	Zhao et al.
2018	Comparative Proteomic Analysis Reveals Elevated Capacity for Photosynthesis in Polyphenol Oxidase Expression-Silenced <i>Clematis terniflora</i> DC. Leaves	International Journal of Molecular Sciences	3897	19	12	10.3390/ijms19123897	Chen et al.

2018	Critical role of ROCK2 activity in facilitating mucosal CD4+ T cell activation in inflammatory bowel disease	Journal of Autoimmunity	125-138	89	-	10.1016/j.jaut.2017.12.009.	Yang et al.
2018	Exogenous Pi supplementation improved the salt tolerance of maize (Zea mays L.) by promoting Na+ exclusion	Scientific Reports	16203	8	1	10.1038/s41598-018-34320-y	Sun et al.
2018	Gamma-enolase predicts lung damage in severe acute pancreatitis-induced acute lung injury	Journal of Molecular Histology	347-356	49	4	10.1007/s10735-018-9774-3	Owusu et al.
2018	Genome-wide analysis of homeobox gene family in apple (Malus domestica Borkh.) and their response to abiotic stresses	Shandong Agricultural University	-	-	-	https://www.ias.ac.in/public/Resources/General/jgen/JGEN-D-18-00160/JGEN-D-18-00160.pdf	Li et al.
2018	Genome-wide sequence and expressional analysis of autophagy Gene family in bread wheat (Triticum aestivum L.).	Journal of plant physiology	7-21	229	-	10.1016/j.jplph.2018.06.012	Yue et al.
2018	Identification of a melatonin receptor type 1A gene (AccMTNR1A) in Apis cerana cerana and its possible involvement in the response to low temperature stress	The Science of Nature	24	105	####	10.1007/s00114-018-1546-0	Li et al.
2018	Immunoglobulin (Ig) heavy chain gene locus and immune responses upon parasitic, bacterial and fungal infection in loach, Misgurnus anguillicaudatus	Fish & Shellfish Humanology	1139-1150	86		10.1016/j.fsi.2018.12.064	Xu et al.
2018	Inhibition of starch branching enzymes in waxy rice increases the proportion of long branch-chains of amylopectin resulting in the comb-like profiles of starch granules	Plant Science	177-187	277	-	10.1016/j.plantsci.2018.09.008	He et al.
2018	iRoot FM exerts an antibacterial effect on Porphyromonas endodontalis and improves the properties of stem cells from the apical papilla	International Endodontic Journal	1139-1148	51	10	10.1111/iej.12923	Bi et al.
2018	L-arginine inhibited apoptosis of fish leukocytes via regulation of NF-κB-mediated inflammation, NO synthesis, and anti-oxidant capacity	Biochimie	62-72	158	-	10.1016/j.biochi.2018.12.010	Zheng et al.
2018	Major histocompatibility complex class IIA and IIB genes of loach (Misgurnus anguillicaudatus): Molecular cloning and expression analysis in response to bacterial and parasitic challenge	Aquaculture	359-369	500	-	10.1016/j.aquaculture.2018.10.043	Huang et al.
2018	Microcystin-leucine arginine (MC-LR) induced inflammatory response in bovine sertoli cell via TLR4/NF-kB signaling pathway.	Environmental toxicology and pharmacology	115-126	63	-	10.1016/j.etap.2018.09.001	Adegoke et al.
2018	Molecular characterization and expression analysis of interleukin 15 (IL15) and interleukin-15 receptor subunit alpha (IL15Rα) in dojo loach (Misgurnus anguillicaudatus): Their salient roles during bacterial, parasitic and fungal infection	Molecular immunology	293-305	103	-	10.1016/j.molimm.2018.10.012	Chen et al.
2018	Neonicotinoid insecticides imidacloprid, guadipyr, and cycloxaprid induce acute oxidative stress in Daphnia magna	Ecotoxicology and Environmental Safety	352-358	148	-	10.1016/j.ecoenv.2017.10.042	Qi et al.
2018	PGRP-LD mediates A. stephensi vector competency by regulating homeostasis of microbiota-induced peritrophic matrix synthesis	PLoS pathogens	e1006899	14	2	10.1371/journal.ppat.1006899	Song et al.
2018	Pretreatment with Lactobacillus reuteri F-9-35 attenuates ethanol-induced gastric injury in rats	Food & Nutrition Research	-	62	-	10.29219%2Ffnr.v62.1469	Sun et al.
2018	Selenium (Na2SeO3) Upregulates Expression of Immune Genes and Blood–Testis Barrier Constituent Proteins of Bovine Sertoli Cell In Vitro	Biological trace element research	332-343	185	2	10.1007/s12011-018-1248-7	Adegoke et al.
2018	Sodium Selenite inhibits mitophagy, downregulation and mislocalization of blood-testis barrier proteins of bovine Sertoli cell exposed to microcystin-leucine arginine (MC-LR) via TLR4/NF-kB and mitochondrial signaling pathways blockage	Ecotoxicology and environmental safety	165-175	166	-	10.1016/j.ecoenv.2018.09.073	Adegoke et al.
2018	The Protective Effect of Sheep Placental Extract on Concanavalin A-induced Liver Injury in Mice	Molecules	-	24	1	10.3390/molecules24010028	Liu et al.
2018	Focal selective chemo-ablation of spinal cardiac afferent nerve by resiniferatoxin protects the heart from pressure overload-induced hypertrophy	Biomed Pharmacother.	377-385	109	-	10.1016/j.biopha.2018.10.156	Wang et al.
2018	Novel Gene Encoding 5-Aminosalicylate 1,2-Dioxygenase from Comamonasp. Strain QT12 and Catalytic Properties of the Purified Enzyme	Journal of Bacteriology	9	200	1	10.1128/JB.00395-17	Yu et al.

2018	Biochemical characterization of isoprene synthase from <i>Ipomoea batatas</i>	Journal of Bioscience and Bioengineering	138-144	127	2	10.1016/j.jbiosc.2018.07.022	Li et al.
2018	Genomic predictions and genome-wide association study of resistance against <i>Piscirickettsia salmonis</i> in coho salmon (<i>Oncorhynchus kisutch</i>) using ddRAD sequencing	G3 (Bethesda)	1183-1194	8	4	10.1534/g3.118.200053	Barria et al.
2018	Rapid detection of low level HeLa cell contamination in cell culture using nested PCR	Journal of Cellular and Molecular Medicine	227-236	23	1	10.1111/jcmm.13923	Lin et al.
2018	Identification of <i>Haemonchus longistipes</i> from camels (<i>Camelus dromedaries</i>) by PCR	Online Journal of Veterinary Research	914-918	22	10	https://www.researchgate.net/publication/328416860_Identification_of_Haemonchus_longistipes_from_camels_Camelus_dromedaries_by_PCR	Al-Zubaidi et al.
2018	The fly factor phenomenon is mediated by interkingdom signaling between bacterial symbionts and their blow fly hosts	Insect Science	-	-	-	10.1111/1744-7917.12632	Uriel et al.
2018	Alliin attenuates 1, 3-dichloro-2-propanol-induced lipogenesis in HepG2 cells through activation of the AMP-activated protein kinase-dependent	Life Sciences	19-24	195	-	10.1016/j.lfs.2017.12.040	Lu, J. et al.
2018	Assay development and optimization for the validation and quantification of NHR2 tetramerization inhibitors and prediction of the binding mode	Thesis & Dissertation	-	-	-	https://d-nb.info/1172967989/34	Tobias Kröger
2018	Proteinimport in die Chromatophoren von <i>Paulinella chromatophora</i>	Thesis & Dissertation	-	-	-	https://docserv.uni-duesseldorf.de/servlets/DocumentServlet?id=44830	Anna Singer
2018	miR-466a Targeting of TGF-β2 Contributes to FoxP3+ Regulatory T Cell Differentiation	Frontiers in Immunology	688	9	-	10.3389/fimmu.2018.00688	Becker et al.
2018	Plasmid pcDNA3.1-s11 constructed based on the S11 segment of grass carp reovirus as DNA vaccine provides immune protection	Elsevier	3613-3621	36	25	10.1016/j.vaccine.2018.05.043	Gao et al.
2018	Enhanced Production of Recombinant Protein by Fusion Expression with Ssp DnaB Mini-Intein in the Baculovirus Expression System	Viruses	523	10	10	10.3390/v10100523	Gwak et al.
2018	Autofluorescence lifetime imaging of cellular metabolism: Sensitivity toward cell density, pH, intracellular, and intercellular heterogeneity	Cytometry Part A	56-59	95	1	10.1002/cyto.a.23603	Chacko et al.
2018	Compositions and methods for correcting limb girdle muscular dystrophy type 2c using exon skipping	US Patents	-	-	-	US20180080030A1	Elizabeth McNally, Eugene Wyatt
2018	Overview of PCR-Based Technologies and Multiplexed Gene Analysis for Biomarker Studies	Predictive Biomarkers in Oncology	63-67	-	-	10.1007/978-3-319-95228-4_5	Yesim Gökmen-Polar
2018	Simultaneous miRNA and mRNA transcriptome profiling of glioblastoma samples reveals a novel set of OncomiR candidates and their target genes	Brain Research	199-210	1700	-	10.1016/j.brainres.2018.08.035	Gulluoglu et al.
2018	Adenovirus complex for gene delivery and gene therapy	US Patents	-	-	-	-	Chae Ok Yun, Youjin NA
2018	NGAL promotes recruitment of tumor infiltrating leukocytes	Oncotarget	30761-30772	56	9	10.18632/oncotarget.25625	Pacifico et al.
2018	Suppression of PDHX by microRNA-27b deregulates cell metabolism and promotes growth in breast cancer	Molecular Cancer	43481	17	100	10.1186/s12943-018-0851-8	Eastlack et al.
2018	Compositions and methods for enhancing crispr activity by polq inhibition	US Patents	-	-	-	20180305697A1	Agnel Sfeir
2018	Dependence receptor UNC5A restricts luminal to basal breast cancer plasticity and metastasis	Breast Cancer Research	35	20	1	10.1186/s13058-018-0963-5	Padua et al.
2018	Increased Expression of Lysine-Specific Demethylase 5B (KDM5B) Promotes Tumor Cell Growth in Hep3B Cells and is an Independent Prognostic Factor in Patients with Hepatocellular Carcinoma	Med Sci Monit	7586-7594	24	-	10.12659/MSM.910844	Zhang et al.
2018	TRIM15 Exerts Anti-Tumor Effects Through Suppressing Cancer Cell Invasion in Gastric Adenocarcinoma	Med Sci Monit	8033-8041	24	-	10.12659/MSM.911142	Hong et al.

2018	UBE3A-mediated p18/LAMTOR1 ubiquitination and degradation regulate mTORC1 activity and synaptic plasticity	eLIFE	-	7	-	10.7554/eLife.37993	Sun et al.
2018	The nuclear receptor ROR α protects against angiotensin II-induced cardiac hypertrophy and heart failure	American Journal of Physiology-Heart and Circulatory Physiology	H186-H200	316	1	10.1152/ajpheart.00531.2018	Beak et al.
2018	In vivo phosphoproteomics reveals kinase activity profiles that predict treatment outcome in triple-negative breast cancer	Nat Commun	3501	9	1	10.1038/s41467-018-05742-z	Zagorac et al.
2018	Strategy of Human Cytomegalovirus To Escape Interferon Beta-Induced APOBEC3G Editing Activity	J Virol	-	92	19	10.1128/JVI.01224-18	Pautasso et al.
2018	Composition and Methods for Regulating Inhibitory Interactions in Genetically Engineered Cells	US Patents	-	-	-	20180161368	Valerie Odegard
2018	Klebsiella pneumoniae disassembles host microtubules in lung epithelial cells.	Cell Microbiol	-	-	-	10.1111/cmi.12977	Chua et al.
2018	Arginylation regulates adipogenesis by regulating expression of PPAR γ at transcript and protein level	Biochimica et Biophysica Acta (BBA) - Molecular and Cell Biology of Lipids	30383-4	-	18	10.1016/j.bbalip.2018.12.015	Singh et al.
2018	Activated β -catenin in Foxp3+ regulatory T cells links inflammatory environments to autoimmunity	NATURE IMMUNOLOGY	1391-1402	19	12	10.1038/s41590-018-0236-6	Sumida, T. et al.
2018	High prevalence of Streptococcus pyogenes Cas9-reactive T cells within the adult human population.	Nat Med	-	-	-	10.1038/s41591-018-0204-6	Wagner et al.
2018	Importance of Promyelocytic Leukemia Protein (PML) for Kaposi's Sarcoma-Associated Herpesvirus Lytic Replication	Frontiers in Microbiology	2324	9	-	10.3389/fmicb.2018.02324	Hossain et al.
2018	Menthol evokes Ca ²⁺ signals and induces oxidative stress independently of the presence of TRPM8 (menthol) receptor in cancer cells	Redox Biology	439-449	14	-	10.1016/j.redox.2017.10.009	Naziroğlu et al.
2018	The Effect of β -amyloid on Thioredoxin Antioxidant System	Thesis & Dissertation	-	-	-	http://hdl.handle.net/1993/33239	Yiran Wang
2018	RGS10 Regulates the Expression of Cyclooxygenase-2 and Tumor Necrosis Factor Alpha through a G Protein-Independent Mechanism	Molecular Pharmacology	1103-1113	94	4	10.1124/mol.118.111674	Alqinyah et al.
2018	Digoxin Suppresses Pyruvate Kinase M2-Promoted HIF-1 α Transactivation in Steatohepatitis	Cell Metab	339-350	27	2	10.1016/j.cmet.2018.01.007	Ouyang et al.
2018	ALK expression favorably impacts the prognosis of NRAS - mutated metastatic melanomas	Oncology Letters	7091-7096	16	6	10.3892/ol.2018.9560	Osella-Abate, S. et al.
2018	Posttranscriptional Regulation of Interleukin-33 Expression by MicroRNA-200 in Bronchial Asthma	Molecular Therapy	1808-1817	26	7	10.1016/j.ymthe.2018.04.016	Tang et al.
2018	Micro-RNA-181a suppresses progesterin-promoted breast cancer cell growth	Maturitas	60-66	114	-	10.1016/j.maturitas.2018.06.004	Gu et al.
2018	A Functional Mutation in KIAA1462 Promoter Decreases Glucocorticoid Receptor Affinity and Affects Egg-Laying Performance in Yangzhou Geese	Int. J. Mol. Sci.	1531	19	5	10.3390/ijms19051531	Mengyuan Xia, Wei Wei, Zaohang Jiang, Dandan He, Zhen Li, Shigang Yu, Qiushi Wang, Honglin Liu and Jie Chen *
2018	Let-7b contributes to hepatocellular cancer progression through Wnt/ β -catenin signaling	Saudi Journal of Biological Sciences	953-958	25	5	10.1016/j.sjbs.2018.03.004	Wang et al.
2018	Targeting CXCR7 improves the efficacy of breast cancer patients with tamoxifen therapy	Biochemical Pharmacology	128-140	147	-	10.1016/j.bcp.2017.11.013	Hao et al.
2018	ASPM promotes prostate cancer stemness and progression by augmenting Wnt- Dvl-3- β -catenin signaling	Oncogene	-	-	-	10.1038/s41388-018-0497-4	Pai et al.

2018	Cytoglobin inhibits migration through PI3K/AKT/mTOR pathway in fibroblast cells	Molecular and Cellular Biochemistry	133-142	437	1-2	10.1007/s11010-017-3101-2	Demirci et al.
2018	Hedgehog-YAP Signaling Pathway Regulates Glutaminolysis to Control Activation of Hepatic Stellate Cells	Gastroenterology	1465-1479	154	5	10.1053/j.gastro.2017.12.022	Du et al.
2018	Novel YAP1 Activator, Identified by Transcription-Based Functional Screen, Limits Multiple Myeloma Growth	Molecular Cancer Research	197-211	16	2	10.1158/1541-7786.MCR-17-0382	Maruyama et al.
2018	FAK auto-phosphorylation site tyrosine 397 is required for development but dispensable for normal skin homeostasis	Plos One	e0200558.	13	7	10.1371/journal.pone.0200558	Heim et al.
2018	MYC-dependent downregulation of telomerase by FLT3 inhibitors is required for their therapeutic efficacy on acute myeloid leukemia	Annals of Hematology	63-72	97	1	10.1007/s00277-017-3158-8	Zhang et al.
2018	Taste receptor T1R1/T1R3 promotes the tumoricidal activity of hepatic CD49a+CD49b- natural killer cells	European Journal of Immunology	2031-2041	48	12	10.1002/eji.201847688	Liu et al.
2018	Dysregulation of the NUDT7-PGAM1 axis is responsible for chondrocyte death during osteoarthritis pathogenesis	Nature Communications	3427	9	1	10.1038/s41467-018-05787-0	Song et al.
2018	MicroRNA-539 Inhibits the Epithelial-Mesenchymal Transition of Esophageal Cancer Cells by Twist-Related Protein 1-Mediated Modulation of Melanoma-Associated Antigen A4	Oncology Research	529-536	26	4	10.3727/096504017X14972679378357	Cao et al.
2018	Cytotoxic effects to mouse and human gingival fibroblasts of a nanohybrid ormocer versus dimethacrylate-based composites	Clinical Oral Investigation	133-139	23	1	10.1007/s00784-018-2419-9	Schubert et al.
2018	Association of metreleptin treatment and dietary intervention with neurological outcomes in Celia's encephalopathy	Nature European Journal of Human Genetics	396-406	26	3	10.1038/s41431-017-0052-8	Araujo-Vilar et al.
2018	Does Seipin Play a Role in Oxidative Stress Protection and Peroxisome Biogenesis? New Insights from Human Brain Autopsies	Neuroscience	119-137	396	-	10.1016/j.neuroscience.2018.11.004	Sanchez-Iglesias et al.
2018	Polypharmacological Profiles Underlying the Antitumor Property of Salvia miltiorrhiza Root (Danshen) Interfering with NOX-Dependent Neutrophil Extracellular Traps	Oxidative Medicine and Cellular Longevity	-	2018	-	10.1155/2018/4908328	Tao et al.
2018	BTKCys481Ser drives ibrutinib resistance via ERK1/2, and protects BTKWild-Type MYD88 mutated cells by a paracrine mechanism.	Blood	2047-2059	131	18	10.1182/blood-2017-10-811752	Chen et al.
2018	Death receptor 5 is activated by fucosylation in colon cancer cells	The FEBS Journal	-	-	-	10.1111/febs.14742	Zhang et al.
2018	Mammalian EAK-7 activates alternative mTOR signaling to regulate cell proliferation and migration	Science Advances	-	4	5	10.1126/sciadv.aao5838	Nguyen et al.
2018	Low-Density Lipoprotein Receptor-Related Protein 6 Is Essential for Trophoblast Survival and Invasion	Reproductive Sciences	35-43	26	1	10.1177/1933719118756773	Li et al.
2018	Targeting Hypoxia-Inducible Factor-1a/Pyruvate Dehydrogenase Kinase 1 Axis by Dichloroacetate Suppresses Bleomycin-induced Pulmonary Fibrosis	American Journal of Respiratory Cell and Molecular Biology	216-231	58	2	10.1165/rcmb.2016-0186OC	Goodwin et al.
2018	SERPINB2 is a novel indicator of stem cell toxicity	Cell Death and Disease	724	9	7	10.1038/s41419-018-0748-x	Lee et al.
2018	MicroRNA-1297 contributes to the progression of human cervical carcinoma through PTEN.	Artif Cells Nanomed Biotechnol	43472	-	-	10.1080/21691401.2018.1479711	Chen et al.
2018	microRNA-1297 involves in the progression of oral squamous cell carcinoma through PTEN	Saudi J Biol Sci.	923-927	25	5	10.1016/j.sjbs.2018.01.013	Liang et al.
2018	Polycomb group protein Suz12 is regulated by a novel miRNA-like small RNA	Scientific Reports	1720	8	1	10.1038/s41598-018-19989-5	Penformis et al.
2018	Kbtbd2 inhibits the cytotoxic activity of immortalized NK cells through down-regulating mTOR signaling in a mouse hepatocellular carcinoma model	European Journal of Immunology	683-695	48	4	10.1002/eji.201747281	Da et al.
2018	1,25-Dihydroxyvitamin D3 inhibits the proliferation of rat mesangial cells induced by high glucose via DDIT4	Oncotarget	418-427	9	1	10.18632/oncotarget.23063	Chen, D. et al.
2018	Tousled-like kinases stabilize replication forks and show synthetic lethality with checkpoint and PARP inhibitors	Science Advances	-	4	8	10.1126/sciadv.aat4985	Lee et al.
2018	Distinct roles for phosphoinositide 3-kinases γ and δ in malignant B cell migration	Leukemia	1958-1969	32	9	10.1038/s41375-018-0012-5	Ali et al.
2018	Human ALPI deficiency causes inflammatory bowel disease and highlights a key mechanism of gut homeostasis	EMBO Molecular Medicine	e8483	10	4	10.15252/emmm.201708483	Parlato et al.

2018	Immune cells inhibit the tumor metastasis in the 4D cellular lung model by reducing the number of live circulating tumor cells	Nature Scientific Reports	16569	8	1	10.1038/s41598-018-34983-7	Mishra et al.
2018	Long noncoding RNA LINC01133 inhibits oral squamous cell carcinoma metastasis through a feedback regulation loop with GDF15	Journal of Surgical Oncology	1326-1334	118	8	10.1002/jso.25278	Kong et al.
2018	Reciprocal Signaling between Glioblastoma Stem Cells and Differentiated Tumor Cells Promotes Malignant Progression	Cell Stem Cell	514-528	22	4	10.1016/j.stem.2018.03.011	Wang et al.
2018	Using the lentiviral vector system to stably express chicken P-gp and BCRP in MDCK cells for screening the substrates and studying the interplay of both transporters	Archives of Toxicology	2027-2042	92	6	10.1007/s00204-018-2209-9	Zhang et al.
2018	CD95/Fas ligand mRNA is toxic to cells	elife	e38621	7	-	10.7554/eLife.38621	Putzbach et al.
2018	Modified Rat Hepatocellular Carcinoma Models Overexpressing Vascular Endothelial Growth Factor	Journal of Vascular and Interventional Radiology	1604-1612	29	11	10.1016/j.jvir.2018.07.005	Choi et al.
2018	The miR 3127 5p/p STAT3 axis up regulates PD L1 inducing chemoresistance in non small cell lung cancer	Journal of Cellular and Molecular Medicine	3847-3856	22	8	10.1111/jcmm.13657	Tang et al.
2018	The interaction between IKK α and LC3 promotes type I interferon production through the TLR9-containing LAPosome	Science Signalling	-	11	528	10.1126/scisignal.aan4144	Hayashi et al.
2018	An optimized toolkit for precision base editing	BioRxiv	-	-	-	10.1101/303131	Zafra, M. P. et al.
2018	Comparison of Zinc Finger Nucleases Versus CRISPR-Specific Nucleases for Genome Editing of the Wiskott-Aldrich Syndrome Locus	Human Gene Therapy	366 - 380	29	3	10.1089/hum.2017.047	Gutierrez-Guerrero et al.
2018	Ipsc-ec performance enhancement via sirt1 overexpression	US Patents	-	-	-	US20180201899	Guillermo A Ameer, Bin Jiang, Michele Jen, Jason A Wertheim
2018	Localized immunomodulation with anti-inflammatory cytokine encoding lentivirus enhances functional regeneration after spinal cord injury	Molecular Therapy	1756-1770	26	7	10.1016/j.ymthe.2018.04.022	Park et al.
2018	Optimized base editors enable efficient editing in cells, organoids and mice	Nat Biotechnol	888-893	36	9	10.1038/nbt.4194	Zafra et al.
2018	Quantitative Analysis of Interaction Between CADM1 and Its Binding Cell-Surface Proteins Using Surface Plasmon Resonance Imaging	Journal of Cell and Developmental Biology	86	6	-	10.3389/fcell.2018.00086	Ito et al.
2018	Silencing brain catalase expression reduces ethanol intake in developmentally-lead-exposed rats	NeuroToxicology	180-186	70	-	10.1016/j.neuro.2018.10.010	Mattalloni et al.
2018	Suppression of dsRNA response genes and innate immunity following Oct4, Stella, and Nanos2 overexpression in mouse embryonic fibroblasts	Cytokine	1-11	106	-	10.1016/j.cyto.2018.02.021	Farshchian et al.
2018	The IS2 Element Improves Transcription Efficiency of Integration-Deficient Lentiviral Vector Episomes	Molecular Therapy — Nucleic Acids	16-28	13	-	10.1016/j.omtn.2018.08.007	Sánchez-Hernández et al.
2018	Wound healing through sirt1 overexpression	US Patent	-	-	-	US20180303941A1	Guillermo A. Ameer, Michele Jen
2018	Hypoxia induces lactate secretion and glycolytic efflux by downregulating mitochondrial pyruvate carrier levels in human umbilical vein endothelial cells	Molecular Medicine Reports	1710-1717	18	2	10.3892/mmr.2018.9079	Wang et al.
2018	Lactobacillus reuteri F 9 35 Prevents DSS Induced Colitis by Inhibiting Proinflammatory Gene Expression and Restoring the Gut Microbiota in Mice	Journal of Food Science	2645-2652	83	10	10.1111/1750-3841.14326	Sun et al.
2018	MicroRNA-590-5p Inhibits Intestinal Inflammation by Targeting YAP	Journal of Crohn's and Colitis	993-1004	12	8	https://doi.org/10.1093/ecco-jcc/jjy046	Yu et al.
2018	Novel mutant P277 peptide VP to ameliorate atherogenic side-effects and to preserve anti-diabetic effects in NOD mice	Exp Res Cell	399-408	371	2	10.1016/j.yexcr.2018.08.034	Zhang et al.

2018	Reducing inflammation through delivery of lentivirus encoding for anti-inflammatory cytokines attenuates neuropathic pain after spinal cord injury	Journal of Controlled Release	88-101	290	-	10.1016/j.jconrel.2018.10.003	Park et al.
2018	AT rich interactive domain 5B regulates androgen receptor transcription in human prostate cancer cells	The Prostate	1238-1247	78	16	10.1002/pros.23699	Yamakawa et al.
2018	KLF2 mediates enhanced chemoreflex sensitivity, disordered breathing and autonomic dysregulation in heart failure	Journal of Physiology	3171-3185	596	15	10.1113/JP273805	Marcus et al.
2018	Knockdown of sal like 4 expression by small interfering RNA induces apoptosis in breast cancer cells	Journal of Cellular Biochemistry	-	-	-	10.1002/jcb.28214	Hesari et al.
2018	STAT3/PIAS3 levels serve as "early signature" genes in the development of high-grade serous carcinoma from the fallopian tube	Cancer Research	1739-1750	78	7	10.1158/0008-5472.CAN-17-1671	Saini et al.
2018	YAP1 and COX2 Coordinately Regulate Urothelial Cancer Stem-like Cells	Tumor Biology and Immunology	168-181	78	1	10.1158/0008-5472.CAN-17-0836	Ooki et al.
2018	New role of hypoxia in pathophysiology of multiple myeloma through miR-210	EXCLI Journal	647-662	17	-	10.17179/excli2018-1109	Saba et al.
2018	miR-195 targets cyclin D3 and survivin to modulate the tumorigenesis of non-small cell lung cancer	Cell Death & Disease	193	9	2	10.1038/s41419-017-0219-9	Yu et al.
2018	Helicobacter pylori-induced miR-135b-5p promotes cisplatin resistance in gastric cancer	The FASEB Journal	264-274	33	1	10.1096/fj.201701456RR	Shao et al.
2018	Circulating miR-421 Targeting Leucocytic Angiotensin Converting Enzyme 2 Is Elevated in Patients with Chronic Kidney	Nephron	61-74	141	1	10.1159/000493805	Trojanowicz et al.
2018	Upregulation of miR-210 promotes differentiation of mesenchymal stem cells (MSCs) into osteoblasts	Bosn J Basic Med Sci	328-335	18	4	10.17305/bjbms.2018.2633	Asgharzadeh et al.
2018	Ultra-Sensitive Strain Sensor Based on Flexible Poly(vinylidene fluoride) Piezoelectric Film	Nanoscale Research Letters	83	13	-	10.1186/s11671-018-2492-7	Kai et al.
2018	The late embryogenesis abundant gene family in tea plant (Camellia sinensis): Genome-wide characterization and expression analysis in response to cold and dehydration stress		277-286	135	-	10.1016/j.plaphy.2018.12.009	Yu et al.
2018	AP-2 ϵ Expression in Developing Retina: Contributing to the Molecular Diversity of Amacrine Cells	Scientific Reports	3386	8	1	10.1038/s41598-018-21822-y	Jain et al.
2018	Transcriptomic analysis of useful genes applicable for RNAi based control of the small brown planthopper and rice stripe virus	Thesis and Dissertation	-	-	-	http://hdl.handle.net/10371/140798	Fang, Y
2018	Transient Anosmia Induces Depressive-like and Anxiolytic-like Behavior and Reduces Amygdalar Corticotropin-Releasing Hormone in a ZnSO ₄ -Induced Mouse Model	Chemical Senses	213-221	43	4	10.1093/chemse/bjy008	Ahn et al.
2018	A positive feedback regulation of Heme oxygenase 1 by CELF1 in cardiac myoblast cells	BBA	30272-4	-	18	10.1016/j.bbagr.2018.11.006	Liu, A. et al.
2018	Expression of VHL tumor suppressor mRNA and miR-92a in papillary thyroid carcinoma and their correlation with clinical and pathological parameters	Medical Oncology	17	35	2	10.1007/s12032-017-1066-3	Todorović et al.
2018	Bromodomain-containing protein 7 sensitizes breast cancer cells to paclitaxel by activating Bcl2-antagonist/killer protein	Oncology reports	-	-	-	10.3892/or.2018.6951	Ma et al.
2018	Ultrafine particle exposure reveals the importance of FOXO1/Notch activation complex for vascular regeneration	Antioxidants & Redox Signaling	1209-1223	28	13	10.1089/ars.2017.7166	In Baek et al.
2018	Ac34 protein of AcMNPV promoted progeny virus production and induced the apoptosis in host Sf9 cells	Biotechnology Letters	147-158	41	1	10.1007/s10529-018-2623-3	Zhang, B. et al.
2018	Expression Levels of Transposable Elements in Brachypodium distachyon	Fresenius Environmental Bulletin	2280-2285	27	4	-	Tugba Gurkok
2018	FAM210A is a novel determinant of bone and muscle structure and strength	Proceedings of the National Academy of Sciences	E3759-E3768	115	16	10.1073/pnas.1719089115	Tanaka et al.
2018	LncRNA NKILA regulates endothelium inflammation by controlling a NF- κ B/KLF4 positive feedback loop	Journal of Molecular and Cellular Cardiology	60-69	126	-	10.1016/j.jmcc.2018.11.001	Zhu et al.
2018	Maternal diabetes up regulates NOX2 and enhances myocardial ischaemia/reperfusion injury in adult offspring	Journal of Cellular and Molecular Medicine	2200-2209	22	4	10.1111/jcmm.13500	Zhang et al.
2018	Selectable marker recycling in the nonconventional yeast Xanthophyllomyces dendrorhous by transient expression of Cre on a genetically unstable vector	Appl Microbiol Biotechnol	-	-	-	10.1007/s00253-018-9496-1	Zhang et al.

2018	The protective role of glutamine on enteropathy induced by high dose of soybean meal in turbot, <i>Scophthalmus maximus</i> L.	Aquaculture	510-519	497	-	10.1016/j.aquaculture.2018.08.021	Liu et al.
2018	Altered susceptibility to apoptosis and N-glycan profiles of hematopoietic KG1a cells following co-culture with bone marrow-derived stromal cells under hypoxic conditions	Oncol Rep	1477-1486	40	3	10.3892/or.2018.6548	Pang, X. et al.
2018	Phloroglucinol ameliorates cognitive impairments by reducing the amyloid β peptide burden and pro-inflammatory cytokines in the hippocampus of 5XFAD mice	Free Radic Biol Med	221-234	126	-	10.1016/j.freeradbiomed.2018.08.016	Yang et al.
2018	TGF- β -SMAD-miR-520e axis regulates NSCLC metastasis through a TGFBR2-mediated negative feedback loop	Carcinogenesis	-	-	-	10.1093/carcin/bgy166	Kucuksayan et al.
2018	In silico analysis identifies CRISP3 as a potential peripheral blood biomarker for multiple myeloma: From data modeling to validation with RT-PCR	Oncol Lett	5167-5174	15	4	10.3892/ol.2018.7969	Leng et al.
2018	Indeterminate Spikelet1 Recruits Histone Deacetylase and a Transcriptional Repression Complex to Regulate Rice Salt Tolerance	Plant Physiol	824-837	178	2	10.1104/pp.18.00324	Cheng et al.
2018	Knockdown of angiotensin-like 2 mimics the benefits of intermittent fasting on insulin responsiveness and weight loss	Exp Biol Med (Maywood)	45-49	243	1	10.1177/1535370217745505	Martel et al.
2018	SNCA, a novel biomarker for Group 4 medulloblastomas, can inhibit tumor invasion and induce apoptosis	Cancer Sci	1263-1275	109	4	10.1111/cas.13515	Li et al.
2018	Stevioside inhibits transforming growth factor- β 1-induced cardiac fibroblast differentiation and collagen synthesis by modulation of Smad signaling pathway	Journal of Functional Foods	384-390	49	-	10.1016/j.jff.2018.09.004	Wang et al.
2018	Zbed3 participates in the subcortical maternal complex and regulates the distribution of organelles	J Mol Cell Biol	74-88	10	1	10.1093/jmcb/mjx035	Gao et al.
2018	MiR-145 improves macrophage-mediated inflammation through targeting Arf6	Endocrine	73-82	60	1	10.1007/s12020-018-1521-8	Li et al.
2018	Comparison of miRNA Profiles of Cord Blood Stem Cells in Identical and Fraternal Twins	Cell Journal	78-85	21	1	10.22074/cellj.2019.5683	Ajami et al.
2018	Genetic Modulation of RNA Splicing with a CRISPR-Guided Cytidine Deaminase	Mol Cell	380-394	72	2	10.1016/j.molcel.2018.09.002	Yuan et al.
2018	Ginger Extract Ameliorates Obesity and Inflammation via Regulating MicroRNA-21/132 Expression and AMPK Activation in White Adipose Tissue	Nutrients	E1567	10	11	10.3390/nu10111567	Kim et al.
2018	MicroRNA-21 down-regulates inflammation and inhibits periodontitis	Mol Immunol	608-614	101	-	10.1016/j.molimm.2018.05.008	Zhou et al.
2018	miRNA-146a expression as anti-inflammatory marker in Diabetic Nephropathy	J Pharm Sci & Res	2960-2963	10	11	10.13140/RG.2.2.16083.84006	Jabbar et al.
2018	Monitoring of platelet function parameters and microRNA expression levels in patients with prostate cancer treated with volumetric modulated arc radiotherapy	Oncology Letters	4745-4753	16	4	10.3892/ol.2018.9167	Bahtiyar et al.
2018	Centrosomal protein Dzip11 binds Cby, promotes ciliary bud formation, and acts redundantly with Bromi to regulate ciliogenesis in the mouse	Development	-	145	6	10.1242/dev.164236	Wang et al.
2018	Development of Novel Single-Chain Antibodies against the Hydrophobic HPV-16 E5 Protein	Biomed Research International	5809028	2018	-	10.1155/2018/5809028	Monjarás-Ávila et al.
2018	Effect of nutrient deprivation on the expression and the epigenetic signature of sirtuin genes	Nutr Metab Cardiovasc Dis	418-424	28	4	10.1016/j.numecd.2018.02.004	Zullo et al.
2018	Generation of trichogenic adipose-derived stem cells by expression of three factors	J Dermatol Sci	18-29	92	1	10.1016/j.jdermsci.2018.08.004	Choi et al.
2018	Genome-wide analysis of autophagy-related genes (ARGs) in grapevine and plant tolerance to copper stress	Planta	1449-1463	247	6	10.1007/s00425-018-2864-3	Shangguan et al.
2018	Genome-wide identification and characterization of the CsSnRK2 family in <i>Camellia sinensis</i>	Plant Physiol Biochem	287-296	132	-	10.1016/j.plaphy.2018.09.021	Zhang et al.
2018	Improved systemic metabolism and adipocyte biology in miR-150 knockout mice	Metabolism	139-148	83	-	10.1016/j.metabol.2017.12.018	Kang et al.
2018	In silico analysis identifies CRISP3 as a potential peripheral blood biomarker for multiple myeloma: From data modeling to validation with RT-PCR	Oncol Lett.	5167-5174	15	4	10.3892/ol.2018.7969	Leng et al.
2018	MicroRNA let-7b inhibits keratinocyte differentiation by targeting IL-6 mediated ERK signaling in psoriasis	Cell Communication and Signaling	43477	16	58	10.1186/s12964-018-0271-9	Wu et al.
2018	Minoxidil Promotes Hair Growth through Stimulation of Growth Factor Release from Adipose-Derived Stem Cells	Int J Mol Sci	-	19	3	10.3390/ijms19030691	Choi et al.

2018	Mitochondrial permeability regulates cardiac endothelial cell necroptosis and cardiac allograft rejection	American Journal of Transplantation	-	-	-	10.1111/ajt.15112	Gan et al.
2018	Oocyte maturation and origin of the germline as revealed by the expression of Nanos-like in the Pacific oyster <i>Crassostrea gigas</i>	Gene	41-50	663	-	10.1016/j.gene.2018.04.021	Xu et al.
2018	Rab34 small GTPase is required for Hedgehog signaling and an early step of ciliary vesicle formation in the mouse	J Cell Sci	-	131	21	10.1242/jcs.213710	Xu et al.
2018	Sex- and brain region-specific patterns of gene expression associated with socially-mediated puberty in a eusocial mammal	PLoS One	-	13	2	10.1371/journal.pone.0193417	Faykoo-Martinez et al.
2018	UNG-1 and APN-1 are the major enzymes to efficiently repair 5-hydroxymethyluracil DNA lesions in <i>C. elegans</i>	Scientific Reports	6860	8	-	10.1038/s41598-018-25124-1	Papuluca et al.
2018	Vaccination at different anatomic sites induces different levels of the immune responses	Res Vet sci	50-55	122	-	10.1016/j.rvsc.2018.11.005	Jin et al.
2018	Differential soil microbial community responses to the linkage of soil organic carbon fractions with respiration across land-use changes	Forest Ecology and Management	170-178	409	-	10.1016/j.foreco.2017.11.011	Ren et al.
2018	Effects of Different Nitrogen Application Rates on Starch Accumulation, Starch Synthase Gene Expression and Enzyme Activity in Two Distinctive Potato Cultivars	Potato Research	309-326	61	4	10.1007/s11540-018-9379-y	Li et al.
2018	Inhibitory effects of cycloastragenol on abdominal aortic aneurysm and its related mechanisms	British Journal of Pharmacology	282-296	176	2	10.1111/bph.14515	Wang et al.
2018	Platinated graphene oxide: A nanoplatform for efficient gene-chemo combination cancer therapy	European Journal of Pharmaceutical Sci.	319-329	121	-	10.1016/j.ejps.2018.06.009	Liu et al.
2018	A novel miRNA, miR-13664, targets CpCYP314A1 to regulate deltamethrin resistance in <i>Culex pipiens pallens</i>	Parasitology	1-9	-	7	10.1017/S0031182018001002	Sun, X. H. et al.
2018	Activation of Toll-like receptor 3 promotes pathological corneal neovascularization by enhancement of SDF-1-mediated endothelial progenitor cell recruitment	Experimental Eye Research	177-185	178	-	10.1016/j.exer.2018.10.005	Zhao, R. et al.
2018	An Integrative Volatile Terpenoid Profiling and Transcriptomics Analysis for Gene Mining and Functional Characterization of AvBPPS and AvPS Involved in the Monoterpenoid Biosynthesis in <i>Amomum villosum</i>	Front Plant Sci	846	9	-	10.3389/fpls.2018.00846	Wang, H. et al.
2018	Betaglycan (TGFBR3) Functions as an Inhibin A, but Not Inhibin B, Coreceptor in Pituitary Gonadotrope Cells in Mice	Endocrinology	4077-4091	159	12	10.1210/en.2018-00770	Li et al.
2018	CMV2b-Dependent Regulation of Host Defense Pathways in the Context of Viral Infection	Viruses	E618	10	11	10.3390/v10110618	Zhao et al.
2018	Cold Shock Induced Protein RBM3 but Not Mild Hypothermia Protects Human SH-SY5Y Neuroblastoma Cells From MPP+-Induced Neurotoxicity	Front Neurosci	298	12	-	10.3389/fnins.2018.00298	Yang et al.
2018	Detection of promoter methylation status of suppressor of cytokine signaling 3 (SOCS3) in tissue and plasma from Chinese patients with different hepatic diseases	Clin Exp Med	79-87	18	1	10.1007/s10238-017-0473-2	Wei et al.
2018	Dual role of SND1 facilitates efficient communication between abiotic stress signalling and normal growth in <i>Arabidopsis</i>	Scientific Reports	10114	8	1	10.1038/s41598-018-28413-x	Jeong et al.
2018	Effects of nuclear factor I phosphorylation on calpastatin (CAST) gene variant expression and subcellular distribution in malignant glioma cells	The Journal of Biological Chemistry	-	-	-	10.1074/jbc.RA118.004787	Vo et al.
2018	Evaluation of vitrification protocol of mouse ovarian tissue by effect of DNA methyltransferase-1 and paternal imprinted growth factor receptor-binding protein 10 on signaling pathways	Cryobiology	89-95	80	-	10.1016/j.cryobiol.2017.11.008	He et al.
2018	Functional Characterization of <i>Arabidopsis</i> PHL4 in Plant Response to Phosphate Starvation	Front Plant Sci	1432	9	-	10.3389/fpls.2018.01432	Wang et al.
2018	Gene expression profiles of putative biomarkers in juvenile loggerhead sea turtles (<i>Caretta caretta</i>) exposed to polycyclic aromatic hydrocarbons	Environmental Pollution	99-106	246	-	10.1016/j.envpol.2018.11.098	Cocci et al.
2018	Histone demethylase KDM7A controls androgen receptor activity and tumor growth in prostate cancer	Int J Cancer	2849-2861	143	11	10.1002/ijc.31843	Lee et al.
2018	IgM and IgD heavy chains of yellow catfish (<i>Pelteobagrus fulvidraco</i>): Molecular cloning, characterization and expression analysis in response to bacterial infection	Fish Shellfish Immunol	233-243	84	-	10.1016/j.fsi.2018.10.012	Xu et al.

2018	Knockout of CTNNB1 by CRISPR-Cas9 technology inhibits cell proliferation through the Wnt/b-catenin signaling pathway	Biotechnol Lett	501-508	40	3	10.1007/s10529-017-2491-2	Guan et al.
2018	Loss of SETDB1 decompacts the inactive X chromosome in part through reactivation of an enhancer in the IL1RAPL1 gene	Sun and Chadwick Epigenetics & Chromatin	45	11	1	10.1186/s13072-018-0218-9	Sun et al.
2018	Maintenance of human haematopoietic stem and progenitor cells in vitro using a chemical cocktail	Cell Discovery	59	4	-	10.1038/s41421-018-0059-5	Jiang et al.
2018	Mechanistic insights into geniposide regulation of bile salt export pump (BSEP) expression	RSC Adv	37117-37128	8	-	10.1039/C8RA06345A	Wu et al.
2018	miR-590-3p Promotes Ovarian Cancer Growth and Metastasis via a Novel FOXA2-Versican Pathway	Cancer Res	4175-4190	78	15	10.1158/0008-5472.CAN-17-3014	Salem et al.
2018	Molecular characterization and expression analysis of complement component 3 in dojo loach (<i>Misgurnus anguillicaudatus</i>)	Fish Shellfish Immunol	484-493	72	-	10.1016/j.fsi.2017.11.022	Xu et al.
2018	Molecular characterization and expression analysis of T cell receptor (TCR) γ and δ genes in dojo loach (<i>Misgurnus anguillicaudatus</i>) in response to bacterial, parasitic and fungal challenge	Fish Shellfish Immunol	641-652	86	-	10.1016/j.fsi.2018.11.045	Luo et al.
2018	Molybdate Attenuates Lipid Accumulation in the Livers of Mice Fed a Diet Deficient in Methionine and Choline	Biol Pharm Bull	1203–1210	41	8	10.1248/bpb.b18-00020	Lee et al.
2018	Nano-loaded human umbilical cord mesenchymal stem cells as targeted carriers of doxorubicin for breast cancer therapy	Artif Cells Nanomed Biotechnol	43476	-	-	10.1080/21691401.2018.1434185	Cao et al.
2018	Novel Regulatory Roles of Wnt1 in Infection-Associated Colorectal Cancer	Neoplasia	499-509	20	5	10.1016/j.neo.2018.03.001	Wang et al.
2018	Ponicidin inhibits pro-inflammatory cytokine TNF- α induced epithelial–mesenchymal transition and metastasis of colorectal cancer cells via suppressing the AKT/GSK-3 β /Snail pathway	inflammopharmacology	-	-	-	10.1007/s10787-018-0534-5	Zhang et al.
2018	Preventive effects of astragaloside IV and its active sapogenin cycloastragenol on cardiac fibrosis of mice by inhibiting the NLRP3 inflammasome	Eur J Pharmacol	545-554	833	-	10.1016/j.ejphar.2018.06.016	Wan et al.
2018	T cell receptor (TCR) α and β genes of loach (<i>Misgurnus anguillicaudatus</i>): Molecular cloning and expression analysis in response to bacterial, parasitic and fungal challenges	Developmental and Comparative Immunology	90-99	90	-	10.1016/j.dci.2018.09.005	Yu et al.
2018	The garlic allelochemical DADS influences cucumber root growth involved in regulating hormone levels and modulating cell cycling	J Plant Physiol	51-60	230	-	10.1016/j.jplph.2018.08.007	Ren et al.
2018	Transcriptome Profiling of Panc-1 Spheroid Cells with Pancreatic Cancer Stem Cells Properties Cultured by a Novel 3D Semi-Solid System	Cell Physiol Biochem	2109-2125	47	5	10.1159/000491479	Yang et al.
2018	Whole-transcriptome splicing profiling of E7.5 mouse primary germ layers reveals frequent alternative promoter usage during mouse early embryogenesis	Biol Open	-	7	3	10.1242/bio.032508	Lu et al.
2018	Griffithsin inhibits porcine reproductive and respiratory syndrome virus infection in vitro	Archives of Virology	3317–3325	163	12	10.1007/s00705-018-4029-x	Li et al.
2018	PRMT6 Regulates RAS/RAF Binding and MEK/ERK-Mediated Cancer Stemness Activities in Hepatocellular Carcinoma through CRAF Methylation	Cell Rep	690-701	25	3	10.1016/j.celrep.2018.09.053	Chan et al.
2018	Conserved Active-Site Residues Associated with OAS Enzyme Activity and Ubiquitin-Like Domains Are Not Required for the Antiviral Activity of goOASL Protein against Avian Tembusu Virus	Viruses	371	10	7	10.3390/v10070371	Chen et al.
2018	The inhibitory effect of Manuka honey on human colon cancer HCT-116 and LoVo cell growth. Part 1: the suppression of cell proliferation, promotion of apoptosis and arrest of the cell cycle	Food Funct	2145-2157	9	4	10.1039/c8fo00164b	Alsfrin et al.
2018	Poor expression of microRNA-135b results in the inhibition of cisplatin resistance and proliferation and induces the apoptosis of gastric cancer cells through MST1 ...	FASEB Journal	-	-	-	10.1096/fj.201800618RRR	Zhao et al.
2018	SNHG16/miR-140-5p axis promotes esophagus cancer cell proliferation, migration and EMT formation through regulating ZEB1	Oncotarget	1028–1040	9	1	10.18632/oncotarget.23178	Zhang et al.

2018	PU.1/microRNA-142-3p targets ATG5/ATG16L1 to inactivate autophagy and sensitize hepatocellular carcinoma cells to sorafenib	Cell Death & Disease	13	9	312	10.1038/s41419-018-0344-0	Zhang et al.
2018	Long non-coding RNA ROR promotes radioresistance in hepatocellular carcinoma cells by acting as a ceRNA for microRNA-145 to regulate RAD18 expression	Archives of Biochemistry and Biophysics	117-125	645	-	10.1016/j.abb.2018.03.018	Chen et al.
2018	Methylation of the HOXA10 Promoter Directs miR-196b-5p-Dependent Cell Proliferation and Invasion of Gastric Cancer Cells	Molecular Cancer Research	696–706	16	4	10.1158/1541-7786.MCR-17-0655	Shao et al.
2018	Effects of downregulated expression of microRNA - 187 in gastric cancer	Experimental and Therapeutic Medicine	1061-1070	16	2	10.3892/etm.2018.6318	Chen et al.
2018	A novel long non-coding RNA-PRLB acts as a tumor promoter through regulating miR-4766-5p/SIRT1 axis in breast cancer	Cell Death and Disease	563	9	5	10.1038/s41419-018-0582-1	Liang, Y. et al.
2018	Compositions and Methods for the Diagnosis and Treatment of Lupus Nephritis	US Patents	-	-	-	US20180057883A1	Patricia Costa Reis, Kathleen Sullivan
2018	The Parkinson's disease gene product DJ-1 modulates miR-221 to promote neuronal survival against oxidative stress	Redox Biology	62-73	19	-	10.1016/j.redox.2018.07.021	Oh et al.
2018	MicroRNA-224 down-regulates Glycine N-methyltransferase gene expression in Hepatocellular Carcinoma	Scientific Reports	12284	8	1	10.1038/s41598-018-30682-5	Hung et al.
2018	MicroRNA-26b-5p regulates cell proliferation, invasion and metastasis in human intrahepatic cholangiocarcinoma by targeting S100A7	Oncology Letters	386-392	15	1	10.3892/ol.2017.7331	Fan et al.
2018	Epigenetic silencing of miR 1271 enhances MEK1 and TEAD4 expression in gastric cancer	Cancer Medicine	3411-3424	7	7	10.1002/cam4.1605	Lim et al.
2018	HOXD-AS1 exerts oncogenic functions and promotes chemoresistance in cisplatin-resistant cervical cancer cells	Human Gene Therapy	-	29	12	10.1089/hum.2017.256	Hou et al.
2018	miR 203 accelerates apoptosis and inflammation induced by LPS via targeting NFIL3 in cardiomyocytes	Journal of Cellular Biochemistry	-	-	-	10.1002/jcb.27955	Li et al.
2018	miR-26a Potentially Contributes to the Regulation of Fatty Acid and Sterol Metabolism In Vitro Human HepG2 Cell Model of Nonalcoholic Fatty Liver Disease	Oxidative Medicine and Cellular Longevity	-	2018	-	10.1155/2018/8515343	Ali et al.
2018	miR - 34a inhibits esophageal squamous cell carcinoma progression via regulation of FOXM1	Oncology Letters	706-712	17	1	10.3892/ol.2018.9593	Zhou et al.
2018	Butyl benzyl phthalate promotes prostate cancer cell proliferation through miR-34a downregulation	Toxicology in Vitro	82-88	54	-	10.1016/j.tiv.2018.09.007	Zhu et al.
2018	LncRNA HOXA11 AS drives cisplatin resistance of human LUAD cells via modulating miR 454 3p/Stat3	Cancer Science	3068–3079	109	10	10.1111/cas.13764	Zhao et al.
2018	miR-122 inhibition in a human liver organoid model leads to liver inflammation, necrosis, steatofibrosis and dysregulated insulin signaling	PLOS One	-	13	7	10.1371/journal.pone.0200847	Sendi et al.
2018	Multipronged activity of combinatorial miR-143 and miR506 inhibits Lung Cancer cell cycle progression and angiogenesis in vitro	Scientific Reports	10495	8	1	10.1038/s41598-018-28872-2	Hossian et al.
2018	Signaling network between the dysregulated expression of microRNAs and mRNAs in propofol-induced developmental neurotoxicity in mice	Scientific Reports	14172	8	1	10.1038/s41598-018-32474-3	Jiang et al.
2018	Signature molecules expressed differentially in a liver disease stage-specific manner by HIV-1 and HCV co-infection	PLOS One	4	13	8	10.1371/journal.pone.0202524	Whitmill et al.
2018	Epithelial-Mesenchymal Transition Directs Stem Cell Polarity via Regulation of Mitofusin	Cell metabolism	30681-8	-	18	10.1016/j.cmet.2018.11.004	Wu et al.
2018	Inhibition of KLF7-Targeting MicroRNA 146b Promotes Sciatic Nerve Regeneration	Neurosci. Bull	419-437	34	3	10.1007/s12264-018-0206-x	Li et al.
2018	The RNA-binding protein YBX1 regulates epidermal progenitors at a posttranscriptional level	Nature Communications	1734	9	1	10.1038/s41467-018-04092-0	Kwon et al.
2018	Interactions with muscle cells boost fusion, stemness and drug resistance of prostate cancer cells	Molecular Cancer Research	-	-	-	10.1158/1541-7786.MCR-18-0500	Uygur et al.
2018	LncRNA KTN1-AS1 promotes tumor growth of hepatocellular carcinoma bytargeting miR-23c/ERBB2IP axis	Biomedicine &pharmacotherapy	1140-1147	109	-	10.1016/j.biopha.2018.10.105	Zhang et al.

2018	Sestrin2 prevents age-related intolerance to post myocardial infarction via AMPK/PGC-1 α pathway	Journal of Molecular and Cellular Cardiology	170-178	115	-	10.1016/j.yjmcc.2018.01.005	Quan et al.
2018	Src type tyrosine kinase p56lck is critical for thymic stromal lymphopoietin induced allergic rhinitis	Clinical and experimental allergy	875-889	48	7	10.1111/cea.13167	Nam et al.
2018	Tet1 and Tet2 maintain mesenchymal stem cell homeostasis via demethylation of the P2rx7 promoter	Nature Research Journal	2143	9	1	10.1038/s41467-018-04464-6	Yang et al.
2018	Transcriptomic analysis of Agelenopsis naevia (Araneae:Agelenidae) venom gland	Int. Research Journal of Biological Sci.	9-23	7	3	https://www.researchgate.net/publication/324647861	Ahmed et al.
2018	Licochalcone A suppresses hexokinase 2-mediated tumor glycolysis in gastric cancer via downregulation of the Akt signaling pathway	Oncology Reports	1181-1190	39	3	10.3892/or.2017.6155	Wu et al.
2018	Herpesvirus trigger accelerates neuroinflammation in a nonhuman primate model of multiple sclerosis	PNAS	11292-11297	115	44	10.1073/pnas.1811974115	Leibovitch et al.
2018	Identification and characterization of new factors regulating the phenotype of Th17 and Th22 cells	Thesis & Dissertation	-	-	-	http://mediatum.ub.tum.de/doc/1415493/1415493.pdf	Anne Atenhan
2018	LncRNA-MALAT1 contributes to the cisplatin-resistance of lung cancer by upregulating MRP1 and MDR1 via STAT3 activation	Biomedicine and Pharmacotherapy	536-542	101	-	10.1016/j.biopha.2018.02.130	Fan et al.
2018	Polyphyllin I modulates MALAT1/STAT3 signaling to induce apoptosis in gefitinib-resistant non-small cell lung cancer	Toxicology and Applied Pharmacology	43472	356	-	10.1016/j.taap.2018.07.031	Yang et al.
2018	UPREGULATION OF NEUROGLOBIN PROMOTES TM3 LEYDIG CELL VIABILITY	Trakya University Journal of Natural Sciences	115-120	19	2	10.23902/trkjnat.393371	Ayşegül DOĞAN
2018	Glucocorticoid Upregulates Thioredoxin-interacting Protein in Cultured Neuronal Cells	NeuroScience	375-383	384	-	10.1016/j.neuroscience.2018.06.001	Bharti et al.
2018	A simple and highly efficient method for transduction of human adipose derived mesenchymal stem cells	Journal of Cellular Biochemistry	1726-1734	120	2	10.1002/jcb.27453	Bolandi, Z. et al.
2018	RNF185 modulates JWA ubiquitination and promotes gastric cancer metastasis	Biochim Biophys Acta Mol Basis Dis	1552-1561	1864	5 Pt A	10.1016/j.bbadis.2018.02.013	Zhou et al.
2018	MKAD-21 Suppresses the Oncogenic Activity of the miR-21/PPP2R2A/ERK Molecular Network in Bladder Cancer	Molecular Cancer Therapeutics	1430-40	17	7	10.1158/1535-7163.MCT-17-1049	Koutsidoumpa et al.
2018	Onset of deaminase APOBEC3B induction in response to DNA double-strand breaks	Biochemistry and Biophysics Reports	115-121	16	-	10.1016/j.bbrep.2018.10.010	Shimizu et al.
2018	Loss-of-Function Mutations in Calcitonin Receptor (CALCR) Identify Highly Aggressive Glioblastoma with Poor Outcome	Clinical Cancer Research	1448-1458	24	6	10.1158/1078-0432.CCR-17-1901	Pal et al.
2018	Rab1b and ARF5 are novel RNA-binding proteins involved in IRES-driven RNA localization	Life Science Alliance	-	2	1	10.26508/lsa.201800131	Fernandez-Chamorro et al.
2018	Semaphorin 5A drives melanoma progression: role of Bcl-2, miR-204 and c-Myb	Journal of Experimental & Clinical Cancer Research	43114	37	278	10.1186/s13046-018-0933-x	D'Aguzzo et al.
2018	MiRNA-1284, a regulator of HMGB1, inhibits cell proliferation and migration in osteosarcoma	Bioscience Reports	-	38	4	10.1042/BSR20171675	Shuai et al.
2018	miR-223-3p/TIAL1 interaction is involved in the mechanisms associated with the neuroprotective effects of dexmedetomidine on hippocampal neuronal cells in vitro	Mol Med Rep	805-812	19	2	10.3892/mmr.2018.9742	Wang et al.
2018	Replication Study: Systematic identification of genomic markers of drug sensitivity in cancer cells	eLIFE	-	7	-	10.7554/elife.29747.001	Heuvel et al.
2018	Antibacterial activity of Ilex paraguariensis (Yerba Mate) against Gram-positive and Gram-negative bacteria	J Infect Dev Ctries	712-719	12	-	10.3855/jidc.10380	Noureddine et al.
2018	Diallyl Trisulfide inhibits breast cancer stem cells via suppression of Wnt/ β catenin pathway	Journal of Cellular Biochemistry	4134-4141	119	5	10.1002/jcb.26613	Li et al.
2018	Molecular Characterization of a Geranyl Diphosphate-Specific Prenyltransferase Catalyzing Stilbenoid Prenylation from Morus alba	Plant and Cell Physiology	2214-2227	59	11	10.1093/pcp/pcy138	Zhong et al.
2018	TIR-NB-LRR immune receptor SOC3 pairs with truncated TIR-NB protein CHS1 or TN2 to monitor the homeostasis of E3 ligase SAUL1	New Phytologist	-	-	-	10.1111/nph.15534	Liang et al.

2018	lncRNA A1BG AS1 suppresses proliferation and invasion of hepatocellular carcinoma cells by targeting miR 216a 5p	Journal of Cellular Biochemistry	-	-	-	10.1002/jcb.28315	Bai et al.
2018	Bioengineered stem cell membrane functionalized nanocarriers for therapeutic targeting of severe hindlimb ischemia	Biomaterials	360-370	185	-	10.1016/j.biomaterials.2018.08.018	Lee et al.
2018	Slc7a5 regulates Kv1.2 channels and modifies functional outcomes of epilepsy-linked channel mutations	Nature Communications	4417	9	1	10.1038/s41467-018-06859-x	Baronas et al.
2018	Annexin A10 contributes to chronic constrictive injury-induced pain through activating ERK1/2 signalling in rats	Journal of Neuroscience	125-132	128	2	10.1080/00207454.2017.1375913	Feng, L. et al.
2018	The critical role that STAT3 plays in glioma-initiating cells: STAT3 addiction in glioma	Oncotarget	22095-22112	9	31	10.18632/oncotarget.25188	Ganguly et al.
2018	Hypoxia-inducible factor-1 α is a critical transcription factor for IL-10-producing B cells in autoimmune disease	Nature Communications	251	9	1	10.1038/s41467-017-02683-x	Meng et al.
2018	In vitro evaluation of the effects of capsaicin on normal and cancerous cells of human cartilage	Turkish Journal of Biology	422-434	42	-	10.3906/biy-1804-83	Helvacı et al.
2018	Leptin-induced cardiomyocyte hypertrophy is associated with enhanced mitochondrial fission	Molecular and Cellular Biochemistry	-	-	-	10.1007/s11010-018-3450-5	Jong et al.
2018	MiRNA for treating diseases and conditions associated with neo-angiogenesis	US Patent	-	-	-	WO2012096573A1	Sanne Weijzen
2018	Cartilage Metabolism is Modulated by Synovial Fluid Through Metalloproteinase Activity.	Annals of Biomedical Engineering	810-818	46	6	10.1007/s10439-018-2010-1	Sun et al.
2018	Antimicrobial Monomers for Polymeric Dental Restoratives: Cytotoxicity and Physicochemical Properties	Journal of Functional Biomaterials	20	9	1	10.3390/jfb9010020	Bienek et al.
2018	Multi-species oral biofilm promotes reconstructed human gingiva epithelial barrier function	Scientific Reports	16061	8	1	10.1038/s41598-018-34390-y	Shang et al.
2018	MICROGLIA IN HEALTH AND DISEASE: A UNIQUE IMMUNE CELL POPULATION	Frontiers in Immunology	1779	9	-	10.3389/fimmu.2018.01779	Michelucci et al.
2018	The human microglial HMC3 cell line: where do we stand? A systematic literature review	Journal of Neuroinflammation	259	15	1	10.1186/s12974-018-1288-0	Dello Russo et al.
2018	Assessing multiparametric drug response in tissue engineered tumor microenvironment models	Methods	20-31	134-135	-	10.1016/j.ymeth.2017.12.010	Harris et al.
2018	Blockade of microglial adenosine A2A receptor impacts inflammatory mechanisms, reduces ARPE-19 cell dysfunction and prevents photoreceptor loss in vitro	Scientific Reports	2272	8	1	10.1038/s41598-018-20733-2	Madeira et al.
2018	Elucidating the Interactive Roles of Glia in Alzheimer's Disease Using Established and Newly Developed Experimental Models	Frontiers in Neurology	797	9	-	10.3389/fneur.2018.00797	Chun et al.
2018	Mimicry of neuroinflammatory microenvironments and methods of use and manufacturing thereof	US Patent	-	-	-	20180356397A1	Hansang Cho
2018	17 β -estradiol Changes the Human Cerebral Endothelial Cell Proteome Upon Exposure to Cyclic Stretch	Malaysian Journal of Health Sciences	-	16	-	10.17576/JSKM-2018-09	Jufri, Nurul Farhana et al.
2018	In Vitro Wounding Models Using the Electric Cell-Substrate Impedance Sensing (ECIS)-Z0 Technology	Biosensors	90	8	4	10.3390/bios8040090	Gu et al.
2018	Pulsatile stretch as a novel modulator of amyloid precursor protein processing and associated inflammatory markers in human cerebral endothelial cells	Scientific Reports	1689	8	1	10.1038/s41598-018-20117-6	Gangoda et al.
2018	The functional and inflammatory response of brain endothelial cells to Toll-Like Receptor agonists	Scientific Reports	10102	8	1	10.1038/s41598-018-28518-3	Johnson et al.
2018	A recurrent point mutation in PRKCA is a hallmark of chordoid gliomas	Nature communications	2371	9	1	10.1038/s41467-018-04622-w	Rosenberg, S. et al.
2018	Lipopolysaccharide induces human olfactory ensheathing glial apoptosis by promoting mitochondrial dysfunction and activating the JNK-Bnip3-Bax pathway	Cell Stress and Chaperones	-	-	-	10.1007/s12192-018-0945-7	He et al.
2018	Cyclic Peptides to Improve Delivery and Exon Skipping of Antisense Oligonucleotides in a Mouse Model for Duchenne Muscular Dystrophy	Molecular Therapy	132-147	26	1	10.1016/j.ymthe.2017.10.004	Jirka et al.
2018	High-density lipoprotein protects cardiomyocytes against necrosis induced by oxygen and glucose deprivation through SR-B1, PI3K, and AKT1 and 2	Biochemical Journal	1253-1265	475	7	10.1042/BCJ20170703	Durham et al.

2018	A pre-existing rare PIK3CAE545K subpopulation confers clinical resistance to MEK plus CDK4/6 inhibition in NRAS melanoma and is dependent on S6K1 signaling	cancer discovery	556-567	8	5	10.1158/2159-8290.CD-17-0745	Romano, G. et al.
2018	The CDK9–cyclin T1 complex mediates saturated fatty acid–induced vascular calcification by inducing expression of the transcription factor CHOP	Journal of Biological Chemistry	17008-17020	293	44	10.1074/jbc.RA118.004706	Shiozaki et al.
2018	Altered Processing of β -Amyloid in SH-SY5Y Cells Induced by Model Senescent Microglia	ACS chemical neuroscience	3137-3152	9	12	10.1021/acscchemneuro.8b00334	Angelova, D. et al.
2018	Cystatin C takes part in melanoma-microglia cross-talk: possible implications for brain metastasis	Clinical & Experimental Metastasis	369-378	35	5-6	10.1007/s10585-018-9891-0	Moshe et al.
2018	Identification of Insulin Receptor Splice Variant B in Neurons by in situ Detection in Human Brain Samples	Scientific Reports	4070	8	1	10.1038/s41598-018-22434-2	Spencer et al.
2018	The metastatic microenvironment: Melanoma–microglia cross talk promotes the malignant phenotype of melanoma cells	Int J Cancer	802-817	144	4	10.1002/ijc.31745	Alzraely et al.
2018	Magnitude dependent and inversely related osteogenic/chondrogenic differentiation of human mesenchymal stem cells under dynamic compressive strain	J Tissue Eng Regen Med.	637-647	12	2	10.1002/term.2332	Homer et al.
2018	Intermittent hypoxia induced epiregulin expression by IL 6 production in human coronary artery smooth muscle cells	FEBS open bio	868-876	8	5	10.1002/2211-5463.12430	Kyotani et al.
2018	Molecular Basis for Dysregulated Activation of NKX2 5 in the Vascular Remodeling of Systemic Sclerosis	Arthritis & Rheumatology	920-931	70	6	10.1002/art.40419	Dritsoula et al.
2018	Epididymal glucocorticoid receptors promote intergenerational transmission of paternal stress	BioRxiv	-	-	-	10.1101/321976	Chan et al.
2018	Molecular targeting of glutaminase sensitizes ovarian cancer cells to chemotherapy	Journal of cellular biochemistry, 119(7),	6136-6145.	119	7	10.1002/jcb.26814	Masamha et al.
2018	Innate molecular signature of stem cells from carious teeth influences differentiation toward endodermal endpoint	Journal of Immunology and Regenerative Medicine	21-31	1	-	10.1016/j.regen.2017.09.001	Gnanasegaran et al.
2018	Isoprenylcysteine carboxylmethyltransferase regulates ovarian cancer cell response to chemotherapy and Ras activation	Biochemical and Biophysical Research Communications	556-562	501	2	10.1016/j.bbrc.2018.05.038	Qiong et al.
2018	Plagioneurin B, a potent isolated compound induces apoptotic signalling pathways and cell cycle arrest in ovarian cancer cells	Apoptosis	152-169	23	2	10.1007/s10495-018-1447-x	Nordin et al.
2018	POZ/BTB and AT-Hook-Containing Zinc Finger Protein 1 (PATZ1) Suppresses Progression of Ovarian Cancer and Serves as an Independent Prognosis Factor	Medical science monitor	4262-4270	24	-	10.12659/MSM.908766	Zhao et al.
2018	The Addition of Manganese Porphyrins during Radiation Inhibits Prostate Cancer Growth and Simultaneously Protects Normal Prostate Tissue from Radiation Damage	Antioxidants (Basel)	-	7	21	10.3390/antiox7010021	Chatterjee et al.
2018	Transcriptomic analysis of CIC and ATXN1L reveal a functional relationship exploited by cancer	Oncogene.	273-290	38	2	10.1038/s41388-018-0427-5	Wong et al.
2018	Atorvastatin enhances endothelial adherens junctions through promoting VE-PTP gene transcription and reducing VE-cadherin-Y731 phosphorylation	Vascular Pharmacology	-	-	-	10.1016/j.vph.2018.06.003	Huo et al.
2018	D-2-Hydroxyglutarate is Necessary and Sufficient for Isocitrate Dehydrogenase 1 Mutant-induced MIR148A Promoter Methylation	American Association for Cancer Research	947-960	16	6	10.1158/1541-7786.MCR-17-0367	Li et al.
2018	Alopecia Areata is Associated with Increased Expression of Heart Disease Biomarker Cardiac Troponin I	Acta Dermato Venereologica	776-782	98	8	10.2340/00015555-2964	Wang, E. H. et al.
2018	Hypoxia-induced epigenetic silencing of polo-like kinase 2 promotes fibrosis in atrial fibrillation	BioRxiv	-	-	-	10.1101/445098	Künzel et al.
2018	Anticarcinogenic Peptides Released from Milk Proteins by Lactobacillus Strains	Thesis & Dissertation	-	-	-	http://vuir.vu.edu.au/36844/1/ELFAHRI%2C%20Khaled%20-%20THESIS_nosignature.pdf	Khaled Elfahri
2018	Costunolide promotes the proliferation of human hair follicle dermal papilla cells and induces hair growth in C57BL/6 mice	Journal of Cosmetic Dermatology	-	-	-	10.1111/jocd.12674	Kim et al.

2018	Involvement of TWEAK and the NF-κB signaling pathway in lupus nephritis	Experimental and Therapeutic Medicine	2611-2619	15	3	10.3892/etm.2018.5711	Sun et al.
2018	BRD4 amplification facilitates an oncogenic gene expression program in high-grade serous ovarian cancer and confers sensitivity to BET inhibitors	PLoS ONE	e0200826	13	7	10.1371/journal.pone.0200826	Rhyasen et al.
2018	High density lipoprotein protects cardiomyocytes against necrosis induced by oxygen and glucose deprivation, through SR-B1, PI3K, and AKT1 and 2	Biochemical Journal	1253-1265	475	7	10.1042/BCJ20170703	Durham et al.
2018	Polysaccharide-based superhydrophilic coatings with antibacterial and anti-inflammatory agent-delivering capabilities for ophthalmic applications	Journal of Industrial and Engineering Chemistry	229-237	68	-	10.1016/j.jiec.2018.07.049	Park et al.
2018	The role of R-spondin 1 through activating Wnt/β-catenin in the growth, survival and migration of ovarian cancer cells	Gene	124-130	689	-	10.1016/j.gene.2018.11.098	Liu et al.
2018	Novel biallelic mutations in the PNPT1 gene encoding a mitochondrial RNA import protein PNPase cause delayed myelination	Clinical Genetics	242-247	93	2	10.1111/cge.13068	Sato et al.
2018	TGF-β downregulation-induced cancer cell death is finely regulated by the SAPK signaling cascade	Experimental and Molecular Medicine	162	50	12	10.1038/s12276-018-0189-8	Han et al.
2018	A bibenzyl from Dendrobium ellipsophyllum induces apoptosis in human lung cancer cells	Journal of Natural Medicines	615-625	72	3	10.1007/s11418-018-1186-x	Hlosrichok, A., Sumkhemthong, S., Sritularak, B. et al.
2018	Alpha Klotho Enrichment in Induced Pluripotent Stem Cell Secretome Contributes to Antioxidative Protection in Acute Lung Injury	Stem Cells: Translational and Clinical Research	616-625	36	4	10.1002/stem.2752	Gazdhar, A. et al.
2018	Microglia in Health and Disease: A Unique Immune Cell Population.	Front Immunol	-	-	-	10.3389/978-2-88945-601-7	Michelucci et al.
2018	Extracellular vesicles are increased in the serum of children with autism spectrum disorder, contain mitochondrial DNA, and stimulate human microglia to secrete IL-1β	Journal of Neuroinflammation	239	15	1	10.1186/s12974-018-1275-5	Tsilioni et al.
2018	Aberrant methylation and silencing of the SPINT2 gene in high grade gliomas	Cancer Science	2970-2979	109	9	10.1111/cas.13732	Fukushima, T. et al.
2018	MicroRNA-1225-5p behaves as a tumor suppressor in human glioblastoma via targeting of IRS1	Onco Targets Ther.	6339-6350	11	-	10.2147/OTT.S178001	Li et al.
2018	Profiling the proteomic inflammatory state of human astrocytes using DIA mass spectrometry	Journal of Neuroinflammation	331	15	1	10.1186/s12974-018-1371-6	Dozio et al.
2018	Catalase in growth media	US Grant	-	-	-	US9951306B2	Werner Besenmatter, Axel Niebisch, Jan Modregger, Bhupinder Hundle
2018	Targeting Tyro3 ameliorates a model of PGRN-mutant FTLT-TDP via tau-mediated synaptic pathology	Nature Communications	433	9	1	10.1038/s41467-018-02821-z	Fujita et al.
2018	Nucleocytoplasmic export of HDAC5 and SIRT2 downregulation: two epigenetic mechanisms by which antidepressants enhance synaptic plasticity markers	Psychopharmacology	2831-2846	235	10	10.1007/s00213-018-4975-8	Muñoz-Cobo et al.
2018	VPS4 is a dynamic component of the centrosome that regulates centrosome localization of γ-tubulin, centriolar satellite stability and ciliogenesis	Scientific Reports	3353	8	1	10.1038/s41598-018-21491-x	Ott et al.
2018	Clusterin contributes to early stage of Alzheimer's disease pathogenesis	Brain Pathology	-	-	-	10.1111/bpa.12660	Oh et al.
2018	Peripubertal cannabidiol treatment rescues behavioral and neurochemical abnormalities in the MAM model of schizophrenia	Neuropharmacology	212-221	146	-	10.1016/j.neuropharm.2018.11.035	Stark et al.
2018	SOCS-1 Suppresses Inflammation Through Inhibition of NALP3 Inflammasome Formation in Smoke Inhalation-Induced Acute Lung Injury	Inflammation	1557-1567	41	4	10.1007/s10753-018-0802-y	Zhang et al.

2018	Peroxiredoxin5 Controls Vertebrate Ciliogenesis by Modulating Mitochondrial Reactive Oxygen Species	Antioxidants & Redox Signaling	-	-	-	10.1089/ars.2018.7507	Ji et al.
2018	A map of gene expression in neutrophil-like cell lines	BMC genomics	573	19	1	10.1186/s12864-018-4957-6	Rincón, E. et al.
2018	Anthocyanins and their biosynthetic genes in three novel-colored <i>Rosa rugosa</i> cultivars and their parents	Plant Physiology and Biochemistry	421-428	129	-	10.1016/j.plaphy.2018.06.028	Li et al.
2018	Assembly and Multiplex Genome Integration of Metabolic Pathways in Yeast Using CasEMBLR	Synthetic Metabolic Pathways	185-201	1671	-	10.1007/978-1-4939-7295-1_12	Tadas et al.
2018	Astrocyte-derived CCL20 reinforces HIF-1-mediated hypoxic responses in glioblastoma by stimulating the CCR6-NF-κB signaling pathway	Oncogene	3070-3087	37	23	10.1038/s41388-018-0182-7	Jin et al.
2018	Calpain 2 protects against heat stress induced cardiomyocyte apoptosis and heart dysfunction by blocking p38 mitogen activated protein kinase activation	J Cell Physiol	-	-	-	10.1002/jcp.27750	Liu et al.
2018	Carbon Monoxide Inhibits Islet Apoptosis via Induction of Autophagy	Antioxid. Redox Signal.	1309-1322	28	14	10.1089/ars.2016.6979	Kim et al.
2018	CD271 Confers an Invasive and Metastatic Phenotype of Head and Neck Squamous Cell Carcinoma through the Upregulation of Slug	Clinical Cancer Research	674-683	24	3	10.1158/1078-0432.CCR-17-0866	Chung et al.
2018	Cell type-dependent functions of microRNA-92a	Journal of Cellular Biochemistry	5798-5804	119	7	10.1002/jcb.26765	Kohram et al.
2018	Cholangiocarcinoma: molecular imaging-guided radiofrequency hyperthermia-enhanced intratumoral herpes simplex virus thymidine kinase gene therapy	Am J Cancer Research	502-513	8	3	29637004	Jin et al.
2018	Chromosomal architecture and placental expression of the human growth hormone gene family are targeted by pre-pregnancy maternal obesity	American Journal of Physiology-Endocrinology and Metabolism	E435-E445	315	4	10.1152/ajpendo.00042.2018	Jin et al.
2018	Composition and method for the treatment or prevention of spinal disorders	US Patents	-	-	-	US20170119848A1	Ashish Diwan, Divya Diwan
2018	Compositions comprising il-31 and uses thereof	US Patents	-	-	-	US20180296644A1	Ella FREMDER, Ami Aronheim, Yuval Shaked
2018	Compositions useful in treatment of ornithine transcarbamylase (otc) deficiency	US Patents	-	-	-	US20170051259A1	Lili Wang, James M Wilson
2018	CRISPR Based Targeted Epigenetic Editing Enables Gene Expression Modulation of the Silenced Beta Galactoside Alpha 2,6 Sialyltransferase 1 in CHO Cells	Biotechnology Journal	e1700217	13	10	10.1002/biot.201700217	Marx et al.
2018	Deletion of ACTA2 in mice promotes angiotensin II induced pathogenesis of thoracic aortic aneurysms and dissections	Journal of Thoracic Disease	4733-4740	10	8	10.21037/jtd.2018.07.75	Cheng et al.
2018	Delta-like homolog1/GATA binding protein 2 axis mediates leptin inhibition of PPARγ2 expression in hepatic stellate cells in vitro	Life Sciences	183-189	192	1	10.1016/j.lfs.2017.11.050	Zhou et al.
2018	Duck stimulator of interferon genes plays an important role in host anti-duck plague virus infection through an IFN-dependent signalling pathway	Cytokine	191-199	102	-	10.1016/j.cyto.2017.09.008	Cheng et al.
2018	Dysregulation of Neuronal Cholesterol Homeostasis upon Exposure to HIV-1 Tat and Cocaine Revealed by RNA-Sequencing	Scientific reports	16300	8	1	10.1038/s41598-018-34539-9	Mohseni Ahooyi et al.
2018	Effectiveness of Bone Morphogenetic Protein7 Transduced Bone Marrow Stromal Cells Combined with Hydrogel-Hydroxyapatite Composites on Bone Defect Repair In Vivo	Journal of Biomaterials and Tissue Engineering	1135-1141	8	8	10.1166/jbt.2018.1847	Hou et al.
2018	Effects of Mycobacterium tuberculosis Mutant Strain Hsp16.3 Gene on Murine RAW 264.7 Macrophage Autophagy	DNA and Cell Biology	14-17	37	1	10.1089/dna.2016.3599	Yang et al.
2018	Efficient CRISPR-Cas9 Gene Disruption System in Edible-Medicinal Mushroom Cordyceps militaris	Frontiers in microbiology	1157	9	-	10.3389/fmicb.2018.01157	Chen et al.
2018	Estrogen receptor beta signaling inhibits PDGF induced human airway smooth muscle proliferation	Molecular and Cellular Endocrinology	37-47	476	-	10.1016/j.mce.2018.04.007	Ambhore et al.

2018	Exosomal microRNA profiling to identify hypoxia-related biomarkers in prostate cancer	Oncotarget	13894-13910	9	17	10.18632/oncotarget.24532	Panigrahi et al.
2018	Fibroblast growth factor-16 and acute doxorubicin cardiotoxicity: a target for early protection	Thesis & Dissertation	-	-	-	http://hdl.handle.net/1993/33048	Jie Wang
2018	Fra-1 enhances the radioresistance of colon cancer cells to X-ray or C-ion radiation	Oncology Reports	1112-1118.	39	3	10.3892/or.2018.6223	Endo et al.
2018	Generation of orthotopically functional salivary gland from embryonic stem cells	Nature Communications	4216	9	1	10.1038/s41467-018-06469-7	Tanaka et al.
2018	Intragland Shh gene delivery mitigated irradiation-induced hyposalivation in a miniature pig model	Theranostics	4321-4331	8	16	10.7150/thno.26509	Hu et al.
2018	Intravenously administered gene therapy for neuronopathic Gaucher disease	Thesis & Dissertation	-	-	-	http://discovery.ucl.ac.uk/id/eprint/10042055	Giulia Massaro
2018	LINC01133 as ceRNA inhibits gastric cancer progression by sponging miR-106a-3p to regulate APC expression and the Wnt/ β -catenin pathway	Molecular Cancer	126	17	1	10.1186/s12943-018-0874-1	Yang et al.
2018	Long noncoding RNA LINP1 acts as an oncogene and promotes chemoresistance in breast cancer	Cancer Biology and Therapy	120-131	19	2	10.1080/15384047.2017.1394543	Liang et al.
2018	Loss of XIST in Breast Cancer Activates MSN-c-Met and Reprograms Microglia via Exosomal miRNA to Promote Brain Metastasis	Cancer Research	4316-4330	78	15	10.1158/0008-5472.CAN-18-1102	Xing et al.
2018	Lysine demethylase 3a in craniofacial and neural development during <i>Xenopus</i> embryogenesis	Int J Mol Med	1105-1113	34	2	10.3892/ijmm.2018.4024	Lee et al.
2018	Mechanisms Behind Resistance to PI3K Inhibitor Treatment Induced by the PIM Kinase	Molecular Cancer Therapeutics	2710-2721	17	12	10.1158/1535-7163.MCT-18-0374	Song et al.
2018	Methods and compositions for the treatment of cancer and metabolic diseases	US Patent	-	-	-	WO2018089861A1	Yu-Jui Yvonne Wan
2018	Microbial Function and Hydrochemistry within a Stratified Anchialine Sinkhole: A Window into Coastal Aquifer Interactions	Water	972	10	8	10.3390/w10080972	Davis et al.
2018	miR-30a Remodels Subcutaneous Adipose Tissue Inflammation to Improve Insulin Sensitivity in Obesity	Diabetes	2541-2553	67	12	10.2337/db17-1378	Koh et al.
2018	miR-34 modulates apoptotic gene expression in Ingenol mebutate treated keloid fibroblasts	Molecular Medicine Reports	7081-7088	17	5	10.3892/mmr.2018.8749	De Felice et al.
2018	Modulation of the transcriptomic profile of the R2C tumor Leydig cell line by the adipose tissue derived hormone leptin	Reproductive biology	440-449	18	4	10.1016/j.repbio.2018.08.003	Martin et al.
2018	Modulator of apoptosis-1 is a potential therapeutic target in acute ischemic injury	Journal of Cerebral Blood Flow & Metabolism	-	-	-	10.1177/0271678X18794839	Chan et al.
2018	Neotuberostemone inhibits the differentiation of lung fibroblasts into myofibroblasts in mice by regulating HIF-1 α signaling		1501-1512	39	9	10.1038/aps.2017.202.	Lv et al.
2018	NFIB promotes cell survival by directly suppressing p21 transcription in TP53-mutated triple-negative breast cancer	The Journal of Pathology	186-198	247	2	10.1002/path.5182	Liu et al.
2018	Nicotinamide Mononucleotide Adenylyltransferase 2 maintains neuronal structural integrity through the maintenance of golgi structure	Neurochemistry International	86-97	121	-	10.1016/j.neuint.2018.09.010	Pottorf et al.
2018	RNA-Seq analysis in an avian model of maternal phenylketonuria	Molecular Genetics and Metabolism	23-29	126	1	10.1016/j.ymgme.2018.09.003	Watson et al.
2018	Spatial Distribution and Expression of Ectonucleotidases in Rat Hippocampus After Removal of Ovaries and Estradiol Replacement	Molecular Neurobiology	43478	-	-	10.1007/s12035-018-1217-3\	Grković et al.
2018	T Cell-Specific Knockout of STAT3 Ameliorates Dextran Sulfate Sodium-Induced Colitis by Reducing the Inflammatory Response	Immune Netw	e30	18	4	10.4110/in.2018.18.e30	Ye et al.
2018	Target sequence capture of nuclear encoded genes for phylogenetic analysis in ferns	Applications in Plant Sciences	-	6	5	10.1002/aps.3.1148	Wolf et al.
2018	The contribution of NOS3 variants to coronary artery disease: A combined genetic epidemiology and computational biochemistry perspective	International Journal of Biological Macromolecules	494-499	123	-	10.1016/j.ijbiomac.2018.11.128	Terali et al.
2018	The <i>Gaq</i> /11-provoked induction of Akr1c18 in murine luteal cells is mediated by phospholipase C	Molecular and Cellular Endocrinology	179-187	470	-	10.1016/j.mce.2017.10.012	Kapfhamer et al.

2018	The transcriptome of the rat subfornical organ is altered in response to early postnatal overnutrition	IBRO reports	17-23	5	-	10.1016/j.ibror.2018.06.001	Peterson et al.
2018	Toll-like Receptor 3 is a Therapeutic Target for Pulmonary Hypertension	ATS Journal	199-210	199	2	10.1164/rccm.201707-1370OC	Farkas et al.
2018	Trichostatin A Ameliorates Conjunctival Fibrosis in a Rat Trabeculectomy Model	Investigative Ophthalmology and Visual Science	3115-3123	59	7	10.1167/iovs.18-23826	Sung et al.
2018	V(D)J Rearrangement Is Dispensable for Producing CDR-H3 Sequence Diversity in a Gene Converting Species	Frontiers in Immunology	1317	9	-	10.3389/fimmu.2018.01317	Leighton et al.
2018	Effects of Irisin and Exercise on Metabolic Parameters and Reproductive Hormone Levels in High-Fat Diet-Induced Obese Female Mice	Reprod Sci	281-291	25	2	28594316	Bastu et al.
2018	Leptin suppresses microRNA-122 promoter activity by phosphorylation of foxO1 in hepatic stellate cell contributing to leptin promotion of mouse liver fibrosis	Toxicology and Applied Pharmacology	143-150	339		10.1016/j.taap.2017.12.007	Cao et al.
2018	Toxoplasma gondii RON4 binds to heparan sulfate on the host cell surface	Parasitology International	123-130	67	2	10.1013/j.parint.2017.10.008	Takemae et al.
2018	Molecular cloning and characterization of a novel vip3-type gene from Bacillus thuringiensis and evaluation of its toxicity against Helicoverpa armigera	Microbial Pathogenesis	464–469	114		10.1016/j.micpath.2017.12.025	Lonea et al.
2018	Polymeric immunoglobulin receptor in dojo loach (Misgurnus anguillicaudatus): Molecular characterization and expression analysis in response to bacterial and parasitic challenge	Fish & Shellfish Immunology	175-184	73		10.1016/j.fsi.2017.12.019	Yu et al.
2018	First Report of Grapevine Roditis leaf discoloration-associated virus Infecting Grapevine (Vitis vinifera) in Turkey	Plant Disease	256	102	1	10.1094/PDIS-06-17-0927-PDN	Serce et al.
2018	miR-486 functions as a tumor suppressor in esophageal cancer by targeting CDK4/BCAS2	Oncology Reports	71-80	39		10.3892/or.2017.6064	Lang B. and Zhao S.
2018	miR-200c-3p spreads invasive capacity in human oral squamous cell carcinoma microenvironment	Molecular Carcinogenesis	295-302	57	2	10.1002/mc.22744	Kawakubo-Yasukochi et al.
2018	Analysis of miRNA expression profiles in melatonin-exposed GC-1 spg cell line	Gene	513-521	642		10.1016/j.gene.2017.11.068	Zhu et al.
2018	UBE3A-mediated p18/LAMTOR1 ubiquitination and degradation regulate mTORC1 activity and synaptic plasticity	Preprint	-	-	-	https://doi.org/10.1101/242057	Sun et al.
2018	Transcriptomic analysis reveals the molecular mechanisms of Camellia sinensis in response to salt stress	Plant Growth Regulation	1-12	n/a	n/a	10.1007/s10725-017-0354-4	Wan et al.
2018	Evidence of microglial activation following exposure to serum from first-onset drug-naïve schizophrenia patients	Brain, Behavior, and Immunity	364-373	67		10.1016/j.bbi.2017.10.003	Geertje Frederique van Rees et al.
2018	Hybrid magneto-plasmonic liposomes for multimodal image-guided and brain-targeted HIV treatment	Nanoscale	184-194	10		10.1039/C7NR07255D	Tomitaka et al.
2017	Quantitative image mean squared displacement (iMSD) analysis of the dynamics of profilin 1 at the membrane of live cells	Methods	119-125	140-141	-	10.1016/j.ymeth.2017.12.002	Davey et al.
2017	Therapeutic effect of targeted Fas-expressing adenoviruses method combining γδ T cells in a mouse model of human ovarian carcinoma	Oncology Letters	2555-2561	15	2	10.3892/ol.2017.7599	Zeng et al.
2017	New genetic identification and characterisation of 12 Algerian sheep breeds by microsatellite markers	Italian Journal of Animal Science	38-48	17	1	10.1080/1828051X.2017.1335182	Abdelkader et al.
2017	Functional regulation of Q by microRNA172 and transcriptional co repressor TOPLESS in controlling bread wheat spikelet density	Plant Biotechnology Journal	495-506	16	2	10.1111/pbi.12790	Liu et al.
2017	Transcriptomic, proteomic and biological analyses of venom proteins from two Chrysaora jellyfish	Thesis and Dissertation	-	-	-	http://hdl.handle.net/11343/168281	Dalia Patricia Ponce-Garcia
2017	Der Einfluss von Zahnpasten auf die gingivale epitheliale Barrierefunktion (The influence of toothpastes on the gingival epithelial barrier function)	Thesis & Dissertation	-	-	-	http://geb.uni-giessen.de/geb/volltexte/2017/13340/	Stefanie Gebhardt
2017	Improvement of Human Oral Epithelial BarrierFunction and Tight Junctions by Micronutrients	Journal of Agriculture and Food Chemistry	10950-10958	65	50	10.1021/acs.jafc.7b04203	Rybakovsky et al.
2017	Negative Regulation of Human Pregnane X Receptor by MicroRNA-18a-5p: Evidence for Suppression of MicroRNA-18a-5p Expression by Rifampin and Rilpivirine	Molecular Pharmacology	48-56	92	1	10.1124/mol.116.107003	Sharma et al.

2017	Cell Spheroids with Enhanced Aggressiveness to Mimic Human Liver Cancer In Vitro and In Vivo	Scientific Reports	10499	7	1	10.1038/s41598-017-10828-7	Jung et al.
2017	The effect of Benzothiazolone 2 on the expression of Metallothionein 3 in modulating Alzheimer's disease	Brain and Behavior	-	7	9	10.1002/brb3.799	Roy et al.
2017	Characterizing the mode of action of extracellular Connexin43 channel blocking mimetic peptides in an in vitro ischemia injury model	Biochimica et Biophysica Acta	68-78	1861	2	10.1016/j.bbagen.2016.11.001	Kim et al.
2017	CXCR7 maintains osteosarcoma invasion after CXCR4 suppression in bone marrow microenvironment	Tumor Biology	1010428 3177016 31	39	5	10.1177/1010428317701631	Han et al.
2017	CCR4 is a determinant of melanoma brain metastasis	Oncotarget	31079-31091	8	19	10.18632/oncotarget.16076	Klein et al.
2017	ANGPTL4 promotes the progression of cutaneous melanoma to brain metastasis	Oncotarget	75778-75796	8	44	10.18632/oncotarget.19018	Izraely et al.
2017	Isochondrodendrine and 2'-norcocculine: additional alkaloids from Triclisia subcordata induce cytotoxicity and apoptosis in ovarian cancer cell lines	Royal Society of Chemistry (RSC Adv)	44154-44161	7	70	10.1039/C7RA08032H	Uche et al.
2017	Peptides extracted from edible mushroom: <i>Lentinus squarrosulus</i> induces apoptosis in human lung cancer cells	Pharmaceutical Biology	1792-1799	55	1	10.1080/13880209.2017.1325913	Prateep et al.
2017	Methods and compositions for immunomodulation	US Patent	-	-	-	US20170100456A1	David M. Briscoe, Michael Klagsbrun, Sarah Bruneau, Nora Kochupurakkal, Hironao Nakayama
2017	Transglutaminase 2 overexpression induces depressive-like behavior and impaired TrkB signaling in mice	Molecular Psychiatry	745-753	22		10.1038/mp.2016.145	Pandya et al.
2017	Dopamine cross-reacts with adrenoceptors in cortical astrocytes to induce BDNF expression, CREB signaling and morphological transformation	Glia	206-216	66	1	10.1002/glia.23238	Koppel et al.
2017	Increased levels of Gab1 and Gab2 adaptor proteins skew interleukin-4 (IL-4) signaling toward M2 macrophage-driven pulmonary fibrosis in mice.	J Biol Chem	14003-14015	292	34	28687632	Guo et al.
2017	Non-viral induction of transient cell reprogramming in skeletal muscle to enhance tissue regeneration					10.1101/101188	de Lázaro et al.
2017	The cardiac microenvironment uses non-canonical WNT signaling to activate monocytes after myocardial infarction.	EMBO Mol Med	1279-1293	9	9	28774883	Meyer et al.
2017	TmSR-C, scavenger receptor class C, plays a pivotal role in antifungal and antibacterial immunity in the coleopteran insect	Insect Biochemistry and Molecular Biology	31-42	89	n/a	10.1016/j.ibmb.2017.08.007	Kim et al.
2017	Pro-apoptotic Noxa is involved in ablative focal irradiation-induced lung injury	Journal of Cellular and Molecular Medicine	711-719	21	4	10.1111/jcmm.13014	Kim et al.
2017	Quantification of green fluorescent protein-(GFP-) tagged membrane proteins by capillary gel electrophoresis	Analyst	3648-3655	142	19	10.1039/C7AN00981J	Danish et al.
2017	Prostaglandin dehydrogenase is a target for successful induction of cervical ripening	Proceedings of the National Academy of Sciences	E6427-E6436	114	31	10.1073/pnas.1704945114	Kishore et al.
2017	Activating transcription factor 3 promotes embryo attachment via up-regulation of leukemia inhibitory factor in vitro	Reproductive Biology and Endocrinology		15	42	10.1186/s12958-017-0260-7	Cheng et al.
2017	DKK3 (Dickkopf 3) Alters Atherosclerotic Plaque Phenotype Involving Vascular Progenitor and Fibroblast Differentiation Into Smooth Muscle Cells	Arteriosclerosis, Thrombosis, and Vascular Biology	na	38	1	10.1161/ATVBAHA.117.310079	Karamariti et al.
2017	Regulation of the Glycerol Transporter, Aquaporin-3, by Histone Deacetylase-3 and p53 in Keratinocytes	Journal of Investigative Dermatology	1935-1944	137	9	10.1016/j.jid.2017.04.031	Choudhary et al.
2017	Homologous U-box E3 Ubiquitin Ligases OsPUB2 and OsPUB3 Are Involved in the Positive Regulation of Low Temperature Stress Response in Rice (<i>Oryza sativa</i> L.)	PMC		8		10.3389/fpls.2017.00016	Byun et al.

2017	MicroRNA-145 protects follicular granulosa cells against oxidative stress-induced apoptosis by targeting Krüppel-like factor 4	Molecular and Cellular Endocrinology	138-147	452		10.1016/j.mce.2017.05.030	Xu et al.
2017	Enhanced HOXA10 sumoylation inhibits embryo implantation in women with recurrent implantation failure	Cell Death Discovery		3		10.1038/cddiscovery.2017.57	Jiang et al.
2017	Phosphorylation and negative regulation of CONSTITUTIVELY PHOTOMORPHOGENIC 1 by PINOID in Arabidopsis	Proceedings of the National Academy of Sciences	6617-6622	114	25	10.1073/pnas.1702984114	Lin et al.
2017	Baseline value of intrahepatic HBV DNA over cccDNA predicts patient's response to interferon therapy	Scientific Reports, a nature research journal	-	-	-	10.1038/s41598-017-05242-y	Di Mu, et al
2017	Bisphenol A accelerates meiotic progression in embryonic chickens via the estrogen receptor β signaling pathway	General and Comparative Endocrinology				10.1016/j.ygcen.2017.11.004	Yu, M. et al.
2017	External Ca ²⁺ regulates polycystin-2 (TRPP2) cation currents in LLC-PK1 renal epithelial cells	Experimental Cell Research	50-61	350	1	10.1016/j.yexcr.2016.11.004	Dai et al.
2017	Elevation of serum pyruvate kinase M2 (PKM2) in IBD and its relationship to IBD indices	Clinical Biochemistry	30729-4		17	10.1016/j.clinbiochem.2017.12.007	Almousaa et al.
2017	Evaluation of vitrification protocol of mouse ovarian tissue by effect of DNA methyltransferase-1 and paternal imprinted growth factor receptor-binding protein 10 on signaling pathways	Cryobiology				10.1016/j.cryobiol.2017.11.008.	Zhong-yi et al.
2017	Genome editing in <i>Shiraia bambusicola</i> using CRISPR-Cas9 system	Journal of Biotechnology	228-234	259		10.1016/j.jbiotec.2017.06.1204	Deng et al.
2017	Transcriptome Sequencing Reveals Astrocytes as a Therapeutic Target in Heat-Stroke	Neuroscience Bulletin	627-640	33	6	10.1007/s12264-017-0156-8	Niu et al.
2017	Tripartite motif-containing (TRIM) 21 negatively regulates intestinal mucosal inflammation through inhibiting TH1/TH17 cell differentiation in patients with inflammatory bowel diseases	J Allergy Clin Immunol.	31731-1	S0091-6749	17	29113905	Zhou et al.
2017	Critical role of ROCK2 activity in facilitating mucosal CD4 ⁺ T cell activation in inflammatory bowel disease	Journal of Autoimmunity	1-14	8411	17	10.1016/j.jaut.2017.12.009	Yang et al.
2017	LAPTM4B-35 expression was correlated with favorable post-operation survival in pancreatic cancer patients	Translational Cancer Research	709-719	6	4	10.21037/tcr.2017.07.11	Cui et al.
2017	Differential immune-related gene expression in the spleens of duck Tembusu virus-infected goslings	Veterinary Microbiology	39-47	212		10.1016/j.vetmic.2017.08.002	He et al.
2017	Dissecting the genetic architecture of Fusarium verticillioides seed rot resistance in maize by combining QTL mapping and genome-wide association analysis	Scientific Reports	46446	7	-	10.1038/srep46446	Ju et al.
2017	ATF6 knockdown decreases apoptosis, arrests the S phase of the cell cycle, and increases steroid hormone production in mouse granulosa cells	American journal of cell physiology	C341-C353	312	3	10.1152/ajpcell.00222.2016	Xiong et al.
2017	Gene therapy for human ovarian cancer cells using efficient expression of Fas gene combined with $\gamma\delta$ T cells	Molecular Medicine Reports		16	4	10.3892/mmr.2017.7107	Lin et al.
2017	Ring Finger Protein 6 Mediates Androgen-Induced Granulosa Cell Proliferation and Follicle Growth via Modulation of Androgen Receptor Signaling	Endocrinology	993 - 1004	158	4	10.1210/en.2016-1866	Lin et al.
2017	NOX4 Regulates CCR2 and CCL2 mRNA Stability in Alcoholic Liver Disease	Scientific Reports	1-9	7		10.1038/srep46144	Sasaki et al.
2017	Peroxisome proliferator-activated receptor- γ agonists attenuate biofilm formation by Pseudomonas aeruginosa	The FASEB Journal	fj-201700075R	31	8	10.1096/fj.201700075R	Bedi et al.
2017	Association of Neuropathological Markers in the Parietal Cortex With Antemortem Cognitive Function in Persons With Mild Cognitive Impairment and Alzheimer Disease	Journal of Neuropathology & Experimental Neurology	70-88	76	2	10.1093/jnen/nlw109	Tremblay et al.
2017	AtAIRP2 E3 Ligase affects ABA and High Salinity Responses by Stimulating its ATP1/SDIRIP1 Substrate Turnover	Plant Physiology	2515-2531	175	4	10.1104/pp.17.00467	Oh et al.
2017	p300-mediated acetylation increased the protein stability of HIPK2 and enhanced its tumor suppressor function	Scientific reports	16136	7	1	10.1038/s41598-017-16489-w	Choi et al.
2017	Lobeglitazone, a Novel Peroxisome Proliferator-Activated Receptor γ Agonist, Attenuates Renal Fibrosis Caused by Unilateral Ureteral Obstruction in Mice	Endocrinology and Metabolism	115-123	32	1	10.3803/EnM.2017.32.1.115	Bae et al.
2017	The use of GeneXpert remnants for drug resistance profiling and molecular epidemiology of tuberculosis in Libreville, Gabon	Journal of clinical microbiology		56	1	10.1128/JCM.02257-16	Alame-Emane et al.

2017	Differential gene expressions of innate immune related genes of the Asian honeybee, <i>Apis cerana</i> , latently infected with sacbrood virus	Journal of Asia-Pacific Entomology	17-21	20	1	10.1016/j.aspen.2016.08.009	Kim et al.
2017	Dysfunction of Microglial STAT3 Alleviates Depressive Behavior via Neuron–Microglia Interactions	Neuropsychopharmacology	2072-2086	42		10.1038/npp.2017.93	Kwon et al.
2017	Long-term humoral immunity induced by CVC1302-adjuvanted serotype O foot-and-mouth disease inactivated vaccine correlates with promoted T follicular helper cells and thus germinal center responses in mice	Vaccine	7088-7094	35	51	10.1016/j.vaccine.2017.10.094	Du et al.
2017	spv locus aggravates Salmonella infection of zebrafish adult by inducing Th1/Th2 shift to Th2 polarization	Fish & Shellfish Immunology	684-691	67		10.1016/j.fsi.2017.06.057	Wu et al.
2017	Rap2b siRNA significantly enhances the anticancer therapeutic efficacy of Adriamycin in a gold nanoshell-based drug/gene co-delivery system	Oncotarget	21200-21211	8	13	10.18632/oncotarget.15508	Ding et al.
2017	cDNA-AFLP analysis of 1BL.1RS under waterdeficit stress and development of wheat-rye translocation-specific markers	New Zealand Journal of Crop and Horticultural Science	150-164	45	2	10.1080/01140671.2016.1269018	Jang et al.
2017	Constitutive expression of OsDof4, encoding a C2-C2 zinc finger transcription factor, confers its distinct flowering effects under long- and short-day photoperiods in rice (<i>Oryza sativa</i> L.)	BMC Plant biology	166	17	1	10.1186/s12870-017-1109-0	Wu et al.
2017	Grape-seed Polyphenols Play a Protective Role in Elastase-induced Abdominal Aortic Aneurysm in Mice	Scientific Reports	9402	7	1	10.1038/s41598-017-09674-4	Wang et al.
2017	Telomerase reverse transcriptase mediates EMT through NF-κB signaling in tongue squamous cell carcinoma	Oncotarget		8	49	10.18632/oncotarget.20888	Wu, Y.
2017	The rhizoferrin biosynthetic gene in the fungal pathogen <i>Rhizopus delemar</i> is a novel member of the NIS gene family	The International Journal of Biochemistry & Cell Biology	136-146	89		10.1016/j.biocel.2017.06.005	Carroll et al.
2017	Long Noncoding RNA Kcna2 Antisense RNA Contributes to Ventricular Arrhythmias via Silencing Kcna2 in Rats With Congestive Heart Failure	Journal of the American Heart Association		6	12	https://doi.org/10.1161/JAHA.117.005965	Long et al .
2017	Annexin A10 contributes to chronic constrictive injury-induced pain through activating ERK1/2 signaling in rats	International Journal of Neuroscience	125-132	128	2	10.1080/00207454.2017.1375913	Li et al.
2017	miR-141-3p functions as a tumor suppressor modulating activating transcription factor 5 in glioma	Biochemical and Biophysical Research Communications	1260-1267	490	4	https://doi.org/10.1016/j.bbrc.2017.05.179	Wang et al.
2017	Genetic stability of Rift Valley fever virus MP-12 vaccine during serial passages in culture cells.	NPJ Vaccines		2	20	29167748	Lokugamage N, Ikegami T
2017	Arabidopsis UDP-glycosyltransferase 78D1-overexpressing plants accumulate higher levels of kaempferol 3-O-b-D-glucopyranoside than wild-type plants	Applied Biological Chemistry	647–652	60	6	https://doi.org/10.1007/s13765-017-0322-8	Lee et al.
2017	Decreased Plasma COMP and Increased Plasma CTX-II Levels in a Chinese Pseudoachondroplasia Family with Novel COMP Mutation	BioMed Research International		2017		10.1155/2017/5809787	Gu et al.
2017	Proteomic analysis of differentially expressed proteins of <i>Nicotiana benthamiana</i> triggered by INF1 elicitor from <i>Phytophthora infestans</i>	Journal of General Plant Pathology	66-77	83	N/A	10.1007/s10327-017-0699-6	Du et al.
2017	Characterization of the IRF2 proteins isolated from the deep-sea mussel <i>Bathymodiolus platifrons</i> and the shallow-water mussel <i>Modiolus modiolus</i>	Developmental & Comparative Immunology	82-87	71		10.1016/j.dci.2017.01.015	Huang et al.
2017	Comparative analysis between low- and high-cadmium-accumulating cultivars of <i>Brassica parachinensis</i> to identify difference of cadmium-induced microRNA and their targets	Plant and Soil	223–237	420	1-2	https://doi.org/10.1007/s11104-017-3380-0	Zhou et al.
2017	A minimum fragment of polyhedrin for higher expression of foreign proteins in a baculovirus expression system	Journal of Asia-Pacific Entomology	591-597	20		10.1016/j.aspen.2017.03.021	Bae et al.
2017	Protectin D1n-3 DPA and resolvin D5n-3 DPA are effectors of intestinal protection	Proceedings of the National Academy of Sciences	3963-3968	114	15	10.1073/pnas.1617290114	Gobbetti et al.

2017	Determination of the Population Structure of Fig Genotypes from Algeria and Turkey Using Inter Primer Binding Site-Retrotransposon and Simple Sequence Repeat Markers	Agricultural Sciences	1337-1357	8	12	10.4236/as.2017.812097	Belttar et al.
2017	Identification of Downy Mildew Resistance Gene Candidates by Positional Cloning in Maize (<i>Zea mays</i> subsp. <i>mays</i> ; Poaceae)	Botanical Society of America		5	2	10.3732/apps.1600132	Kim et al.
2017	TEAD3, implicated by association to grilising in Atlantic salmon	Aquaculture	571-578	479	1	10.1016/j.aquaculture.2017.06.026	Christensen et al.
2017	Yeasts Harbored by Vespine Wasps in the Pacific Northwest	Environmental entomology	217–225	46	2	https://doi-org.proxy.lib.sfu.ca/10.1093/ee/nvw173	Jimenez et al.
2017	Identification of substituent groups and related genes involved in salean biosynthesis in <i>Agrobacterium</i> sp. ZX09	Applied Microbiology and Biotechnology	585-598	101	2	10.1007/s00253-016-7814-z	Xu et al.
2017	Occurrence and diversity of antibiotic resistance in untreated hospital wastewater	Science of The Total Environment	n/a	n/a	n/a	10.1016/j.scitotenv.2017.10.128	Wang et al.
2017	Evaluate the Efficiency of AGILENT SureDirect Blood PCR Kit	IFMBE	235-241	63		10.1007/978-981-10-4361-1_39	Truc-Chi et al.
2017	Allosteric Modulation of Src Family Kinases with ATP-Competitive Inhibitors	Kinase Singaling Networks	79-89	n/a	n/a	10.1007/978-1-4939-7154-1_6	Register et al.
2017	EphrinB1 promotes cancer cell migration and invasion through the interaction with RhoGDI1	Oncogene	Epub ahead of print]	Epub ahead of print]	Epub ahead of print]	10.1038/onc.2017.386	Cho et al.
2017	Human leucine zipper protein promotes hepatic steatosis via induction of apolipoprotein A-IV	The FASEB Journal	2548-2561	31	6	10.1096/fj.201601227R	Kang et al.
2017	TRPV5, TRPV6, TRPM6, and TRPM7 do not contribute to hair-cell mechanotransduction	bioRxiv	204172	n/a	n/a	10.1101/204172	Morgan et al.
2017	Chemical screening identifies ROCK as a target for recovering mitochondrial function in Hutchinson?Gilford progeria syndrome	Aging cell	541-550	15	3	10.1111/accel.12584	Kang et al.
2017	Paradoxical effect of IKK β inhibition on the expression of E3 ubiquitin ligases and unloading induced skeletal muscle atrophy	Physiological Reports		5	e13291	10.14814/phy2.13291	Belova et al.
2017	Rapid decline in MyHC I(β) mRNA expression in rat soleus during hindlimb unloading is associated with AMPK dephosphorylation	The Journal of physiology	7123-7134	595	23	10.1113/JP275184	Vilchinskaya et al.
2017	5-Fluorouracil treatment alters the expression of intestinal transporters in rats	Biopharmaceutics & Drug Disposition	n/a	n/a	n/a	10.1002/bdd.2102	Yotsumoto et al.
2017	Establishment and characterization of EBV positive B-lymphoblastoid cell lines derived from cancers	Seoul National Univeristy				http://hdl.handle.net/10371/138006	Hee Jae Jang
2017	Inhibitory effects of Japanese horseradish (<i>Wasabia japonica</i>) on the formation and genotoxicity of a potent carcinogen, acrylamide	Journal of the Science of Food and Agriculture	2419-2425	97	8	10.1002/jsfa.8055	Shimamura et al.
2017	Microcontact printing of polydopamine on thermally expandable hydrogels for controlled cell adhesion and delivery of geometrically defined microtissues	Acta Biomaterialia	75-87	61		10.1016/j.actbio.2017.07.040	Shin et al.
2017	Mutant huntingtin protein expression and blood–spinal cord barrier dysfunction in huntington disease	Annals of Neurology	981-994	82	6	DOI: 10.1002/ana.25107	Sciacca et al.
2017	Potential contribution of the hepcidin-macrophage axis to plaque vulnerability in acute myocardial infarction in human	International Journal of Cardiology	114-121	227	n/a	10.1016/j.ijcard.2016.11.147	Sasai et al.
2017	TBC1D12 is a novel Rab11-binding protein that modulates neurite outgrowth of PC12 cells	PloS one	e0174883	12	4	10.1371/journal.pone.0174883	Fukuda et al.
2017	Vitronectin Regulates the Fibrinolytic System during the Repair of Cerebral Cortex in Stab-Wounded Mice	Journal of Neurotrauma	3183-3191	34	22	10.1089/neu.2017.5008	Hashimoto et al.
2017	Molecular evidence of a new <i>Babesia</i> sp. in goats	Veterinary Parasitology	1-8	233		10.1016/j.vetpar.2016.11.016	Sezayi Ozubek and Munir Aktas

2017	Hypothermia inhibits the proliferation of bone marrow-derived mesenchymal stem cells and increases tolerance to hypoxia by enhancing SUMOylation	Internal Journal of Molecular Medicine	1631-1638	40	6	10.3892/ijmm.2017.3167	Liu et al.
2017	LncRNA MALAT1 Inhibits Apoptosis and Promotes Invasion by Antagonizing miR-125b in Bladder Cancer Cells	Journal of Cancer	3803-3811	8	18	10.7150/jca.21228	Xie et al.
2017	HIF-1α:CRAT:miR-144-3p axis dysregulation promotes osteoarthritis chondrocyte apoptosis and VLCFA accumulation	Oncotarget	69351-69361	8	41	10.18632/oncotarget.20615	Song et al.
2017	Quercetin inhibits Cr(VI)-induced malignant cell transformation by targeting miR-21-PDCD4 signaling pathway	Oncotarget	52118-52131	8	32	10.18632/oncotarget.10130	Pratheeshkumar et al.
2017	Selective loading of exosomal HULC and miR-372 is responsible for chondrocyte death during OA pathogenesis	Animal Cells and Systems	397-403	21	6	10.1080/19768354.2017.1406871	Song et al.
2017	The lncRNA, Nespas, Is Associated with Osteoarthritis Progression and Serves as a Potential New Prognostic Biomarker	Cartilage				10.1177/1947603517725566	Park et al.
2017	Influence of a GSK3β phosphorylation site within the proximal C-terminus of Neurofilament-H on neurofilament dynamics.	Biol Open	1516-1527	6	10	28882840	Vohnoutka et al.
2017	Activation of EIF4E by Aurora Kinase A Depicts a Novel Druggable Axis in Everolimus-Resistant Cancer Cells	Clinical Cancer Research				10.1158/1078-0432.CCR-16-2141	Katsha et al.
2017	Cisplatin-resistant cancer cells are sensitive to Aurora kinase A inhibition by alisertib	Molecular Oncology	981-995	11	8	10.1002/1878-0261.12066	Wong et al.
2017	A START-domain-containing protein is a novel marker of nervous system components of the sea cucumber <i>Holothuria glaberrima</i>	Comparative Biochemistry and Physiology Part B: Biochemistry and Molecular Biology	57-65	214	34	https://doi.org/10.1016/j.cbpb.2017.08.004	Edwin et al.
2017	Analysis of cellular heterogeneity for enhancing the protein production in industrial scales	Newcastle University eTheses					Sauer, Christopher
2017	Associations Between GH, PRL, STAT5A, OPN, PIT-1, LEP and FGF2 Polymorphisms and Fertility in Holstein-Friesian Heifers	Kafkas Universitesi Veteriner Fakultesi Dergisi	527-534	23	4	10.9775/kvfd.2016.17192	Öner et al.
2017	Chemical and Microbiological Properties on Sanitary of Swimming Crab <i>Portunus trituberculatus</i> as Sources for Seafood Products	Korean J Fish Aquat Sci	243-249	50	3	10.5657/KFAS.2017.0243	Kang et al.
2017	Chlorin e6-mediated photodynamic therapy promotes collagen production and suppresses MMPs expression via modulating AP-1 signaling in P. acnes-stimulated HaCaT cells	Photodiagnosis and Photodynamic Therapy	71-77	20	-	10.1016/j.pdpdt.2017.08.002.	A-ReumRyu & Mi-Young Lee
2017	Class 1 Integrins and the Antibiotic Resistance Profile of Salmonella Infantis Strains from Broiler Chickens	Kafkas Univ Vet Fak Derg	803-807	23	5	10.9775/kvfd.2017.17821	Kaya et al.
2017	Connexin 36 expression is required for electrical coupling between mouse rods and cones	Visual neuroscience		34		10.1017/S0952523817000037	Asteriti et al.
2017	Contribution of nitric oxide synthase from coagulase-negative staphylococci to the development of red myoglobin derivatives	International Journal of Food Microbiology				10.1016/j.ijfoodmicro.2017.11.005	Ras et al.
2017	Differences of RNA Expression in the Tendon According to Anatomic Outcomes in Rotator Cuff Repair	The American Journal of Sports Medicine		45	13	10.1177/0363546517713198	Ahn et al.
2017	Identification and monitoring of Korean medicines derived from <i>Cinnamomum</i> spp. by using ITS and DNA marker	Genes & genomics	101-109	39	1	10.1007/s13258-016-0476-5	Doh et al.
2017	Molecular, morphological and acoustic assessment of the genus <i>Ophryophryne</i> (Anura, Megophryidae) from Langbian Plateau, southern Vietnam, with description of a new species	ZooKeys	49-120	672		0.3897/zookeys.672.10624	Poyarkov Jr. et al.
2017	Predictive Value of Sphingosine Kinase 1 Expression in Papillary Thyroid Carcinoma	Anticancer Research	5399-5405	37	10	10.21873/anticancer.11967	Do et al.
2017	Prevalence and some virulence genes of <i>Escherichia coli</i> O157 isolated from chicken meats and giblets	Journal of National Research Institute of Animal Production	555-563	17	2	10.1515/aoas-2016-0061	Guran et al.

2017	Survey of porcine respiratory disease complex-associated pathogens among commercial pig farms in Korea via oral fluid method	Journal of Veterinary Science	283-289			doi: 10.4142/jvs.2017.18.3.283	Cheong et al.
2017	Targeted gene delivery of polyethyleneimine-grafted chitosan with RGD dendrimer peptide in $\alpha\text{v}\beta 3$ integrin-overexpressing tumor cells	Carbohydrate Polymers	1059-1068	174		10.1016/j.carbpol.2017.07.035	Kim et al.
2017	Image-based modeling and scoring of Howell–Jolly Bodies in human erythrocytes	Cytometry Part A	1-9	na	na	10.1002/cyto.a.23123	Angay et al.
2017	Assembly and Multiplex Genome Integration of Metabolic Pathways in Yeast Using CasEMBLR	Synthetic metabolic pathways	185-201			10.1007/978-1-4939-7295-1_12	Jakočiūnas et al.
2017	Genetic Diversity of <i>Fusarium oxysporum</i> f.sp. <i>lentis</i> Population Affecting Lentil in Syria	Journal of Phytopathology	306-312	165	5	10.1111/jph.12563	Al-Husien et al.
2017	Direct fluorescent-dye labeling of α -tubulin in mammalian cells for live cell and superresolution imaging	Molecular Biology of the Cell	2747-2756	28	21	10.1091/mbc.E17-03-0161	Schvartz et al.
2017	PnLRR-RLK27, a novel leucine-rich repeats receptor-like protein kinase from the Antarctic moss <i>Pohlia nutans</i> , positively regulates salinity and oxidation-stress tolerance	PLOS				10.1371/journal.pone.0172869	Wang et al.
2017	Transcription factor-induced activation of cardiac gene expression in human c-kit ⁺ cardiac progenitor cells	PloS one	e0174242	12	3	10.1371/journal.pone.0174242	Al-Maqtari et al.
2017	Evaluation of Three Devices for the Isolation of the Stromal Vascular Fraction from Adipose Tissue and for ASC Culture: A Comparative Study	Stem cells international				10.1155/2017/9289213	Rodriguez et al.
2017	Loss of calponin h1 confers anoikis resistance and tumor progression in the development of high-grade serous carcinoma originating from the fallopian tube epithelium	Oncotarget		8	37	10.18632/oncotarget.18024	Wang et al.
2017	The impact of stromal Hic-5 on the tumorigenesis of colorectal cancer through lysyl oxidase induction and stromal remodeling	Oncogene	-	-	-	10.1038/s41388-017-0033-y	Omoto et al.
2017	Aggregatibacter actinomycetemcomitans regulates the expression of integrins and reduces cell adhesion via integrin $\alpha 5$ in human gingival epithelial cells	Molecular and Cellular Biochemistry		436	39	10.1007/s11010-017-3076-z	Kochi et al.
2017	Intracellular galectin-7 expression in cancer cells results from an autocrine transcriptional mechanism and endocytosis of extracellular galectin-7	PLoS One		12	11	10.1371/journal.pone.0187194	Bibens-Laulan et al.
2017	MicroRNA-146a induction during influenza H3N2 virus infection targets and regulates TRAF6 levels in human nasal epithelial cells (hNECs)	Experimental Cell Research	184-192	352	2	https://doi.org/10.1016/j.yexcr.2017.01.011	Deng et al.
2017	Selenium Deficiency-Induced Apoptosis of Chick Embryonic Vascular Smooth Muscle Cells and Correlations with 25 Selenoproteins	Biological Trace Element Research	407-415	176	2	10.1007/s12011-016-0823-z	Wang et al.
2017	TGACG-BINDING FACTOR 1 (TGA1) and TGA4 regulate salicylic acid and pipelicolic acid biosynthesis by modulating the expression of SYSTEMIC ACQUIRED RESISTANCE DEFICIENT 1 (SARD1) and CALMODULIN-BINDING PROTEIN 60g (CBP60g)					10.1111/nph.14780	Tongjin et al.
2017	MicroRNA-146a knockdown suppresses the progression of ankylosing spondylitis by targeting dickkopf 1	Biomedicine & Pharmacotherapy	1243-1249	97		10.1016/j.biopha.2017.11.067	Dia et al.
2017	Simvastatin inhibits the expression of stemness-related genes and the metastatic invasion of human cancer cells via destruction of the cytoskeleton	International Journal of Oncology	1851-1859			10.3892/ijo.2017.4158	Rosarita et al.
2017	miR-19 targeting of GSK3 β mediates sulforaphane suppression of lung cancer stem cells	The Journal of Nutritional Biochemistry	80-91	44		10.1016/j.jnutbio.2017.02.020	Zhu et al.
2017	Wnt/ β -catenin pathway mediates (–)-Epigallocatechin-3-gallate (EGCG) inhibition of lung cancer stem cells	Biochemical and Biophysical Research Communications	15-21	485	1	10.1016/j.bbrc.2016.11.038	Zhu et al.
2017	Casein glycomacropeptide derived peptide IPPKKNQDKTE ameliorates high glucose induced insulin resistance in HepG2 cells via activation of AMPK signaling	Molecular nutrition & food research	n/a	61	2	10.1002/mnfr.201600301	Song et al.
2017	Cell Cycle and Cell Size Dependent Gene Expression Reveals Distinct Subpopulations at Single-Cell Level	Frontiers in Genetics		8	1	10.3389/fgene.2017.00001	Dolatabadi et al.
2017	Characterization of immortalized human mammary epithelial cell line HMEC 2.6	Tumor Biology		39	10	10.1177/1010428317724283	Joshi et al.

2017	Downregulating Neuropilin-2 triggers a novel mechanism enabling EGFR-dependent resistance to oncogene-targeted therapies	Cancer Research				10.1158/0008-5472.CAN-17-2020	Rizzolio et al.
2017	Heat shock protein 70-2 (HSP70-2) a novel cancer testis antigen that promotes growth of ovarian cancer	American Journal of Cancer Research	1252–1269	7	6	28670489	Gumpta et al.
2017	Induction of endoplasmic reticulum calcium pump expression during early leukemic B cell differentiation	Journal of Experimental & Clinical Cancer Research	87	36	1	10.1186/s13046-017-0556-7	Ghezali et al.
2017	No evidence of genome editing activity from <i>Natronobacterium gregoryi</i> Argonaute (NgAgo) in human cells	PLOS One	e0177444	12	5	10.1371/journal.pone.0177444	Javidi-Parsijani et al.
2017	Role of A-Kinase anchor protein (AKAP4) in growth and survival of ovarian cancer cells	Oncotarget	53124–53136	8	32	10.18632/oncotarget.18163	Kumar et al.
2017	Suppression of $\alpha\beta 6$ Integrin Expression by Polymicrobial Oral Biofilms in Gingival Epithelial Cells	Scientific Reports	4411	7	1	10.1038/s41598-017-03619-7	Bi et al.
2017	Surface-enhanced Raman scattering investigation of targeted delivery and controlled release of gemcitabine	International Journal of Neuromedicine	7763–7776	12		10.2147/IJN.S149306	Santiago et al.
2017	Systems, apparatus, and methods for analyzing and predicting cellular pathways	US Patent Application				US20170046476A1	Pirhaji et al.
2017	Cell Lysate-Based AlphaLISA Deubiquitinase Assay Platform for Identification of Small Molecule Inhibitors	ACS Chem Biol	2399-2407	12	9	10.1021/acscchembio.7b00543.	Ott et al.
2017	Immortalized porcine mesenchymal cells derived from nasal mucosa, lungs, lymph nodes, spleen and bone marrow retain their stemness properties and trigger the expression of siglec-1 in co-cultured blood monocytic cells	PLoS ONE		12	10	10.1371/journal.pone.0186343	Garba et al.
2017	Stromal cues regulate the pancreatic cancer epigenome and metabolome	Proceedings of the National Academy of Sciences	1129-1134	114	5	10.1073/pnas.1620164114	Sherman et al.
2017	Long-term culture and differentiation of porcine red bone marrow hematopoietic cells co-cultured with immortalized mesenchymal cells	Veterinary Immunology and Immunopathology	45	191		10.1016/j.vetimm.2017.08.002	Garba et al.
2017	Efficient generation of targeted and controlled mutational events in porcine cells using nuclease-directed homologous recombination	Journal of Surgical Research	239	212		10.1016/j.jss.2017.01.025	Butler et al.
2017	Characterising PvRBSA: an exclusive protein from Plasmodium species infecting reticulocytes	Parasites & Vectors	243	10	1	10.1186/s13071-017-2185-6	Moreno-Pérez et al.
2017	Cytomegalovirus UL128 homolog mutants that form a pentameric complex produce virus with impaired epithelial and trophoblast cell tropism and altered pathogenicity in the guinea pig	Virology	217	509		10.1016/j.virol.2017.06.008	Coleman et al.
2017	Intrinsic Properties of Brown and White Adipocytes Have Differential Effects on Macrophage Inflammatory Responses	Mediators of Inflammation		2017		10.1155/2017/9067049	Dowal et al.
2017	Exosomal miR-6803-5p as potential diagnostic and prognostic marker in colorectal cancer	Journal of Cellular Biochemistry				10.1002/jcb.26609	Yan et al.
2017	Comparative analysis of cadmium responsive microRNAs in roots of two <i>Ipomoea aquatica</i> Forsk. cultivars with different cadmium accumulation capacities	Plant Physiology and Biochemistry	329-339	111		10.1016/j.plaphy.2016.12.013	Shen et al.
2017	RNA-Binding Protein Dnd1 Promotes Breast Cancer Apoptosis by Stabilizing the Bim mRNA in a miR-221 Binding Site	BioMed Research International		2017		10.1155/2017/9596152	Cheng et al.
2017	Inhibition of the Nuclear Export Receptor XPO1 as a Therapeutic Target for Platinum-Resistant Ovarian Cancer	Clinical Cancer Research	1552-1563	23	6	10.1158/1078-0432.CCR-16-1333	Chen et al.
2017	1-palmitoyl-2-linoleoyl-3-acetyl-rac-glycerol ameliorates arthritic joints through reducing neutrophil infiltration mediated by IL-6/STAT3 and MIP-2 activation	Oncotarget	96636–96648	8	57	10.18632/oncotarget.19384	Kim et al.
2017	A novel isoform of IL-33 revealed by screening for transposable element promoted genes in human colorectal cancer	Plos One		12	7	10.1371/journal.pone.0180659	Lock et al.

2017	Improvement in the production of the human recombinant enzyme N-acetylgalactosamine-6-sulfatase (rhGALNS) in Escherichia coli using synthetic biology approaches	Scientific Reports		7	5844	10.1038/s41598-017-06367-w	Reyes et al.
2017	Reliable molecular differentiation of Trichuris ovis and Trichuris discolor from sheep (Ovis orientalis aries) and roe deer (Capreolus capreolus) and morphological characterisation of their females: morphology does not work sufficiently	Parasitology Research	2199-2210	116	8	10.1007/s00436-017-5524-9	Vejl et al.
2017	The Peptidylarginine Deiminase Inhibitor Cl-Amidine Suppresses Inducible Nitric Oxide Synthase Expression in Dendritic Cells	International journal of molecular sciences	2258	18	11	10.3390/ijms18112258	Jang et al.
2017	DNA barcoding of fisheries catch to reveal composition and distribution of cutlassfishes along the Taiwan coast	Fisheries Research	105	187		10.1016/j.fishres.2016.11.015	Wang et al.
2017	Clock gene affect the noncanonical NF-κB pathway via circadian variation of Otud7b	Biological Rhythm research	939-950	48	6	10.1080/09291016.2017.1323422	Hou et al.
2017	Direct induction of neural progenitor cells transiently passes through a partially reprogrammed state	Biomaterials	53-67	119		10.1016/j.biomaterials.2016.12.007	Rui et al.
2017	Etanercept protects rat cardiomyocytes against hypertrophy by regulating inflammatory cytokines secretion and cell apoptosis	Brazilian Journal of Medical and Biological Research		50		10.1590/1414-431x20175868	Li et al.
2017	Fine mapping identifies CsGCN5 encoding a histone acetyltransferase as putative candidate gene for mutation (td-1) in cucumbertendril-less1	Theoretical and Applied Genetics	1549-1558	130		10.1007/s00122-017-2909-1	Chen et al.
2017	Functional regulation of Q by microRNA172 and transcriptional co-repressor TOPLESS in controlling bread wheat spikelet density	Plant biotechnology journal	1 to 12			10.1111/pbi.12790	Liu et al.
2017	Gene cloning, expression, and characterization of trehalose-6-phosphate synthase from Pleurotus ostreatus	Journal of Basic Microbiology				10.1002/jobm.201700120	Lei et al.
2017	Identification of Type III Interferon (IFN-λ) in Chinese Goose: Gene Structure, Age-Dependent Expression Profile, and Antiviral Immune Characteristics In Vivo and In Vitro	Journal of Interderon & Cytokine Research	269-277	37	6	10.1089/jir.2016.0061	Zhou et al.
2017	JNK Pathway-Associated Phosphatase/DUSP22 Suppresses CD4+ T-Cell Activation and Th1/Th17-Cell Differentiation and Negatively Correlates with Clinical Activity in Inflammatory Bowel Disease	Frontiers in Immunology		8	781	10.3389/fimmu.2017.00781	Zhou et al.
2017	Method for quantitative detection of FAM19A4 by flow cytometry using latex beads as solid carrier	Journal of Bioscience and Bioengineering				10.1016/j.jbiosc.2017.10.008	Ting et al.
2017	MicroRNA-448 promotes multiple sclerosis development through induction of Th17 response through targeting protein tyrosine phosphatase non-receptor type 2 (PTPN2)	Biochemical and Biophysical Research Communications	759-766	486	3	10.1016/j.bbrc.2017.03.115	Wu et al.
2017	Salvia miltiorrhiza Lipophilic Fraction Attenuates Oxidative Stress in Diabetic Nephropathy through Activation of Nuclear Factor Erythroid 2-Related Factor 2	The American Journal of Chinese Medicine	1441-1457	45	7	10.1142/S0192415X17500781	An et al.
2017	Smad nuclear interacting protein 1 (SNIP1) inhibits intestinal inflammation through regulation of epithelial barrier function	Mucosal Immunology				10.1038/mi.2017.95	Shi et al.
2017	STEAP4 expression in human islets is associated with differences in body mass index, sex, HbA1c, and inflammation	Endocrine	528-537	56	3	10.1007/s12020-017-1297-2	Gordon et al.
2017	Suppression of circadian secretion of glucagon-like peptide-1 by the saturated fatty acid, palmitate	Acta Physiologica				10.1111/apha.13007	Martchenko et al.
2017	The Cytochrome P450 Gene CsCYP85A1 Is a Putative Candidate for Super Compact-1 (Scp-1) Plant Architecture Mutation in Cucumber (Cucumis sativus L.)	Frontiers in Plant Science	1-013	8	-	10.3389/fpls.2017.00266	Wang et al.
2017	Transcription factors NF-YA2 and NF-YA10 regulate leaf growth via auxin signaling in Arabidopsis	Scientific Reports	1395	7	1	10.1038/s41598-017-01475-z	Zhang et al.
2017	Galectin-1 promotes tumor progression via NF-κB signaling pathway in epithelial ovarian cancer	Journal of Cancer	3733-3741	8	18	10.7150/jca.20814	Chen et al.
2017	Doxycycline attenuates breast cancer related inflammation by decreasing plasma lysophosphatidate concentrations and inhibiting NF-κB activation	Molecular Cancer		16	36	10.1186/s12943-017-0607-x	Tang et al.
2017	Comparative analysis between low- and high-cadmium-accumulating cultivars of Brassica parachinensis to identify difference of cadmium-induced microRNA and their targets	Plant and Soil	223-237	420	####	10.1007/s11104-017-3380-0	Zhou et al.
2017	CD55 and CD59 expression protects HER2-overexpressing breast cancer cells from trastuzumab-induced complement-dependent cytotoxicity	Oncology Letters	2961-2969	14	3	10.3892/ol.2017.6555	Wang et al.

2017	Characterization of the CDK5 gene in <i>Apis cerana cerana</i> (AccCDK5) and a preliminary identification of its activator gene, AccCDK5r1	Cell Stress and Chaperones	1-16			10.1007/s12192-017-0820-y	Zhao et al.
2017	Genome-wide analysis and functional prediction of long noncoding RNAs in mouse uterus during the implantation window	Oncotarget	84360-84372	8	48	10.18632/oncotarget.21031	Wang et al.
2017	GoTLR7 but not GoTLR21 mediated antiviral immune responses against low pathogenic H9N2 AIV and Newcastle disease virus infection	Immunology Letters	43266	181		10.1016/j.imlet.2016.11.001	Yan et al.
2017	Identification and characterization of a novel sesquiterpene synthase from <i>Aquilaria sinensis</i> : An important gene for agarwood formation	International Journal of Biological Macromolecules				10.1016/j.ijbiomac.2017.10.183	Ye et al.
2017	Intracerebroventricular injection of RFRP-3 delays puberty onset and stimulates growth hormone secretion in female rats	Reproductive Biology and Endocrinology		15	35	10.1186/s12958-017-0254-5	Han et al.
2017	Mangiferin protects mitochondrial function by preserving mitochondrial hexokinase-II in vessel endothelial cells	BBA	1829-1839	1863	7	10.1016/j.bbadis.2017.05.001	Song et al.
2017	Neonicotinoid insecticides imidacloprid, guadipyr, and cycloxaprid induce acute oxidative stress in <i>Daphnia magna</i>	Ecotoxicology and Environmental Safety	352-358	148		10.1016/j.ecoenv.2017.10.042	Qi et al.
2017	PnF3H, a flavanone 3-hydroxylase from the Antarctic moss <i>Pohlia nutans</i> , confers tolerance to salt stress and ABA treatment in transgenic <i>Arabidopsis</i>	Plant Growth Regul	489-500	83	1	10.1007/s10725-017-0314-z	Li et al.
2017	Snail Driving Alternative Splicing of CD44 by ESRP1 Enhances Invasion and Migration in Epithelial Ovarian Cancer	Cellular Physiology and Biochemistry	2489-2504	43		10.1159/000484458	Chen et al.
2017	Inhibitory effects of doxycycline on the onset and progression of abdominal aortic aneurysm and its related mechanisms	The American Phytopathological Society	101-109	811		10.1016/j.ejphar.2017.05.041	Yu et al.
2017	Identification of IFITM1 and IFITM3 in Goose: Gene Structure, Expression Patterns, and Immune Responses against Tembusu Virus Infection	BioMed Research International		2017		10.1155/2017/5149062	Wang et al.
2017	SWATH-based quantitative proteomics reveals the mechanism of enhanced <i>Bombyx mori</i> nucleopolyhedrovirus-resistance in silkworm reared on UV-B treated mulberry leaves	Proteomics	1-16	17	13-14	10.1002/pmic.201600383	Hu et al.
2017	Development of a multiplex probe combination-based one-step realtime reverse transcription-PCR for NA subtype typing of avian influenza virus	Scientific Reports	13455	7	1	10.1038/s41598-017-13768-4	Sun et al.
2017	Upregulation of DARS2 by HBV promotes hepatocarcinogenesis through the miR-30e-5p/MAPK/NFAT5 pathway	Journal of Experimental & Clinical Cancer Research		36	148	10.1186/s13046-017-0618-x	Qin et al.
2017	Clinical significance of C/D box small nucleolar RNA U76 as an oncogene and a prognostic biomarker in hepatocellular carcinoma	Clin Res Hepatol Gastroenterol				10.1016/j.clinre.2017.04.018	Wu et al.
2017	Comparison of Nucleic Acid Gel Stains Cell permeability, safety, and sensitivity of ethidium bromide alternatives	Biotium				http://www.wako-chem.co.jp/siyaku/product/life/Biotium/pdf/Biotium-2.pdf	Guzaev et al.
2017	The lincRNA-ROR/miR-145 axis promotes invasion and metastasis in hepatocellular carcinoma via induction of epithelial-mesenchymal transition by targeting ZEB2	Scientific Reports	1	7	1	10.1038/s41598-017-04113-w	Li et al.
2017	Hypothalamic stem cells control ageing speed partly through exosomal miRNAs.	Nature	52-57	548	7665	28746310	Zhang et al.
2017	Magnitude-dependent and inversely-related osteogenic/chondrogenic differentiation of human mesenchymal stem cells under dynamic compressive strain.	Journal of Tissue Engineering and Regenerative Medicine				10.1002/term.2332	Horner et al.
2017	Targeted degradation of BET proteins in triple-negative breast cancer	Cancer Research	1-22	na	na	10.1158/0008-5472.CAN-16-2622	Bai et al.
2017	Developmental alterations in Huntington's disease neural cells and pharmacological rescue in cells and mice	Nature Neuroscience	648-660	20	5	10.1038/nn.4532	Lim et al.

2017	Cytotoxicity of thymoquinone alone or in combination with cisplatin (CDDP) against oral squamous cell carcinoma in vitro	Scientific Reports	13131	7	1	10.1038/s41598-017-13357-5	Alaoui et al.
2017	Prominin-1 Is a Novel Regulator of Autophagy in the Human Retinal Pigment Epithelium		2366-2387	58	4	doi:10.1167/iov.16-21162	Bhattacharya et al.
2017	STAT3 balances myocyte hypertrophy vis-à-vis autophagy in response to Angiotensin II by modulating the AMPK α /mTOR axis	PLOS ONE	1-17	12	7	10.1371/journal.pone.0179835	Chen et al.
2017	The lipid peroxidation product 4-hydroxy-2-nonenal induces tissue factor decryption via ROS generation and the thioredoxin system	Blood Advances	2399–2413	1	25	10.1182/bloodadvances.2017010132	Ansari et al.
2017	Exosomes from uninfected cells activate transcription of latent HIV-1	Journal of Biological Chemistry	11682-11701	292		10.1074/jbc.A117.793521DOI 10.1074/jbc.A117.793521	Barclay et al.
2017	Effects of Arthrocen, an avocado/soy unsaponifiables agent, on inflammatory mediators and gene expression in human chondrocytes	Federation of European Biochemical Societies (FEBS) Open Bio	187-194	7	2	10.1002/2211-5463.12176	Goudarzi et al.
2017	In Vitro Effects of Arthrocen, an Avocado/Soy Unsaponifiables Agent, on Inflammation and Global Gene expression in Human Monocytes	International Journal of Chemistry	31-39	9	4	10.5539/ijc.v9n4p31	Taylor et al.
2017	IRF-8 is Involved in Amyloid- β 1–40 (A β 1–40)-induced Microglial Activation: a New Implication in Alzheimer's Disease	Journal of molecular neuroscience	159-164	63	2	28856571	Zeng et al.
2017	Zbtb7a induction in alveolar macrophages is implicated in anti-HLA-mediated lung allograft rejection	Science Translational Medicine	eaal1243	9	398	10.1126/scitranslmed.aal1243	Nayak et al.
2017	Proteolytic cleavages in the extracellular domain of receptor tyrosine kinases by membrane-associated serine proteases	Oncotarget	56490-56505	8	34	28915606	Chen et al.
2017	Salmonella exploits the host endolysosomal tethering factor HOPS complex to promote its intravacuolar replication			13	10	10.1371/journal.ppat.1006700	Sindhvani et al.
2017	New inhibitor targeting human transcription factor HSF1: effects on the heat shock response and tumor cell survival	Nucleic Acids Research	5797–5817	45	10	10.1093/nar/gkx194	Vilaboa et al.
2017	PARK2 Depletion Connects Energy and Oxidative Stress to PI3K/Akt Activation via PTEN S-Nitrosylation	Molecular Cell	999-1013	65	6	10.1016/j.molcel.2017.02.019	Gupta et al.
2017	The Rab7 effector PLEKHM1 binds Arl8b to promote cargo traffic to lysosomes	J Cell Biol	1051-1070	216	4	10.1083/jcb.201607085	Marwaha et al.
2017	Protein Phosphatase, Mg ²⁺ /Mn ²⁺ -dependent 1A controls the innate antiviral and antibacterial response of macrophages during HIV-1 and Mycobacterium tuberculosis infection	Oncotarget	15394	7	13	10.18632/oncotarget.8190	Sun et al.
2017	Clinical significance of SNORA42 as an oncogene and a prognostic biomarker in colorectal cancer	Gut	107-117	66	1	10.1136/gutjnl-2015-309359	Okugawa et al.
2017	Menthol evokes Ca ²⁺ signals and induces oxidative stress independently of the presence of TRPM8 (menthol) receptor in cancer cells	Redox Biology	439-449	14		10.1016/j.redox.2017.10.009	Naziroğlu et al.
2017	Non-invasive assessment of murine PD-L1 levels in syngeneic tumor models by nuclear imaging with nanobody tracers	Oncotarget		5		10.18632/oncotarget.16708	Broos et al.
2017	Squamous cell carcinoma DNA detection using ultrabright SERS nanorattles and magnetic beads for head and neck cancer molecular diagnostics	Analytical Methods	3	9	37	10.1039/C7AY01913K	Vohra et al.
2017	YAP1 and COX2 Coordinately Regulate Urothelial Cancer Stem-like Cells	Cancer Research	168-181	78	1	10.1158/0008-5472.CAN-17-0836	Ooki et al.
2017	Secondary Release of Exosomes from Astrocytes Contributes to the Increase in Neural Plasticity and Improvement of Functional Recovery after Stroke in Rats Treated with Exosomes Harvested from MicroRNA 133b-Overexpressing Multipotent Mesenchymal Stromal Cells	Cell Transplant	243-257	26	2	27677799	Xin et al.
2017	Epigenetic Activation of ASCT2 in the Hippocampus Contributes to Depression-Like Behavior by Regulating D-Serine in Mice	frontiers in molecular neuroscience		10	139	10.3389/fnmol.2017.0139	Wang et al.
2017	Lentiviral CRISPR/Cas9 nickase vector mediated BIRC5 editing inhibits epithelial to mesenchymal transition in ovarian cancer cells	Oncotarget	94666–94680	8	55	10.18632/oncotarget.21863	Guannan et al.

2017	Small nucleolar RNA ACA11 promotes proliferation, migration and invasion in hepatocellular carcinoma by targeting the PI3K/AKT signaling pathway	Biomedicine & Pharmacotherapy	705-712	90		10.1016/j.biopha.2017.04.014	Wu et al.
2017	c-Kit modifies the inflammatory status of smooth muscle cells	PeerJ		5		10.7717/peerj.3418	Song et al.
2017	EZH2 coupled with HOTAIR to silence MicroRNA-34a by the induction of heterochromatin formation in human pancreatic ductal adenocarcinoma	International Journal of cancer	120-129	140	1	27594424	Li et al.
2017	Characterization of a major facilitator superfamily transporter in <i>Shiraia bambusicola</i>	Research in microbiology	664-672	168	7	28549739	Deng et al.
2017	Treatment of neurodevelopmental disorders	U.S. Patent Application No. 15/480,245. Chicago					Eminy et al.
2017	Exosomes derived from hypoxia-preconditioned mesenchymal stromal cells ameliorate cognitive decline by rescuing synaptic dysfunction and regulating inflammatory responses in APP/PS1 mice	The FASEB Journal	Epub ahead of print			10.1096/fj.201700600R	Cui et al.
2017	CD55 regulates self-renewal and cisplatin resistance in endometrioid tumors	Journal of Experimental Medicine				10.1084/jem.20170438	Saygin et al.
2017	MicroRNA-218 functions as a tumor suppressor in lung cancer by targeting IL-6/STAT3 and negatively correlates with poor prognosis	Molecular Cancer	141	16	1	28830450	Yang et al.
2017	DNA Methylation of miR-7 is a Mechanism Involved in Platinum Response through <i>MAFG</i> Overexpression in Cancer Cells	Theranostics		7	17	10.7150/thno.20112	Vera et al.
2017	Regulation of calcium release from the endoplasmic reticulum by the serine hydrolase ABHD2	Biochem Biophys Res Commun.	1226-1231	490	4	10.1016/j.bbrc.2017.06.195	Yun et al.
2017	IL-6 Mediates Macrophage Infiltration after Irradiation via Up-regulation of CCL2/CCL5 in Non-small Cell Lung Cancer	Radiation Research	50-59	187	1	10.1667/RR14503.1	Wang et al.
2017	Inhibition of IL - 6 -JAK/Stat 3 signaling in castration -resistant prostate cancer cells enhances the NK cell mediated cytotoxicity via alteration of PD -L1/NKG2D ligand levels	Molecular Oncology				10.1002/1878-0261.12135	Xu et al.
2017	Radiation alters PD-L1/NKG2D ligand levels in lung cancer cells and leads to immune escape from NK cell cytotoxicity via IL-6-MEK/Erk signaling pathway	Oncotarget	80506-80520	8	46	10.18632/oncotarget.19193	Shen et al.
2017	The combination of miR-122 overexpression and Let-7f silencing induces hepatic differentiation of adipose tissue-derived stem cells	Cell Biology International	1083-1092	10	41	28792091	Davoodian et al.
2017	Absence of miR-146a in Podocytes Increases Risk of Diabetic Glomerulopathy via Up-regulation of ErbB4 and Notch-1	Journal of Biological Chemistry	732-747	292		10.1074/jbc.M116.753822	Lee et al.
2017	Myosin-1E interacts with FAK proline-rich region 1 to induce fibronectin-type matrix	Proceedings of the National Academy of Sciences	3933-3938	114	15	10.1073/pnas.1614894114	Heim et al.
2017	Eph-B4 regulates adaptive venous remodeling to improve arteriovenous fistula patency	Sci Rep	15386	7	1	29133876	Protack et al.
2017	Selective expression of the transcription elongation factor ELL3 in B cells prior to ELL2 drives proliferation and survival	Molecular Immunology	8-16	91		10.1016/j.molimm.2017.08.016	Lou-Ella et al.
2017	Epilepsy-associated gene Nedd4-2 mediates neuronal activity and seizure susceptibility through AMPA receptors	Plos one Genetics	-	-	-	https://doi.org/10.1371/journal.pgen.1006634	Zhu et al
2017	Fascaplysin Exerts Anti-Cancer Effects through the Downregulation of Survivin and HIF-1a and Inhibition of VEGFR2 and TRKA	International Journal of Molecular Sciences		18	10	10.3390/ijms18102074	Oh et al.
2017	Reactivity to Novel Autoantigens in Patients with Coexisting Central Nervous System Demyelinating Disease and Autoimmune Thyroid Disease	Frontiers in Immunology	1-13	8	514	10.3389/fimmu.2017.00514	Greer et al.
2017	Glioblastoma Cancer Stem Cells Evade Innate Immune Suppression of Self-Renewal through Reduced TLR4 Expression	Cell Stem Cell	450-461	20	4	10.1016/j.stem.2016.12.001	Alvarado et al.
2017	Efficient Expansion of SALL4–Transduced Umbilical Cord Blood Derived CD133+Hematopoietic Stem Cells	Acta Medica Iranica	290-296	55	5	1735-9694	Mossahebi-Mohammadi et al.

2017	Glucose enhances rotavirus enterotoxin-induced intestinal chloride secretion	Pflugers Archiv - European Journal of Physiology	1093-1105	469	9	10.1007/s00424-017-1987-x	Yin et al.
2017	Recurrent rhinovirus infections in a child with inherited MDA5 deficiency						Lamborn et al.
2017	miR-155 effectively induces apoptosis in K562 Philadelphia positive cell line through upregulation of p27kip1	BioImpacts	109-114	7	2	10.15171/bi.2017.14	Fathabad et al.
2017	MYC-dependent downregulation of telomerase by FLT3 inhibitors is required for their therapeutic efficacy on acute myeloid leukemia	Annals of Hematology	1 to 10			10.1007/s00277-017-3158-8	Zhang et al.
2017	Long noncoding RNA MALAT1 inhibits apoptosis induced by oxygen-glucose deprivation and reoxygenation in human brain microvascular endothelial cells	Experimental and therapeutic medicine	1225-1234	13	4	28413461	Xin JW, Jiang YG.
2017	Transcriptional and posttranscriptional regulation of HOXA13 by lncRNA HOTTIP facilitates tumorigenesis and metastasis in esophageal squamous carcinoma cells	Oncogene	5392–5406	36		10.1038/onc.2017.133	Lin et al.
2017	Bile acid and cigarette smoke enhance the aggressive phenotype of esophageal adenocarcinoma cells by downregulation of the mitochondrial uncoupling protein-2	Oncotarget	101057–101071.	8	60	10.18632/oncotarget.22380	Xu et al.
2017	Calcium Sensor, NCS-1, Promotes Tumor Aggressiveness and Predicts Patient Survival	Molecular Cancer Research	942-952	15	7	10.1158/1541-7786.MCR-16-0408	Moore et al.
2017	A new chemical complex can rapidly concentrate lentivirus and significantly enhance gene transduction	Cytotechnology	1-9			10.1007/s10616-017-0133-0	Lee et al.
2017	Age-Related Upregulation of Carboxyl Terminal Modulator Protein Contributes to the Decreased Brain Ischemic Tolerance in Older Rats	Molecular Neurobiology	Epub ahead of print			10.1007/s12035-017-0826-6	Li, J., Shan, W., Zuo, Z.
2017	Alternative NHEJ pathway proteins as components of MYCN oncogenic activity in human neural crest stem cell differentiation: implications for neuroblastoma initiation	Cell Death & Disease	1-17	8	3208	10.1038/s41419-017-0004-9	Newman et al.
2017	Attenuation of RNA polymerase II pausing mitigates BRCA1-associated R-loop accumulation and tumorigenesis	Nature Communications	1-11	8		10.1038/ncomms15908	Zhang et al.
2017	Comparison of Zinc Finger Nucleases Versus CRISPR-Specific Nucleases for Genome Editing of the Wiskott-Aldrich Syndrome Locus	Human gene therapy				10.1089/hum.2017.047	Gutierrez-Guerrero et al.
2017	ER stress and distinct outputs of the IRE1a Rnase control proliferation and senescence in response to oncogenic Ras	Proceedings of the National Academy of Sciences	9900-9905	114	37	10.1073/pnas.1701757114	Blazanin et al.
2017	Lentiviral Delivery of miR-133b Improves Functional Recovery After Spinal Cord Injury in Mice	Molecular Neurobiology	4659–4671	54	6	10.1007/s12035-016-0007-z	Theis et al.
2017	Dense array of spikes on HIV-1 virion particles	Journal of Virology	415	91		10.1128/JVI.00415-17	Stano et al.
2017	Epigenetic regulation of HDAC1 SUMOylation as an endogenous neuroprotection against A β toxicity in a mouse model of Alzheimer's disease	Cell Death & Differentiation	597-614	24	4	10.1038/cdd.2016.161	Tao et al.
2017	RXFP1 expression is regulated by miR-144-3p in Fibroblasts from Patients with Idiopathic Pulmonary Fibrosis	Preprint	na	na	na	10.1101/159459	Bahudhanapati et al.
2017	4 n butylresorcinol enhances proteolytic degradation of tyrosinase in B16F10 melanoma cells	International journal of cosmetic science	248-255	39	3	10.1111/ics.12368	Lee et al.
2017	Expression of pathogenesis-related genes in cotton roots in response to Verticillium dahliae PAMP molecules	Science China Life Sciences	852-860	60	8	https://doi.org/10.1007/s11427-017-9071-9	Du et al.
2017	The Verticillium-specific protein VdSCP7 localizes to the plant nucleus and modulates immunity to fungal infections	New Phytologist	368-381	215	1	10.1111/nph.14537	Zhang et al.
2017	Emerin suppresses Notch signaling by restricting the Notch intracellular domain to the nuclear membrane	Biochimica et Biophysica Acta (BBA) - Molecular Cell Research	303-313	1864	2	10.1016/j.bbamcr.2016.11.013	Lee et al.
2017	Antioxidant and anti-inflammatory properties of chicken egg vitelline membrane hydrolysates	Poultry Science	3510–3516	96	9	10.3382/ps/pex125	Lee et al.
2017	Arabidopsis ALA1 and ALA2 Mediate RNAi-Based Antiviral Immunity	Frontiers in Plant Science	422	8		10.3389/fpls.2017.00422	Zhu et al.
2017	Assessment of promoters and a selectable marker for development of strawberry intragenic vectors	Plant Cell Tissue Organ Culture	259-271	128	2	10.1007/s11240-016-1105-3	Carvalho et al.

2017	Differential regulation of spermatogenic process by Lkb1isoforms in mouse testis	Cell Death & Disease	1-12	8	e31217	10.1038/cddis.2017.52	Kong et al.
2017	Disentangling sources of variation in SSU rDNA sequences from single cell analyses of ciliates: impact of copy number variation and experimental error	Proceedings of the Royal Society B	2E+07	284	1859	10.1098/rspb.2017.0425	Wang et al.
2017	Fungal Communities in Rhizosphere Soil under Conservation Tillage Shift in Response to Plant Growth	Frontiers in Microbiology				10.3389/fmicb.2017.01301	Wang et al.
2017	Osthole inhibits the expressions of collagen I and III through Smad signaling pathway after treatment with TGF- β 1 in mouse cardiac fibroblasts	International Journal of Cardiology	388-393	288		10.1016/j.ijcard.2016.11.202	Liu et al.
2017	Silencing of rice stripe virus in Laodelphax striatellus using virus-derived double-stranded RNAs	Journal of Asia-Pacific Entomology	695-698	20	2	10.1016/j.aspen.2017.04.009	An et al.
2017	Zbed3 participates in the subcortical maternal complex and regulates the distribution of organelles	Journal of Molecular Cell Biology	1-17	na	na	10.1093/jmcb/mjx035	Gao et al.
2017	Ghrelin, Ghrelin O-Acyltransferase, and Carbohydrate Metabolism During Pregnancy in Calorie-Restricted Mice	Hormone and Metabolic Research	64-72	49	1	10.1055/s-0042-116117	Trivedi et al.
2017	Altered miRNA expression network in locus coeruleus of depressed suicide subjects	Scientific Reports		7	4387	10.1038/s41598-017-04300-9	Roy et al.
2017	Anti-Inflammatory and Antioxidant Properties of Casein Hydrolysate Produced Using High Hydrostatic Pressure Combined with Proteolytic Enzymes	Molecules	609	22	4	10.3390/molecules22040609	Bamdad et al.
2017	Comparative analysis of ginsenosides in human glucocorticoid receptor binding, transactivation, and transrepression	European Journal of Pharmacology	501-511	815		10.1016/j.ejphar.2017.10.019	Hu et al.
2017	Concurrent treatment with simvastatin and NF- κ B inhibitor in human castration-resistant prostate cancer cells exerts synergistic anti-cancer effects via control of the NF- κ B/LIN28/let-7 miRNA signaling pathway	Plos One				10.1371/journal.pone.0184644	Kang et al.
2017	Co-occurrence of mixed proteinopathies in late-stage Huntington's disease	Acta Neuropathologica	1-17			10.1007/s00401-017-1786-7	St-Amour et al.
2017	Dexmedetomidine Protects Cardiomyocytes against Hypoxia/Reoxygenation Injury by Suppressing TLR4-MyD88-NF- κ B Signaling	BioMed Research International	13	2017		10.1155/2017/1674613	Gao et al.
2017	Differential expression profiles and pathways of genes in drought resistant tree species Prunus mahaleb roots and leaves in response to drought stress	Scientia Horticulturae	75-84	226	19	10.1016/j.scienta.2017.07.057	Feng et al.
2017	Differential soil microbial community responses to the linkage of soil organic carbon fractions with respiration across land-use changes	Forest Ecology and Management	170-178	409		10.1016/j.foreco.2017.11.011	Ren et al.
2017	Effect of low-energy shockwave therapy on angiogenic factors in the penile tissue of diabetic rats	Turkish Journal of Urology	130-134	43	2	10.5152/tud.2017.35002	Ortaç et al.
2017	Geniposide attenuates ANIT-induced cholestasis through regulation of transporters and enzymes involved in bile acids homeostasis in rats	Journal of Ethnopharmacology	178-185	196		10.1016/j.jep.2016.12.022	Wang et al.
2017	High accumulation of anthocyanins via the ectopic expression of AtDFR confers significant salt stress tolerance in Brassica napus L.	Plant Cell Reports	1215-1224	36	8	10.1007/s00299-017-2147-7	Kim et al.
2017	Identification and functional characterization of APRR2 controlling green immature fruit color in cucumber (Cucumis sativus L.)	Plant Growth Regulation	233-243	83	2	10.1007/s10725-017-0304-1	Jiao et al.
2017	Identification of a methyltransferase catalyzing the final step of methyl anthranilate synthesis in cultivated strawberry	BMC Plant Biology		17	174	10.1186/s12870-017-1088-1	Pillet et al.
2017	Identification of microRNAs in Response to Drought in Common Wild Rice (Oryza rufipogon Griff.) Shoots and Roots	PloS one	1-018	12	1	10.1371/journal.pone.0170330	Zhang et al.
2017	Impaired anti-fibrotic effect of bone marrow-derived mesenchymal stem cell in a mouse model of pulmonary paracoccidioidomycosis	Plos One				10.1371/journal.pntd.0006006	Arango et al.
2017	Proteasome Inhibitor YSY01A Abrogates Constitutive STAT3 Signaling via Down-regulation of Gp130 and JAK2 in Human A549 Lung Cancer Cells	Frontiers in Pharmacology				10.3389/fphar.2017.00476	Huang et al.
2017	RNA interference of E75 nuclear receptor gene suppresses transmission of rice stripe virus in Laodelphax striatellus	Journal of Asia-Pacific Entomology	1140-1144	20	4	10.1016/j.aspen.2017.08.011	Fang et al.

2017	The transcriptomic responses of small brown planthopper, <i>Laodelphax striatellus</i> upon juvenile hormone agonist and antagonist treatment	Journal of Asia-Pacific Entomology	529-534	20	2	10.1016/j.aspen.2016.12.014	Fang et al.
2017	TP53INP1 Downregulation Activates a p73-Dependent DUSP10/ERK Signaling Pathway to Promote Metastasis of Hepatocellular Carcinoma	Cancer Research	4602-4612	77	17	10.1158/0008-5472.CAN-16-3456	Ng et al.
2017	Transcriptome sequencing revealed candidate genes relevant to mesenchymal stem cells' role in aortic dissection patients	Molecular Medicine Reports	273-283			10.3892/mmr.2017.7851	Yang et al.
2017	Triptolide induces Sertoli cell apoptosis in mice via ROS/JNK-dependent activation of the mitochondrial pathway and inhibition of Nrf2-mediated antioxidant response	Acta Pharmacologica Sinica				10.1038/aps.2017.95	Wang et al.
2017	TRH Action Is Impaired in Pituitaries of Male IGSF1-Deficient Mice	Endocrinology	815-830	158	4	10.1210/en.2016-1788	Turgeon et al.
2017	The lincRNA-ROR/miR-145 axis promotes invasion and metastasis in hepatocellular carcinoma via induction of epithelial-mesenchymal transition by targeting ZEB2	Scientific Reports	4637	7	1	10.1038/s41598-017-04113-w	Li et al.
2017	Mir-30d suppresses cell proliferation of colon cancer cells by inhibiting cell autophagy and promoting cell apoptosis	Tumor Biology	1-9	39	6	10.1177/1010428317703984	Zhang et al.
2017	Replication Study: BET bromodomain inhibition as a therapeutic strategy to target c-Myc	eLife				10.7554/eLife.21253	Aird et al.
2017	Replication Study: Coadministration of a tumor-penetrating peptide enhances the efficacy of cancer drugs	eLIFE	1-12	6	e17584	10.7554/eLife.17584	Mantis et al.
2017	Replication Study: Inhibition of BET recruitment to chromatin as an effective treatment for MLL-fusion leukaemia	eLIFE	e25306	6		10.7554/eLife.25306	Shan et al.
2017	Replication Study: The CD47-signal regulatory protein alpha (SIRPα) interaction is a therapeutic target for human solid tumors*					10.7554/eLife.18173	Horrigan et al.
2017	MiRNA-26a Contributes to the Acquisition of Malignant Behaviors of Docetaxel-Resistant Lung Adenocarcinoma Cells through Targeting EZH2	Cellular Physiology and Biochemistry	583-597	41		10.1159/000457879	Chen et al.
2017	Vectors and methods for the efficient generation of integration/transgene-free induced pluripotent stem cells from peripheral blood cells	U.S. Patent Application 15/261,803,					Baylink et al.
2017	Cingulate Overexpression of Mitogen-Activated Protein Kinase Phosphatase-1 as a Key Factor for Depression	Biological Psychiatry	6	82	5	10.1016/j.biopsych.2017.01.019	Barthas et al.
2017	The miR-25-93-106b cluster regulates tumor metastasis and immune evasion via modulation of CXCL12 and PD-L1	Oncotarget	21609-21625	8	13	10.18632/oncotarget.15450	Cioffi et al.
2017	Microcontact printing of polydopamine on thermally expandable hydrogels for controlled cell adhesion and delivery of geometrically defined microtissues	Acta Biomaterialia	75-87	61		https://doi.org/10.1016/j.actbio.2017.07.040	Lee et al.
2017	Molecular regulation of LHCGR expression by miR-122 during follicle growth in the rat ovary	Molecular and Cellular Endocrinology	81-89	442		10.1016/j.mce.2016.12.002	Menon et al.
2017	Novel regulatory role of neuropilin-1 in endothelial-to-mesenchymal transition and fibrosis in pancreatic ductal adenocarcinoma	Oncotarget	69489-69506	7		10.18632/oncotarget.11060	Matkar et al.
2017	MicroRNA-146a induces immune suppression and drug-resistant colorectal cancer cells	Tumor Biology		39	5	10.1177/10104283177098365	Khorrami et al.
2017	Role of integrin-linked kinase in regulating the protein stability of the MUC1-C oncoprotein in pancreatic cancer cells	Oncogenesis	e359	6	7	10.1038/oncsis.2017.61	Huang et al.
2017	Potent antitumor effect of tumor microenvironment-targeted oncolytic adenovirus against desmoplastic pancreatic cancer	International Journal of Cancer	392-413	142	2	10.1002/ijc.31060	Li et al.
2017	Mesoporous ZnO nanocapsules for the induction of enhanced antigen-specific immunological responses	Royal Society of Chemistry	14641-14653	9	-	10.1039/c7nr03697c	Afroz et al.
2017	Protective effects of taurine against renal ischemia/reperfusion injury in rats by inhibition of gelatinases, MMP-2 and MMP-9, and p38 mitogen-activated protein kinase signaling	Biotechnic & Histochemistry	1-12	n/a	n/a	10.1080/10520295.2017.1367033	Cavdar et al.
2017	Chrysin inhibited tumor glycolysis and induced apoptosis in hepatocellular carcinoma by targeting hexokinase-2	Journal of Experimental & Clinical Cancer Research		36	44	10.1186/s13046-017-0514-4	Xu et al.

2017	Licochalcone A suppresses hexokinase 2-mediated tumor glycolysis in gastric cancer via downregulation of the Akt signaling pathway	Oncology reports				10.3892/or.2017.6155	Wu et al.
2017	Molecular identification of Fusarium spp. causing wilt of chickpea and the first report of Fusarium redolens in Turkey	MEDITERRANEAN AGRICULTURAL SCIENCES	27-33	30	1		TEKEOĞLU et al.
2017	Long Non-Coding RNA Prostate Cancer-Associated Transcript 7 (PCAT7) Induces Poor Prognosis and Promotes Tumorigenesis by Inhibiting mir-134-5p in Non-Small-Cell Lung (NSCLC)	Med Sci Monit	6089-6098	23		10.12659/MSM.907904	Liu et al.
2017	LncROR Promotes Bladder Cancer Cell Proliferation, Migration, and Epithelial Mesenchymal Transition	Cellular Physiology and Biochemistry	2399-2410	41		10.1159/000475910	Chen et al.
2017	LncRNA TUG1 influences papillary thyroid cancer cell proliferation, migration and EMT formation through targeting miR-145	Acta Biochimica et Biophysica Sinica	588-597	49	7	10.1093/abbs/gmx047	Lei et al.
2017	MiR-130a regulates the proliferation and metastasis of HCC cells through targeting ZEB1/2	Int J Clin Exp Pathol	2744-2753	10	3	ISSN:1936-2625/IJCEP0046135	Wang et al.
2017	Transcriptional repression of Plxnc1 by Lmx1a and Lmx1b directs topographic dopaminergic circuit formation	Nature Communications	1-15	8	933	10.1038/s41467-017-01042-0	Chabrat et al.
2017	Systemic depletion of serum l-Cyst(e)ine with an engineered human enzyme induces production of reactive oxygen species and suppresses tumor growth in mice	Nature Medicine	120-127	23	1	10.1038/nm.4232	Cramer et al.
2017	Screening Fungicide Resistance of Alternaria Pathogens Causing Alternaria Blight of Pistachio in Turkey	Research gate				10.29133/yyutbd.339081	Hilal Ozkilinc, şener Kurt
2017	KLF2 mediates enhanced chemoreflex sensitivity, disordered breathing and autonomic dysregulation in heart failure	The Journal of Physiology	4			10.1113/JP273805	Marcus et al.
2017	The immunoregulatory role of alpha enolase in dendritic cell function during Chlamydia infection	BMC immunology	27	18	1	10.1186/s12865-017-0212-1	Ryans et al.
2017	MiR-29b-3p promotes chondrocyte apoptosis and facilitates the occurrence and development of osteoarthritis by targeting PGRN	Journal of Cellular and Molecular Medicine	3347-3359	21	12	10.1111/jcmm.13237	Chen et al.
2017	Transcriptional and posttranscriptional regulation of HOXA13 by lncRNA HOTTIP facilitates tumorigenesis and metastasis in esophageal squamous carcinoma cells	Oncogene	5392-5406	36	38	10.1038/onc.2017.133	Lin et al.
2017	The antiangiogenic role of the pro-inflammatory cytokine interleukin-31	Oncotarget	16430-16444	8	10	10.18632/oncotarget.14857	Davidi et al.
2017	Photoreceptor protection via blockade of BET epigenetic readers in a murine model of inherited retinal degeneration	Journal of NeuroInflammation		14	14	10.1186/s12974-016-0775-4	Zhao et al.
2017	NOX1 and NOX4 are required for the differentiation of mouse F9 cells into extraembryonic endoderm	Plos one				10.1371/journal.pone.0170812	Dickson et al.
2017	Role of keratin 24 in human epidermal keratinocytes	PloS one.		12	3	28362807	Min et al.
2017	The chemokine scavenging receptor D6/ACKR2 is a target of miR-146a in thyroid cancer	Genes & cancer	577	8	5-6	10.18632/genesandcancer.141	Pacifico et al.
2017	DHCR24 exerts neuroprotection upon inflammation-induced neuronal death	J Neuroinflammation	215	14	N/A	29115990	Martiskainen et al.
2017	A Phosphoproteomic Screen Identifies a Guanine Nucleotide Exchange Factor for Rab3A Protein as a Mitogen-activated Protein (MAP) Kinase Phosphatase-5-regulated MAP Kinase Target in Interleukin 6 (IL-6) Secretion and Myogenesis	The Journal of biological chemistry	3581-3590	292	9	28096466	Lee et al.
2017	Long intergenic noncoding RNA p21 mediates oxidized LDL - induced apoptosis and expression of LOX -1 in human coronary artery endothelial cells	Molecular medicine report	8513-8519	16	6	10.3892/mmr.2017.7623	Zhou et al.
2017	Development of a targeted cardiomyocyte delivery system utilizing cardiosphere-derived cell exosomes	State University of New York Dissertation					Mentkowski, K
2017	Frizzled-5: a high affinity receptor for secreted frizzled-related protein-2 activation of nuclear factor of activated T-cells c3 signaling to promote angiogenesis	Angiogenesis	615-628	20	4	10.1007/s10456-017-9574-5	Peterson et al.
2017	Mitochondrial function requires NGLY1	Mitochondrion	30144-30147	7249	17	28750948	Davoodian et al.

2017	Long noncoding RNA ROR regulates chemoresistance in docetaxel-resistant lung adenocarcinoma cells via epithelial mesenchymal transition pathway	Oncotarget	33144-33158	8	20	10.18632/oncotarget.16562	Pan et al.
2017	Radiation alters PD-L1/NKG2D ligand levels in lung cancer cells and leads to immune escape from NK cell cytotoxicity via IL-6-MEK/Erk signaling pathway	Oncotarget	80506-80520.	8	46	10.18632/oncotarget.19193	Shen et al.
2017	Cytoglobin: a potential marker for adipogenic differentiation in preadipocytes in vitro	Cytotechnology	157-165	69	1	10.1007/s10616-016-0047-2	Dogan et al.
2017	Differential Expression of EGFR, MAP2K4 and E2F3 Genes as Targets of miR141 and Its Association with Immune System Pathway	Journal of Cell and Molecular Research	43266	9	1	10.22067/jcmr.v9i1.58965	Shokrollahzade et al.
2017	Tumor suppressive function of microRNA-192 in acute lymphoblastic leukemia	Bosnian Journal of Basic Medical Sciences	248-254	17	3	10.17305/bjbms.2017.1921	Sayadi et al.
2017	Recurrent rhinovirus infections in a child with inherited MDA5 deficiency	The Journal of experimental medicine	1949-1972	214	7	10.1084/jem.20161759	Lamborn et al.
2017	Targeting insulin receptor in breast cancer using small engineered protein scaffolds	Molecular cancer Therapeutics	1324-1334	16	7	28468775	Chan et al.
2017	Bioinformatics prediction and experimental validation of microRNA-20a targeting Cyclin D1 in hepatocellular carcinoma	Tumor Biology	1-7	39	4	10.1177/1010428317698361	Karimkhanloo et al.
2017	Smad4 SUMOylation is essential for memory formation through upregulation of the skeletal myopathy gene TPM2	BMC Biology	112	15	1	10.1186/s12915-017-0452-9	Hsu et al.
2017	An innovative strategy to clone positive modifier genes of defects caused by mtDNA mutations: MRPS18C as suppressor gene of m.3946G>A mutation in MT-ND1 gene	Human genetics	887	136	7	10.1007/s00439-017-1812-9	Rodríguez-García et al.
2017	Establishment and Characterization of an SV40 Large T Antigen-Transduced Porcine Colonic Epithelial Cell Line	Cells Tissues Organs	269	203	5	10.1159/000453394	Kaiser et al.
2017	Development of antibodies and characterisation of the humoral immune responses in a surrogate animal model for hepatitis c virus (HCV)	Thesis of Univeristy of London				https://qmro.qmul.ac.uk/xmlui/bitstream/handle/123456789/25978/St_Clair_Pearce_E_PhD_final_210817.pdf?sequence=1	Pearce, Emma St Clair
2017	Melatonin impedes Tet1 -dependent mGluR5 promoter demethylation to relieve pain	Journal of Pineal Research		63	4	10.1111/jpi.12436	Hsieh et al.
2017	Overexpression of SIRT2 Alleviates Neuropathic Pain and Neuroinflammation Through Deacetylation of Transcription Factor Nuclear Factor-Kappa B	inflammation	1 -10			10.1007/s10753-017-0713-3	Zhang et al.
2017	Diallyl Trisulfide Inhibits Breast Cancer Stem Cells via Suppression of Wnt/ β catenin Pathway	Journal of Cellular Biochemistry	n/a	n/a	n/a	10.1002/jcb.26613/epdf	Li et al
2017	An Embryonic Stem Cell-Specific NuRD Complex Functions through Interaction with WDR5	Stem Cell Reports	1488-1496	8	6	10.1016/j.stemcr.2017.04.020	Ee et al.
2017	Enhancing the antiviral potency of ER α -glucosidase inhibitor IHVR-19029 against hemorrhagic fever viruses in vitro and in vivo	Antiviral Res	112-122	150	N/A	29253498	Ma et al
2017	How do regulated thin filaments with hypertrophic cardiomyopathy-linked α -cardiac actin affect actomyosin interactions?	Thesis of the University of Guelph				https://atrium.lib.uoguelph.ca/xmlui/bitstream/handle/10214/10224/Liu_Haidun_201701_Msc.pdf?sequence=1&isAllowed=y	Haidun Liu
2017	Acetylation of aromatic cysteine conjugates by recombinant human N-acetyltransferase 8	General Xenobiochemistry	202-207	47	3	10.1080/00498254.2016.1178410	Deol et al.
2017	Downregulation of NPM expression by Her-2 reduces resistance of gastric cancer to oxaliplatin	Oncology Letters	2377-2384	13	4	10.3892/ol.2017.5722	Sun et al.
2017	RET signaling in prostate cancer	Clinical cancer research: an official journal of the American Association for Cancer Research	4885-4896	23	16	28490466	Ban et al.

2017	SNORA21 – An Oncogenic Small Nucleolar RNA, with a Prognostic Biomarker Potential in Human Colorectal Cancer	EBioMedicine	68-77	22		10.1016/j.ebiom.2017.07.009	Yoshida et al.
2017	The Prevalence of Y Chromosome Microdeletions in Iranian Infertile Men with Azoospermia and Severe Oligospermia	Cell Journal	27-33	19	1	10.22074/cellj.2016.4863	Asadi F et al.
2017	Inhibition of Aurora Kinase A Induces Necroptosis in Pancreatic Carcinoma	Gastroenterology	1429-1443	153	5	10.1053/j.gastro.2017.07.036	Xie et al.
2017	Stimulation of oral fibroblast chemokine receptors identifies CCR3 and CCR4 as potential wound healing targets	Journal of Cellular Physiology.	n/a	232	11	10.1002/jcp.25946	Buskermolen et al.
2017	Improvement of Human-Oral-Epithelial-Barrier Function and of Tight Junctions by Micronutrients	Journal of Agricultural and Food Chemistry	10950-10958	65	50	10.1021/acs.jafc.7b04203	Rybakovskiy et al.
2017	Cell Spheroids with Enhanced Aggressiveness to Mimic Human Liver Cancer In Vitro and In Vivo	Scientific Reports	10499	7	1	10.1038/s41598-017-10828-7	Jung et al.
2017	Elasticity-based development of functionally enhanced multicellular 3D liver encapsulated in hybrid hydrogel	Acta Biomaterialia	67-79	64		10.1016/j.actbio.2017.09.041	Ho-JoonLee et al
2017	Assessing multiparametric drug response in tissue engineered tumor microenvironment models	Methods	30151-2			10.1016/j.ymeth.2017.12.010	Harris et al.
2017	The effect of Benzothiazolone-2 on the expression of Metallothionein-3 in modulating Alzheimer's disease	Brain and behavior	e00799	7	9	10.1002/brb3.799	Sudeep Roy et al
2017	Characterizing the mode of action of extracellular Connexin43 channel blocking mimetic peptides in an in vitro ischemia injury model	Biochimica et Biophysica Acta (BBA) - General Subjects	68-78	1861	2	10.1016/j.bbagen.2016	Kim et al.
2017	Renieramycin M Attenuates Cancer Stem Cell-like Phenotypes in H460 Lung Cancer Cells	Anticancer Research	615-621	37	2	http://ar.iiajournals.org/content/37/2/615.short	Sirimangkakitti et al.
2017	Titanium biomaterials with complex surfaces induced aberrant peripheral circadian rhythms in bone marrow mesenchymal stromal cells	Plos One	e0183359	12	8	10.1371/journal.pone.0183359	Hassan et al.
2017	Angiopoietin-like 4 Mediates Colonic Inflammation by Regulating Chemokine Transcript Stability via Tristetraprolin	Scientific Reports	44351	7	-	10.1038/srep44351	Phua et al.
2017	4-Acetylanthroquinol B suppresses autophagic flux and improves cisplatin sensitivity in highly aggressive epithelial cancer through the PI3K/Akt/mTOR/p70S6K signaling pathway	Toxicology and Applied Pharmacology	48-60	325		28408137	Liu et al.
2017	CDK6 protects epithelial ovarian cancer from platinum induced death via FOXO3 regulation	EMBO Molecular Medicine	1415-1433	9	10	10.15252/emmm.201607012	Dall'Acqua et al.
2017	Hormone receptor expression profile of low-grade serous ovarian cancers	Gynecologic Oncology	352-360	145	2	10.1016/j.ygyno.2017.02.029	Buttarelli et al.
2017	Isochondrodendrine and 2'-norcocculine: additional alkaloids from Triclisia subcordata induce cytotoxicity and apoptosis in ovarian cancer cell lines	RSC Advances	44154		70	10.1039/C7RA08032H	Uche et al.
2017	CTLA-4-mediated posttranslational modifications direct cytotoxic T-lymphocyte differentiation	Cell Death and Differentiation	1739-1749	24	10	10.1038/cdd.2017.102	Lingel et al.
2017	Cigarette smoke extracts induce overexpression of the proto-oncogenic gene interleukin-13 receptor $\alpha 2$ through activation of the PKA-CREB signaling pathway to trigger malignant transformation of lung vascular endothelial cells and angiogenesis	Cellular Signalling	15-25	31		10.1016/j.cellsig.2016.12.006	Meng et al.
2017	Bioactive peptides with radical scavenging and cancer cell cytotoxic activities derived from Flathead (Platycephalus fuscus) by-products	European Food Research and Technology	627-637	243	4	https://doi-org.proxy.lib.sfu.ca/10.1007/s00217-016-2776-z	Nurdiani, et al.
2017	A potential in situ gel formulation loaded with novel fabricated poly(lactide-co-glycolide) nanoparticles for enhancing and sustaining the ophthalmic delivery of ketoconazole	International Journal of Nanomedicine	1863–1875	12		10.2147/IJN.S131850	Tarek Abdelnaby Ahmed and Bader M Aljaeid
2017	Electrochemical plasma activated aqueous chemotherapeutics	Patent					Hybertson et al.
2017	Application of Split-GFP Reassembly Assay to Study Myogenesis and Myofusion In Vitro	Skeletal Muscle Development, Methods in Molecular Biology	127-134	1668		10.1007/978-1-4939-7283-8_9	Kodaka et al.

2017	Artonin E Induces Apoptosis via Mitochondrial Dysregulation in SKOV-3 Ovarian Cancer Cells	PLOS ONE	e0151466	11	3	10.1371/journal.pone.0151466	Rahman et al.
2017	Cleavage of osmosensitive transcriptional factor NFAT5 by Coxsackieviral protease 2A promotes viral replication	PLoS pathogens	e1006744	13	12	10.1371/journal.ppat.1006744	Qiu et al.
2017	Cyclic Peptides to Improve Delivery and Exon Skipping of Antisense Oligonucleotides in a Mouse Model for Duchenne Muscular Dystrophy	Molecular Therapy				10.1016/j.ymthe.2017.10.004	Jirka et al.
2017	HDL protects against doxorubicin induced cardiotoxicity in a scavenger receptor class B type 1, PI3K, and AKT dependent manner.	American Journal of Physiology				10.1152/ajpheart.00521.2016	Durham et al.
2017	A chloroquine-induced macrophage-preconditioning strategy for improved nanodelivery	Scientific Reports		7	1	10.1038/s41598-017-14221-2	Wolfram et al.
2017	Contribution of Kupffer cells to liposome accumulation in the liver	ELSEVIER	356-362	158		10.1016/j.colsurfb.2017.07.014	Samuelsson et al.
2017	Alpha-Klotho Enrichment in Induced Pluripotent Stem Cell Secretome Contributes to Antioxidative Protection in Acute Lung Injury	Stem Cells	1-10	na	na	10.1002/stem.2752	Gazdhar et al.
2017	Chebulinic acid inhibits smooth muscle cell migration by suppressing PDGF-R β phosphorylation and inhibiting matrix metalloproteinase-2 expression	Scientific Reports		7	1	10.1038/s41598-017-12221-w	Song et al.
2017	Novel biallelic mutations in the PNPT1 gene encoding a mitochondrial-RNA-import protein PNPase cause delayed myelination	Clinical Genetics				10.1111/cge.13068	Sato et al.
2017	Peptides extracted from edible mushroom: Lentinus squarrosulus induces apoptosis in human lung cancer cells	Pharmaceutical Biology	1792-1799	55	1	10.1080/13880209.2017.1325913	Prateep et al.
2017	Identification of a Gene Encoding Slow Skeletal Muscle Troponin T as a Novel Marker for Immortalization of Retinal Pigment Epithelial Cells	Scientific Reports		7	1	10.1038/s41598-017-08014-w	Kuroda et al.
2017	The Characterization of AT1 Expression in the Dorsal Root Ganglia After Chronic Constriction Injury	Cellular and Molecular Neurobiology	545-554	37	3	10.1007/s10571-016-0396-6	Oroszova et al.
2017	Increased survivability of ischemic skin flap tissue in Flk-1+/- mice by Pellino-1 intervention	Microcirculation				10.1111/micc.12362	Rednam et al.
2017	Graphene Oxide Thin Film with Dual Function Integrated into a Nanosandwich Device for in Vivo Monitoring of Interleukin-6	ACS Appl. Mater. Interfaces	41659-41668	9	48	10.1021/acsami.7b10753	Qi et al.
2017	The opposite mechano-response of paxillin phosphorylation between subcellular and whole-cell levels is explained by a minimal model of cell-substrate adhesions	Journal of Biomechanical Science and Engineering	16-00670	12	2	10.1299/jbse.16-00670	DEGUCHI et al.
2017	Mesenchymal stem cells release exosomes that transfer miRNAs to endothelial cells and promote angiogenesis	Oncotarget	45200-45212	8		10.18632/oncotarget.16778	Gong et al.
2017	SMARCD1 regulates senescence-associated lipid accumulation in hepatocytes	npj: Aging and Mechanism of Disease		11	3	10.1038/s41514-017-0011-1	Inoue et al.
2017	Role of the endocannabinoid system in the control of mouse myometrium contractility during the menstrual cycle	Biochemical pharmacology	83-93	124		10.1016/j.bcp.2016.11.023	Pagano et al.
2017	A map of gene expression in neutrophil-1 like cell lines	Unpublished manuscript				https://doi.org/10.1101/204875	Rincón et al.
2017	Expression of the Cardiac Maintenance and Survival Factor FGF-16 Gene Is Regulated by Csx/Nkx2.5 and Is an Early Target of Doxorubicin Cardiotoxicity	DNA and Cell Biology	117-126	36	2	10.1089/dna.2016.3507	Wang et al.
2017	FASN-TGF- β 1-PD-L1 axis contributes to the development of resistance to NK cell cytotoxicity of cisplatin-resistant lung cancer cells	Biochimica et Biophysica Acta (BBA) - Molecular and Cell Biology of Lipids	313-322	1863	3	10.1016/j.bbalip.2017.12.012	Shen et al.
2017	Fluorescent immortalized human adipose derived stromal cells (hASCs-TS/GFP+) for studying cell drug delivery mediated by microvesicles			17	11	https://doi.org/10.2174/1871520617666170327113932	Cocce et al.
2017	Gene therapy for Cystic Fibrosis: Improved delivery techniques and conditioning with lysophosphatidylcholine enhance lentiviral gene transfer in mouse lung airways	Experimental Lung Research	426-433	43	9, 10	10.1080/01902148.2017.1395931	Cmielewski et al.
2017	HOXA3 promotes tumor growth of human colon cancer through activating EGFR/Ras/Raf/MEK/ERK signaling pathway	Journal of Cellular Biochemistry	Epub ahead of print			10.1002/jcb.26461	Zhang et al.

2017	KAT-Independent Gene Regulation by Tip60 Promotes ESC Self-Renewal but Not Pluripotency	Cell Reports	671-679	19	4	10.1016/j.celrep.2017.04.001	Acharya D et al
2017	Let-7a-transfected mesenchymal stem cells ameliorate monocrotaline-induced pulmonary hypertension by suppressing pulmonary artery smooth muscle cell growth through STAT3-BMP2 signaling	Stem Cell Research & Therapy	Null	8	34	https://doi.org/10.1186/s13287-017-0480-y	Cheng et al
2017	MicroRNA-532 and microRNA-3064 inhibit cell proliferation and invasion by acting as direct regulators of human telomerase reverse transcriptase in ovarian cancer	Plos One	e0173912	12	3	10.1371/journal.pone.0173912	Bai L et al
2017	Pharmaceutical compositions comprising DENND1A variant 2 and methods of use thereof	US Patent Application				US9676844B2	McCallister et al
2017	Renin-angiotensin system regulates pulmonary arterial smooth muscle cell migration in chronic thromboembolic pulmonary hypertension	American Journal of Physiology-Lung Cellular and Molecular Physiology				10.1152/ajplung.00515.2016	Zhang et al
2017	Ultrafine Particle Exposure Reveals the Importance of FOXO1/Notch Activation Complex for Vascular Regeneration	Antioxidants & Redox Signaling	Epub ahead of print			10.1089/ars.2017.7166	In et al.
2017	Purification, characterization and gene analysis of a new α -glucosidase from shiraia sp. SUPER-H168	Annals of Microbiology	65-77	67	1	10.1007/s13213-016-1238-y	Gao, R; et al
2016	Power of different microsatellite panels for paternity analysis in sheep	Animal Science Papers and Reports	155-164	34	2		Onur Yilmaz
2016	ERK-mediated NF- κ B activation through ASIC1 in response to acidosis	Oncogenesis		5	12	10.1038/oncsis.2016.81	Chen et al
2016	The N-Terminal UND Motif of the Arabidopsis U-Box E3 Ligase PUB18 Is Critical for the Negative Regulation of ABA-Mediated Stomatal Movement and Determines Its Ubiquitination Specificity for Exocyst Subunit Exo70B1	The Plant Cell	2952-2973	28	12	10.1105/tpc.16.00347	Seo et al.
2016	MiR-143-3p functions as a tumor suppressor by regulating cell proliferation, invasion and epithelial–mesenchymal transition by targeting QKI-5 in esophageal squamous cell carcinoma	Molecular Cancer	51-51	15	1	10.1186/s12943-016-0533-3	He et al.
2016	Smad2 overexpression enhances adhesion of gingival epithelial cells	Archives of Oral Biology		71		10.1016/j.archoralbio.2016.06.025	Hongo et al.
2016	Exome sequencing for understanding phenotypic variability in subjects with 16p11.2 CNV	UBC Theses and Dissertations					Dastan et al
2016	Thyroid Transcription Factor 1 Reprograms Angiogenic Activities of Secretome	Scientific Reports		6		10.1038/srep19857	Wood et al
2016	Primate-specific miR-603 is implicated in the risk and pathogenesis of Alzheimer's disease	Aging (Albany NY)	272-290	8	2	10.18632/aging.100887	Zhang et al
2016	A large-scale RNAi screen identifies LCMR1 as a critical regulator of Tspan8-mediated melanoma invasion	Oncogene	446-457	36	4	10.1038/onc.2016.219	Agaësse et al.
2016	Association of Putative Fungal Effectors in Fusarium oxysporum with Wilt Symptoms in Soybean	APS Journals	762-773	106	7	10.1094/PHYTO-11-15-0293-R	Margaret et al
2016	Sexual dimorphism in myocardial acylcarnitine and triglyceride metabolism	Biology of Sex Differences		7	1	10.1186/s13293-016-0077-7	Devanathan, et al
2016	A Homolog Pentameric Complex Dictates Viral Epithelial Tropism, Pathogenicity and Congenital Infection Rate in Guinea Pig Cytomegalovirus	PLoS Pathog	e1005755	12	7	10.1371/journal.ppat.1005755	Coleman S et al.
2016	A microRNA-152 that targets the phosphatase and tensin homolog to inhibit low oxygen induced apoptosis in human brain microvascular endothelial cells	Genetics and Molecular Research		15	2	10.4238/gmr.15027371	Cao et al.
2016	A novel comparative pattern analysis approach identifies chronic alcohol mediated dysregulation of transcriptomic dynamics during liver regeneration	BMC genomics	1	17	1	10.1186/s12864-016-2492-x	Lakshmi, K; et al
2016	Acetylation of aromatic cysteine conjugates by recombinant human N-acetyltransferase 8	Xenobiotica	1-6			10.1080/00498254.2016.1178410	Deol, R; et al
2016	Adipose-Derived Stem Cells Induce Angiogenesis via Microvesicle Transport of miRNA-31	Stem Cells Translational Medicine	440-450	5	4	10.5966/sctm.2015-0177	Kang, Ting et al
2016	Adjuvant effect of docetaxel on HPV16 L2E6E7 fusion protein vaccine in a mouse model	International immunopharmacology	16-25	38		10.1016/j.intimp.2016.05.005	Su, X; et al

2016	AIMP1 downregulation restores chondrogenic characteristics of dedifferentiated/degenerated chondrocytes by enhancing TGF- β signal	Cell Death & Disease		7		10.1038/cddis.2016.17	Ahn, J; et al
2016	Alleviation of collagen-induced arthritis by the benzoxathiole derivative BOT-4-one in mice: Implication of the Th1-and Th17-cell-mediated immune responses	Biochemical pharmacology	45-57	110		10.1016/j.bcp.2016.03.018	Kim, B.H; et al
2016	Alternative splicing of DENND1A, a PCOS candidate gene, generates variant 2	Molecular and cellular endocrinology	25-35	434	N/A	10.1016/j.mce.2016.06.011	Meng Kian Tee
2016	An alternative splicing program promotes adipose tissue thermogenesis	Elife	N/A	5	N/A	10.7554/eLife.17672	Santiago Ver nia et al.
2016	An efficient polyethylene glycol-mediated transformation system of lentiviral vector in <i>Shiraia bambusicola</i>	Process Biochemistry	1357-1362	51	10	10.1016/j.procbio.2016.07.013	Deng, H; et al
2016	Antigen distribution of TMUV and GPV are coincident with the expression profiles of CD8 α -positive cells and goose IFN γ	Scientific reports	25545	6		10.1038/srep25545	Zhou, H; et al
2016	Artonin E Induces Apoptosis via Mitochondrial Dysregulation in SKOV-3 Ovarian Cancer Cells	PLoS ONE		11	3	10.1371/journal.pone.0151466	Rahman, Mashitoh Abd et al.
2016	Assessment of promoters and a selectable marker for development of strawberry intragenic vectors	Plant Cell, Tissue and Organ Culture	1-13			10.1007/s11240-016-1105-3	Carvalho, R; et al
2016	Augmented expression of gamma-glutamyl transferase 5 (GGT5) impairs testicular steroidogenesis by deregulating local oxidative stress	Cell and Tissue Research	467-481	366	2	10.1007/s00441-016-2458-y	Li, W. Et al
2016	Bitter apricot essential oil induces apoptosis of human HaCaT keratinocytes	International immunopharmacology	189-198	34		10.1016/j.intimp.2016.02.019	Li, L; et al
2016	Cabazitaxel overcomes cisplatin resistance in germ cell tumour cells	Journal of Cancer Research and Clinical Oncology	1979-1994	142	9	10.1007/s00432-016-2204-6 27424191	Gerwing, M; et al
2016	Cardiomyocyte Antihypertrophic Effect of Adipose Tissue Conditioned Medium from Rats and Its Abrogation by Obesity is Mediated by the Leptin to Adiponectin Ratio	PloS one	e0145992	11	1	10.1371/journal.pone.0145992	Bairwa, S.C; et al
2016	CD24 Expression May Play a Role as a Predictive Indicator and a Modulator of Cisplatin Treatment Response in Head and Neck Squamous Cellular Carcinoma	PLOS One		11	6	10.1371/journal.pone.0156651	Modur, Vishnu et al
2016	CDKN2A-independent role of BMI1 in promoting growth and survival of Ph+ acute lymphoblastic leukemia	Leukemia	1682	2016	30	10.1038/leu.2016.70	Mariani et al.
2016	Characterization of the crosslinking kinetics of multi-arm poly(ethylene glycol) hydrogels formed via Michael-type addition	Soft Matter	2076	12	7	10.1039/c5sm02668g	Kim et al.
2016	Characterization of Two-Pore Channel 2 by Nuclear Membrane Electrophysiology	Scientific reports		6		10.1038/srep20282	Lee, C; et al
2016	Characterizing primary human microglia: A comparative study with myeloid subsets and culture models.	Glia		64	11	10.1002/glia.23023	Melief et al.
2016	Circulating Fibroblast Growth Factor-2, HIV-Tat, and Vascular Endothelial Cell Growth Factor-A in HIV-Infected Children with Renal Disease Activate Rho-A and Src in Cultured Renal Endothelial Cells	PLoS ONE	e0153837	11	4	10.1371/journal.pone.0153837	Das JR et al.
2016	Cisplatin treatment increases stemness through upregulation of hypoxia-inducible factors by interleukin-6 in non-small cell lung cancer	Cancer Science	746	107	6	10.1111/cas.12937	Zhang et al.
2016	Colletotrichum gloeosporioides sensu stricto Is a Pathogen of Leaf Anthracnose on Evergreen Spindle Tree (<i>Euonymus japonicus</i>)	Plant Disease	672-678	100	4	10.1094/PDIS-07-15-0740-RE	Huang, L; et al
2016	Comparison of the functional characterization between alkane monooxygenases for low-molecular-weight polyethylene biodegradation	International Biodeterioration & Biodegradation	202-208	114		10.1016/j.ibiod.2016.06.012	Jeon, H.J; et al
2016	Conservation tillage increases soil bacterial diversity in the dryland of northern China	Agronomy for Sustainable Development	1-9	36	28	10.1007/s13593-016-0366-x	Wang, Z; et al
2016	Coordination of self-renewal in glioblastoma by integration of adhesion and microRNA signaling	Neuro-Oncology	656	18	5	10.1093/neuonc/nov196	Alvarado et al.
2016	Critical Role of Cx40 in Reduced Endothelial Electrical Coupling by Lipopolysaccharide and Hypoxia-Reoxygenation	J Vasc Res	396-403	52	6	10.1159/000445772	Siddiqui M et al.
2016	Cucumber Necrosis Virus Recruits Cellular Heat Shock Protein 70 Homologs at Several Stages of Infection	Journal of virology	3302-3317	7	90	10.1128/JVI.02833-15	Alam, SB; Rochon D.

2016	Cyclin G2 inhibits epithelial-to-mesenchymal transition by disrupting Wnt/ β -catenin signaling	Oncogene	4816–4827	35		10.1038/onc.2016.15	Bernaudo, S; et al
2016	CYP3A5 mediates basal and acquired therapy resistance in different subtypes of pancreatic ductal adenocarcinoma	Nature Medicine	278-287	22		10.1038/nm.4038	Noll, E.M., et al.
2016	Decreased expression of p27 is associated with malignant transformation and extrathyroidal extension in papillary thyroid carcinoma	Tumour Biology	3359	37	3	10.1007/s13277-015-4163-y	Do et al.
2016	Decreased Plasma A β in Hyperlipidemic APPSL Transgenic Mice Is Associated with BBB Dysfunction	Frontiers in Neuroscience		232	10	10.3389/fnins.2016.00232	Löffler, T; et al
2016	Defect of mitochondrial respiratory chain is a mechanism of ROS overproduction in a rat model of alcoholic liver disease: role of zinc deficiency	American Journal of Physiology - Gastrointestinal and Liver Physiology	G205-G214	210	3	10.1152/ajpgi.00270.2015	Sun, Q.
2016	Differential MicroRNA Expression Profile in Myxomatous Mitral Valve Prolapse and Fibroelastic Deficiency Valves	International Journal of Molecular Science	753	17	5	10.3390/ijms17050753	Chen et al.
2016	Differing susceptibility to autophagic degradation of two LC3-binding proteins: SQSTM1/p62 and TBC1D25/OATL1	Autophagy	312-326	12	2	10.1080/15548627.2015.1124223	Hirano, S.; et al
2016	Drastic anthocyanin increase in response to PAP1 overexpression in fls1 knockout mutant confers enhanced osmotic stress tolerance in Arabidopsis thaliana	Plant Cell Reports	2369–2379	35	11	10.1007/s00299-016-2040-9	Lee, W.J; et al
2016	Effects and synergy of feed ingredients on canine neoplastic cell proliferation	BMC Veterinary Research	159	12	1	10.1186/s12917-016-0774-9	Levine, Corri B., et al.
2016	Effects of Aging on Neural Stem/Progenitor Cells and Oligodendrocyte Precursor Cells After Focal Cerebral Ischemia in Spontaneously Hypertensive Rats	Cell Transportation	705-714	25	4	10.3727/096368916X690557	Liang, A; et al
2016	Emerin Suppresses Notch Signaling by Restricting the Notch Intracellular Domain to the Nuclear Membrane	Biochimica et Biophysica Acta (BBA) - Molecular Cell Research	303-313	1864	2	10.1016/j.bbamcr.2016.11.013	Lee, B; et al
2016	Enhanced metabolic process to indole alkaloids in Clematis terniflora DC. after exposure to high level of UV-B irradiation followed by the dark	BMC Plant Biology	231	16	1	10.1186/s12870-016-0920-3	Gao, C; et al
2016	Enhancement of the Replication of Hepatitis C Virus Replicons of Genotypes 1 to 4 by Manipulation of CpG and UpA Dinucleotide Frequencies and Use of Cell Lines Expressing SECL14L2 for Antiviral Resistance Testing	Antimicrobial Agents and Chemotherapy	2981	60	5	10.1128/AAC.02932-15	Witteveldt et al.
2016	Epigenetic Regulatory Effect of Exercise on Glutathione Peroxidase 1 Expression in the Skeletal Muscle of Severely Dyslipidemic Mice	PLoS	e0151526	11	3	10.1371/journal.pone.0151526	Nguyen, A; et al
2016	Epigenetically mediated spontaneous reduction of NFAT1 expression causes imbalanced metabolic activities of articular chondrocytes in aged mice	Osteoarthritis and Cartilage	1274–1283	24	7	10.1016/j.joca.2016.02.003	Zhang, M; et al
2016	ErbB Receptor Tyrosine Kinase: A Molecular Switch Between Cardiac and Neuroectoderm Specification in Human Pluripotent Stem Cells	Stemcells	2461-2470	34	10	10.1002/stem.2420	Chrisnan J. A. Ramachandra et al.
2016	ErbB4 Activated p38 γ MAPK Isoform Mediates Early Cardiogenesis Through NKx2.5 in Human Pluripotent Stem Cells	Stem Cells	288	34	2	10.1002/stem.2223	Ramachandra et al.
2016	Ergothioneine oxidation in the protection against high-glucose induced endothelial senescence: Involvement of SIRT1 and SIRT6	Free Radical Biology and Medicine	211-222	96		10.1016/j.freeradbiomed.2016.04.013	D'onofrio, N. et al
2016	Erythropoietin and carbamylated erythropoietin promote histone deacetylase 5 phosphorylation and nuclear export in rat hippocampal neurons	Biochemical and Biophysical Research Communications	220-225	470	1	10.1016/j.bbrc.2016.01.039	Jo, H-R; et al
2016	ER α -XPO1 Cross Talk Controls Tamoxifen Sensitivity in Tumors by Altering ERK5 Cellular Localization	Molecular Endocrinology		30	10	10.1210/me.2016-1101	Wrobel et al.
2016	Establishment of proliferative tetraploid cells from telomerase-immortalized normal human fibroblasts	Genes, Chromosomes and Cancer	522-530	55	6	10.1002/gcc.22354	Ohshima, Susumu, and Atsushi Seyama.

2016	External Ca ²⁺ regulates polycystin-2 (TRPP2) cation currents in LLC-PK1 renal epithelial cells	Experimental Cell Research				10.1016/j.yexcr.2016.11.004	Dai, X; et al
2016	Extracellular Pectinase Production and Purification from a Newly Isolated Bacillus subtilis Strain	International Journal of Food Properties	2443-2450	19	11	10.1080/10942912.2015.1123270	Takci, Hatice Aysun Mercimek; et al
2016	EZH2 coupled with HOTAIR to silence MicroRNA-34 by the induction of heterochromatin formation in human pancreatic ductal adenocarcinoma	International Journal of Cancer	120	140	1	10.1002/ijc.30414	Li et al.
2016	Facile and phase-defined determination of HLA alleles with morpholino-functionalized nanoparticle probes	Nanomedicine				10.1016/j.nano.2016.09.009	Zu et al.
2016	Ferulic acid enhances nitric oxide production through up-regulation of argininosuccinate synthase in inflammatory human endothelial cells	Life Sciences	224-232	145		10.1016/j.lfs.2015.12.044	Zhao, J; et al
2016	Fetuin-A (alpha 2HS glycoprotein) modulates growth, motility, invasion, and senescence in high-grade astrocytomas	Cancer Medicine	3532-3543	5	12	10.1002/cam4.940	Nangami et al.
2016	Fis1 depletion in osteoarthritis impairs chondrocyte survival and peroxisomal and lysosomal function	Journal of Molecular Medicine	page 1 to 12	2016		10.1007/s00109-016-1445-9	Kim, D. et al
2016	Foreign DNA Surveillance Protein	Patent				US2014036835	Knipe, D; et al
2016	Furin Cleavage of L2 during Papillomavirus Infection: Minimal Dependence on Cyclophilins	Journal of Virology	6224-6234	90	14	10.1128/JVI.00038-16.27122588	Bronnimann, M; et al
2016	G protein-coupled estrogen receptor inhibits the P2Y receptor-mediated Ca ²⁺ signaling pathway in human airway epithelia		1489-1503	468	8	10.1007/s00424-016-1840-7	Hao, Yuan et al.
2016	Gastric tumour-derived ANGPT2 regulation by DARPP-32 promotes angiogenesis.	Gut	925-934	65	6	10.1136/gutjnl-2014-308416	Chen, Z et al.
2016	Generation of iPS Cells from Human Peripheral Blood Mononuclear Cells Using Episomal Vectors	Methods in molecular biology (Clifton, N.J.)	57-69	1357		10.1007/7651_2014_139	Ruijun Jeanna Su et al.
2016	Ghrelin, Ghrelin O-Acyltransferase, and Carbohydrate Metabolism During Pregnancy in Calorie-Restricted Mice	Hormone and Metabolic Research					Trivedi, A; et al
2016	Global SUMOylation facilitates the multimodal neuroprotection afforded by quercetin against the deleterious effects of oxygen/glucose deprivation and the restoration of oxygen/glucose	Journal of Neurochemistry	101–116	138	1	10.1111/jnc.13643	Lee, Y.
2016	Glucagon-Like Peptide-2 Requires a Full Complement of Bmi-1 for Its Proliferative Effects in the Murine Small Intestine - See more at: http://press.endocrine.org.proxy.lib.sfu.ca/doi/10.1210/en.2016-1127#sthash.UyebzBXc.dpuf	Endocrinology		157	7	10.1210/en.2016-1127#sthash.UyebzBXc.dpuf	Bradley, R; et al
2016	GRHL2-miR-200-ZEB1 maintains the epithelial status of ovarian cancer through transcriptional regulation and histone modification	Scientific Reports		6		10.1038/srep19943	Chung, V.Y., et al.
2016	Growth hormone is permissive for neoplastic colon growth	PNAS	E3250–E3259	113	23	10.1073/pnas.1600561113	Chesnokova, Vera et al
2016	H2B ubiquitination regulates meiotic recombination by promoting chromatin relaxation	Nucleic Acids Research	gkw652			10.1093/nar/gkw652	Xu, Z; et al
2016	Haploinsufficiency of the 22q11.2 microdeletion gene Mrpl40 disrupts short-term synaptic plasticity and working memory through dysregulation of mitochondrial calcium	Molecular Psychiatry				10.1038/mp.2016.75	Devaraju, P., et al.
2016	hBD-2 and hBD-3 are induced in S. pneumoniae infected human macrophages via distinct signaling pathways but exhibit similar immune modulatory functions	Free University of Berlin (Dissertation)					Wittig, M.M.E.
2016	Heat shock protein 70–2 (HSP70-2) is a novel therapeutic target for colorectal cancer and is associated with tumor growth.	BMC cancer	561	16	1	10.1186/s12885-016-2592-7	Jagadish, Nirmala, et al.
2016	Heat stress prevents lipopolysaccharide-induced apoptosis in pulmonary microvascular endothelial cells by blocking calpain/p38 MAPK signalling	Apoptosis	896-904	21	8	10.1007/s10495-016-1263-0	Zhi-feng Liu et al.
2016	Helicobacter pylori-induced cell death is counteracted by NF-κB-mediated transcription of DARPP-32	Gut	N/A	N/A	N/A	10.1136/gutjnl-2016-312141	Shoumin Zhu et al.

2016	High-throughput Functional Genomics Identifies Regulators of Primary Human Beta Cell Proliferation	The Journal of Biological Chemistry	4614-4625	291	9	10.1074/jbc.M115.683912	Robitaille, K; et al
2016	Histochemical and Molecular Characterization of Spongiosal Cells in Native Tissue, Two-and Three-Dimensional Cultures of Rat Aortic Valve	Journal of Histology				10.1155/2016/7680701	Nanduri et al.
2016	Human MicroRNA-602 Inhibits Hepatitis C Virus Genotype 1b Infection and Promotes Tumor Suppressor Gene Expression in a Hepatoma Cell Line	Virology & Antiviral Research				10.4172/2324-8955.1000153	Noorali et al.
2016	Human Polycystin-2 Transgene Dose-Dependently Rescues ADPKD Phenotypes in Pkd2 Mutant Mice	The American Journal of Pathology	2843-2860	185	10	10.1016/j.ajpath.2015.06.014	Li, A; et al
2016	Hyperglycemia Induces Cellular Hypoxia through Production of Mitochondrial ROS Followed by Suppression of Aquaporin-1	PLoS ONE	e0158619	11	7	10.1371/journal.pone.0158619	Sada K et al.
2016	Hypoxia induces the breast cancer stem cell phenotype by HIF-dependent and ALKBH5-mediated m6A-demethylation of NANOG mRNA	PNAS	2047-2056	113	14	10.1073/pnas.1602883113	Zhang, C; et al
2016	Hypoxia inducible factor 1 α induced IL 33 expression in intestinal epithelia contributes to mucosal homeostasis in inflammatory bowel disease	Clinical & Experimental Immunology				10.1111/cei.12896	Sun, M; et al
2016	Identification and monitoring of Korean medicines derived from Cinnamomum spp. by using ITS and DNA marker	Genes & Genomics	1			10.1007/s13258-016-0476-5	Doh et al.
2016	Identification and Validation of Reference Genes for qRT-PCR Studies of Gene Expression in Dioscorea opposita	BioMed Research International		2016		10.1155/2016/3089584	Zhao, X; et al
2016	Identification of a microRNA (miR-663a) induced by ER stress and its target gene PLOD3 by a combined microRNome and proteome approach	Cell biology and toxicology	285-303	32	4	10.1007/s10565-016-9335-z	Amodio, G; et al
2016	Identification of substituent groups and related genes involved in salean biosynthesis in Agrobacterium sp. ZX09	Applied Microbiology and Biotechnology	1-14			10.1007/s00253-016-7814-z	Xu, L; et al
2016	IFT46 plays crucial roles in craniofacial and cilia development	Biochemical and Biophysical Research Communications	419-425	477	3	10.1016/j.bbrc.2016.06.083	Park, I; et al
2016	IL-6 promotes growth and epithelial-mesenchymal transition of CD133+ cells of non-small cell lung cancer	Oncotarget	6626-6638	7	6	10.18632/oncotarget.6570	Lee et al.
2016	Immune genes and divergent antimicrobial peptides in flies of the subgenus Drosophila	BioMed Central	228	16	1	10.1186/s12862-016-0805-y	Hanson, M; et al
2016	Immunogenicity of Renal Microvascular Endothelial Cells From Genetically Modified Pigs	Transplantation	533-537	100	3	10.1097/TP.0000000000001070	Wang, ZY; et al
2016	Inactivation of Tsc2 in Mesoderm-Derived Cells Causes Polycystic Kidney Lesions and Impairs Lung Alveolarization	The American Journal of Pathology		186	12	10.1016/j.ajpath.2016.08.013 27768862	Ren, S; et al
2016	Influence of Repressive Histone and DNA Methylation upon D4Z4 Transcription in Non-Myogenic Cells	PLOS one				10.1371/journal.pone.0160022	Das, Sunny et al
2016	Inhibition of autocrine signaling of the Epithelial-Mesenchymal Transition in breast cancer						Diana, D; et al
2016	Inhibition of JCPyV infection mediated by targeted viral genome editing using CRISPR/Cas9	Scientific Reports		6	####	10.1038/srep36921	Chou, Yi-Ying et al
2016	Inhibition of miR-21 rescues liver regeneration after partial hepatectomy in ethanol-fed rats	American Journal of Physiology-Gastrointestinal and Livery Physiology	G794-G806	311	5	10.1152/ajpgi.00292.2016	Juskeviciute, E; et al
2016	INHIBITION OF THE NUCLEAR EXPORT RECEPTOR XPO1 AS A THERAPEUTIC TARGET FOR PLATINUM RESISTANT OVARIAN CANCER	Clinical Cancer Research	CCR-16-1333			10.1158/1078-0432	Martignetti, J et al
2016	Inhibitory effects of Japanese horseradish (Wasabia japonica) on the formation and genotoxicity of a potent carcinogen, acrylamide	Journal of the Science of Food and Agriculture				10.1002/jsfa.8055	Shimamura, Y; et al
2016	Insulin Receptor Substrate-1 Activation Mediated p53 Downregulation Protects Against Hypoxic-Ischemia in the Neonatal Brain	Molecular Neurobiology	3658-3669	53	6	10.1007/s12035-015-9300-5	Yi-Fang Tu et al.

2016	Interactions of <i>Oryza sativa</i> OsCONTINUOUS VASCULAR RING LIKE 1 (OsCOLE1) and OsCOLE1 INTERACTING PROTEIN reveal a novel intracellular auxin transport mechanism	New Phytologist	96-107	212	1	10.1111/nph.14021	Liu, F; et al
2016	Interleukin 6 induces expression of NADPH oxidase 2 in human aortic endothelial cells via long noncoding RNA MALAT1	Die Pharmazie - An International Journal of Pharmaceutical Sciences	592	71	10	10.1691/ph.2016.6598	Wang et al.
2016	Intraspecific variations in cardamom (<i>Elettaria cardamomum</i> Maton): assessment of genomic diversity by flow cytometry, cytological studies and ISSR analysis	SpringerPlus		1560	5	10.1186/s40064-016-3226-x	Anjali et al.
2016	INVESTIGATION OF POLYMORPHISM AT STAT5A GENE BY PCR-RFLP METHOD	Research Gate	69	66	1	PMID: 26845856	Oner et al.
2016	Isorhapontigenin (ISO) inhibits invasive bladder cancer (BC) formation in vivo and human BC invasion in vitro by targeting STAT1/FOXO1 Axis	Cancer Prevention Research	567-80	9	7	10.1158/1940-6207.CAPR-15-0338	Jiang, G. Et al
2016	Knockdown of Polyphenol Oxidase Gene Expression in Potato (<i>Solanum tuberosum</i> L.) with Artificial MicroRNAs	Biotechnology of Plant Secondary Metabolism	163-178	1405		10.1007/978-1-4939-3393-8_15	Chi, M; et al
2016	<i>Lactobacillus brevis</i> T2102 suppresses the growth of colorectal cancer cells by activating SIRT1	Journal of Functional Foods	444-452	23		10.1016/j.jff.2016.01.016	Harada, G; et al
2016	Laminin regulates PDGFR β + cell stemness and muscle development	Nature Communications		7		10.1038/ncomms11415	Yao, Y., et al.
2016	Lentiviral Delivery of miR-133b Improves Functional Recovery After Spinal Cord Injury in Mice	Molecular Neurobiology	1 to 13			10.1007/s12035-016-0007-z	Thesis, T; et al
2016	Lentivirus-mediated somatic recombination and development of a novel mouse model for sporadic colorectal cancer	Genes, Chromosomes, and Cancer	577-590	55	7	10.1002/gcc.22361	Vaish, V; et al
2016	Leptin activates chicken growth hormone promoter without chicken STAT3 in vitro	Comparative Biochemistry and Physiology Part B: Biochemistry and Molecular Biology	46-52	191		10.1016/j.cbpb.2015.09.004	Murase, D; et al
2016	Linkages of C: N: P stoichiometry and bacterial community in soil following afforestation of former farmland	Forest Ecology and Management	59-66	376		10.1016/j.foreco.2016.06.004	Ren, C; et al
2016	Lipid Co-factor Essential for Cell Density Signaling	Patent	N/A	N/A	N/A	US20160251386	Richard I. Schwarz
2016	Liver-specific overexpression of LPCAT3 reduces postprandial hyperglycemia and improves lipoprotein metabolic profile in mice	Nutrition & Diabetes	e206	6		10.1038/nutd.2016.12	JG Cash & DY Hui
2016	Long non-coding RNA LINC01133 inhibits epithelial–mesenchymal transition and metastasis in colorectal cancer by interacting with SRSF6	Cancer Letters	476-484	280	2	10.1016/j.canlet.2016.07.015	Kong, J; et al
2016	LPAIV H9N2 Drives the Differential Expression of Goose Interferons and Proinflammatory Cytokines in Both In Vitro and In Vivo Studies	Frontiers in microbiology	166	7		10.3389/fmicb.2016.01666	Zhou, H; et al
2016	Magnobovitol inhibits smooth muscle cell migration by suppressing PDGFR β phosphorylation and inhibiting matrix metalloproteinase-2 expression	International journal of molecular medicine	1239-1246	37	5	10.3892/ijmm.2016.2548	Kang, Hyreen, et al.
2016	Microglia-Induced Activation of Noncanonical Wnt Signaling Aggravates Neurodegeneration in Demyelinating Disorders	Molecular and Cellular Biology	2728-2741	36	21	10.1128/MCB.00139-16	Shimizu, T. et al
2016	MicroRNA-126 overexpression rescues diabetes-induced impairment in efferocytosis of apoptotic cardiomyocytes	Scientific Reports	36207	6		10.1038/srep36207	Suresh Babu, Sahana et al.
2016	MicroRNA-145-based differentiation of human mesenchymal stem cells to smooth muscle cells	Biotechnology Letters	1975	38	11	10.1007/s10529-016-2177-1	M Pajoohesh, H Naderi-Manesh, M Soleimani
2016	MicroRNA-152 Targets Phosphatase and Tensin Homolog to Inhibit Apoptosis and Promote Cell Migration of Nasopharyngeal Carcinoma Cells	Medical science monitor	4330-4337	22	N/A	10.12659/MSM.898110	Shunde Huang et al.

2016	MicroRNA-21 plays an oncogenic role by targeting FOXO1 and activating the PI3K/AKT pathway in diffuse large B-cell lymphoma	oncotarget	15035-15049	6	17	10.18632/oncotarget.3729	Go, Heounjeong et al
2016	MicroRNA-585 acts as a tumor suppressor in non-small-cell lung cancer by targeting hSMG-1	Clinical and Translational Oncology	1			10.1007/s12094-016-1562-5	Ding et al.
2016	MicroRNA-9 inhibits hyperglycemia-induced pyroptosis in human ventricular cardiomyocytes by targeting ELAVL1	Biochemical and biophysical research communications	423-429	471	4	10.1016/j.bbrc.2016.02.065	Jeyabal, Prince, et al.
2016	microRNA-9 Targets the Neuroprotective Enzyme Glutamate Oxaloacetate Transaminase	Ohio State University Knowledge Bank (Thesis)					Briggs, Z.
2016	MICU1 regulation of mitochondrial Ca ²⁺ uptake dictates survival and tissue regeneration	Nature Communications	10955	7		10.1038/ncomms10955	Antony, A; et al
2016	miR-137 Regulates the Tumorigenicity of Colon Cancer Stem Cells through the Inhibition of DCLK1	Molecular Cancer Research	MCR-15-0380			10.1158/1541-7786	Sakaguchi, M et al
2016	MiR-31 and miR-128 regulates poliovirus receptor-related 4 mediated measles virus infectivity in tumors	Molecular Oncology	1387-1403	10	9	10.1016/j.molonc.2016.07.007	Geekiyanaage, Hirosha et al
2016	Molecular and Parasitological Survey of Ovine Piroplasmosis, Including the First Report of Theileria annulata (Apicomplexa: Theileridae) in Sheep and Goats from Turkey	Journal of Medical Entomology				10.1093/jme/tjw134	Ozubek, S; et al
2016	Molecular evidence of a new Babesia sp. in goats	Veterinary Parasitology	1-8	233		10.1016/j.vetpar.2016.11.016	Gao, R; et al
2016	Natural Infection of Avian Hepatitis E Virus and Marek's Disease Virus in Brown Layer Chickens in China	Avian Diseases	698-704	60	3		Yang, S;et al
2016	NBR1 enables autophagy-dependent focal adhesion turnover	J Cell Biol	577-590	212	5	10.1083/jcb.201503075	Candia M. Kenific et al.
2016	Nephrin Suppresses Hippo Signaling through the Adaptor Proteins Nck and WTIP	The Journal of Biological Chemistry	12799-12808	291		10.1074/jbc.M116.724245	Chahi, A; et al
2016	Neuroglial alterations in the zebrafish brain exposed to cadmium chloride	Journal of Applied Toxicology	1629-1638	36	12	10.1002/jat.3328	Monaco, A; et al
2016	Neurokinin B exerts direct effects on the ovary to stimulate estradiol production	Endocrinology		157	9	10.1210/en.2016-1354	Qi, X; et al
2016	New role of osteopontin in DNA repair and impact on human glioblastoma radiosensitivity	Oncotarget	63708-63721	7	39	10.18632/oncotarget.1483	Henry, A; et al
2016	Normal gonadotropin production and fertility in gonadotrope-specific BMPRII knockout mice	Journal of Endocrinology	331-41	229	3	10.1530/JOE-16-0053	Zhou, X; et al
2016	North American ginseng (P. quinquefolius) suppresses β adrenergic-dependent signalling, hypertrophy and cardiac dysfunction	Canadian Journal of Physiology and Pharmacology	1325-1335	94	12	10.1139/cjpp-2016-0337	Tang, X; et al
2016	Notch Signaling Activates Stem Cell Properties of Müller Glia through Transcriptional Regulation and Skp2-mediated Degradation of p27Kip1	PLOS one	e0152025	11	3	10.1371/journal.pone.0152025	Del Debbio, C.B., et al.
2016	Notch signaling suppresses regulatory T cell function in murine experimental autoimmune uveitis	Immunology	447-459	149	4	10.1111/imm.12663	Rong, Hua et al
2016	Nuclear import mechanism of neurofibromin for localization on the spindle and function in chromosome congression	Journal of Neurochemistry	78	136	1	10.1111/jnc.13401	X Koliou, C Fedonidis, T Kalpachidou, D Mangoura
2016	OCT-4: a novel estrogen receptor- α collaborator that promotes tamoxifen resistance in breast cancer cells	Oncogene	5722-5734	35	1	10.1038/onc.2016.105	Bhatt, S.; et al
2016	Oleuropein induces mitochondrial biogenesis and decreases reactive oxygen species generation in cultured avian muscle cells, possibly via an up-regulation of peroxisome proliferator-activated receptor γ coactivator-1 α	Animal Science Journal	1371-1378	87	11	10.1111/asj.12559	Kikusato, M; et al

2016	Oncogenic transformation of human lung bronchial epithelial cells induced by arsenic involves ROS dependent activation of STAT3-miR-21-PDCD4 mechanism	Scientific Reports	37227	6		10.1038%2Fsrep37227	Pratheeshku mar et al.
2016	Optical fiber sensor based on surface plasmon resonance for rapid detection of avian influenza virus subtype H6: Initial studies	Journal of Virological Methods	15	233		10.1016/j.jviromet.2016.03.007	Zhao et al.
2016	Osthole inhibits the expressions of collagen I and III through Smad signaling pathway after treatment with TGF- β 1 in mouse cardiac fibroblasts	International Journal of Cardiology	388-393	228		10.1016/j.ijcard.2016.11.202	Liu, J.C; et al
2016	Oxidative products from alcohol metabolism differentially modulate pro-inflammatory cytokine expression in Kupffer cells and hepatocytes	Cytokine	109-119	85	N/A	10.1016/j.cyto.2016.06.014	Daoyin Dong et al.
2016	Oxysterol-binding protein ORP3 rescues the Amyotrophic Lateral Sclerosis-linked mutant VAPB phenotype	Experimental Cell Research	18-31	341	1	10.1016/j.yexcr.2016.01.013	Darbyson, A; et al
2016	p16INK4A induces senescence and inhibits EMT through microRNA-141/microRNA-146b-5p-dependent repression of AUF1	Molecular Carcinogenesis				10.1002/mc.22564	Al-Khalaf, H.H., et al.
2016	PAK4 Phosphorylates p53 at Serine 215 to Promote Liver Cancer Metastasis	Cancer Research		76	19	10.1158/0008-5472.CAN-15-3373	Xu, H-T; et al
2016	PCGEM1 stimulates proliferation of osteoarthritic synoviocytes by acting as a sponge for miR-770	Journal of Orthopaedic Research	412	34	3	10.1002/jor.23046	Kang et al.
2016	Pharmacological Bypass of Cockayne Syndrome B Function in Neuronal Differentiation	Cell Reports	2554	14	11	10.1016/j.celrep.2016.02.051	Wang et al.
2016	PhiXing-it, displaying foreign peptides on bacteriophage Φ X174	Virology	242-248	488		10.1016/j.virol.2015.11.021	Christakos, Kristofer et al
2016	Pomegranate-Derived Polyphenols Reduce Reactive Oxygen Species Production via SIRT3-Mediated SOD2 Activation	Oxidative Medicine and Cellular Longevity		2016		10.1155/2016/2927131	Zhao, C; et al
2016	Potential contribution of the hepcidin-macrophage axis to plaque vulnerability in acute myocardial infarction in human	International Journal of Cardiology	114-121	227		10.1016/j.ijcard.2016.11.147	Sasai, M; et al
2016	Potential role of 8-oxoguanine DNA glycosylase 1 as a STAT1 coactivator in endotoxin-induced inflammatory response	Free Radical Biology and Medicine	12-11	93		10.1016/j.freeradbiomed.2015.10.415	Kim, H.S; et al
2016	Power of different microsatellite panels for paternity analysis in sheep	Animal Science Papers and Reports	155-164	34	2		Yilmaz, O; et al
2016	PPAR γ neddylation essential for adipogenesis is a potential target for treating obesity	Cell Death & Differentiation	1296-311	23	8	10.1038/cdd.2016.6	Park, H-S; et al
2016	PPAR γ Regulates Mouse Meibocyte Differentiation and Lipid Synthesis	The Ocular Surface	484-494	14	4	10.1016/j.jtos.2016.08.001	Jester, J.V., et al.
2016	Preventive effects of simvastatin nanoliposome on isoproterenol-induced cardiac remodeling in mice	Nanomedicine: Nanotechnology, Biology and Medicine	1899-1907	12	7	10.1016/j.nano.2016.05.002	Tuerdi, N; et al
2016	Promotion of adipogenesis by 15-(<i>S</i>)-hydroxyeicosatetraenoic acid	Prostaglandins & Other Lipid Mediators	1-8	123		10.1016/j.prostaglandins.2016.02.001	Yong-Seok Song et al.
2016	Proteasome Inhibitor YSY01A Enhances Cisplatin Cytotoxicity in Cisplatin-Resistant Human Ovarian Cancer Cells	Journal of Cancer	1133-1141	7	9	10.7150/jca.14519	Huang, W; et al
2016	Protein Phosphatase, Mg ²⁺ /Mn ²⁺ -dependent 1A controls the innate antiviral and antibacterial response of macrophages during HIV-1 and Mycobacterium tuberculosis infection	Oncotarget	15394-409	7	13	10.18632/oncotarget.8190	Sun, J. et al
2016	PRRX2 as a novel TGF- β -induced factor enhances invasion and migration in mammary epithelial cell and correlates with poor prognosis in breast cancer	Molecular Carcinogenesis	2247-2259	55	12	10.1002/mc.22465	Juang, YL; et al
2016	Rabin8 regulates neurite outgrowth in both a GEF-activity-dependent and -independent manner	Molecular Biology of the Cell	2107-2118	27	13	10.1091/mbc.E16-02-0091	Homma, Y.; et al
2016	Radiofrequency hyperthermia-enhanced herpes simplex virus-thymidine kinase/ganciclovir direct intratumoral gene therapy of hepatocellular carcinoma	American Journal of Cancer Research	2054-2063	6	9	10.1080/02656736.2016.1229045	Wang, J; et al

2016	Reducing neuroinflammation by delivery of IL-10 encoding lentivirus from multiple-channel bridges	Bioengineering and Translational Medicine	136-148	1	2	10.1002/btm2.10018	Margul, Daniel et al
2016	Reference genes selection and relative expression analysis from Shiraia sp. SUPER-H168 productive of hypocrellin	Gene	67-72	580	1	10.1016/j.gene.2016.01.019	Deng, H; et al
2016	Regional CAR-T cell infusions for peritoneal carcinomatosis are superior to systemic delivery	Cancer Gene Therapy	142	23		10.1038/cgt.2016.14	Katz et al.
2016	Registered Report: COT drives resistance to RAF inhibition through MAP kinase pathway reactivation	eLife	e11414	5		10.7554/eLife.11414	Sharma, V; et al
2016	Registered Report: Diverse somatic mutation patterns and pathway alterations in human cancers	eLife	e11566	5	pii	10.7554/eLife.11566	Sharma, V; et al
2016	Regulation of a Coupled MARCKS–PI3K Lipid Kinase Circuit by Calmodulin: Single-Molecule Analysis of a Membrane-Bound Signaling Module	Biochemistry	6395–6405	55	46	10.1021/acs.biochem.6b00908	Brian P. Ziemba et al.
2016	Regulation of CD44E by DARPP-32-dependent activation of SRp20 splicing factor in gastric tumorigenesis	Oncogene	1847-1856	35	14	10.1038/onc.2015.250	Zhu, S.; et al
2016	Regulation of Spr Expression by miR-330-5p Controls Proliferation of Mouse Epidermal Keratinocyte	PloS one	e0164896.	11	10	10.1371/journal.pone.0164896	Kim, B.; et al
2016	Regulation of the T-box transcription factor Tbx3 by the tumour suppressor microRNA-206 in breast cancer	British Journal of Cancer	1125-1134	114	1	10.1038/bjc.2016.73	Amir, S.; et al
2016	Regulatory roles of conserved phosphorylation sites in the activation T-loop of the MAP kinase ERK1	Molecular Biology of the Cell	1040-1050	27	6	10.1091/mbc.E15-07-0527	Lai, S.; et al
2016	Replication of a pathogenic non-coding RNA increases DNA methylation in plants associated with a bromodomain-containing viroid-binding protein	Scientific reports	35751	6		10.1038/srep35751	Ly, D.Q.; et al
2016	Rescue effects and underlying mechanisms of intragland Shh gene delivery on irradiation-induced hyposalivation	Human Gene Therapy	390-399	27	5	10.1089/hum.2016.005	Hai Bo et al.
2016	Responses of soil fungi to 5-year conservation tillage treatments in the drylands of northern China	Applied Soil Ecology	132-140	101		10.1016/j.apsoil.2016.02.002	Wang, Z; et al
2016	Responsiveness of soil nitrogen fractions and bacterial communities to afforestation in the Loess Hilly Region (LHR) of China	Scientific Reports	28469	6		10.1038/srep28469	Ren, C; et al
2016	Rethinking the biological relationships of the thyroid hormones, l-thyroxine and 3,5,3'-triiodothyronine	Comparative Biochemistry and Physiology Part D: Genomics and Proteomics	44-53	18		10.1016/j.cbd.2016.04.002	Maher, S.K; et al
2016	RUTBC1 Functions as a GTPase-activating Protein for Rab32/38 and Regulates Melanogenic Enzyme Trafficking in Melanocytes	The Journal of Biological Chemistry	1427-1440	291	3	10.1074/jbc.M115.684043	Marubashi, S.; et al
2016	Safe engineering of CAR T cells for adoptive cell therapy of cancer using long-term episomal gene transfer	EMBO Molecular Medicine	702-711	8	7	10.15252/emmm.201505869	Chuan Jin et al.
2016	Selection preserves Ubiquitin Specific Protease 4 alternative exon skipping in therian mammals	Scientific Reports	20039	6		10.1038/srep20039	C Vlasschaert, X Xia, DA Gray
2016	Serum MX2 Protein as Candidate Biomarker for Early Pregnancy Diagnosis in Buffalo	Reproduction in Domestic Animals	453-460	51	4	10.1111/rda.12700	Buragohain, L; et al
2016	Serum-circulating miRNAs predict neuroblastoma progression in mouse model of high-risk metastatic disease	Oncotarget	18605-18619	7	14	10.18632/oncotarget.7615	Ramraj, SK; et al
2016	Sexual dimorphism in myocardial acylcarnitine and triglyceride metabolism	Biology of Sex Differences	25	7		10.1186/s13293-016-0077-7	Devanathan, Sriram et al.
2016	Similarities and Distinctions in Actions of Surface-Directed and Classic Androgen Receptor Antagonists	PLoS ONE	e0137103	10	9	10.1371/journal.pone.0137103	Suh JH et al.
2016	Site-Directed Mutagenesis, in Vivo Electroporation and Mass Spectrometry in Search for Determinants of the Subcellular Targeting of Rab7b Parologue in the Model Eukaryote Paramecium Octaurelia	European Journal of Histochemistry	2612	60	2	10.4081/ejh.2016.2612	Wyroba, E; et al
2016	Small-molecule binding of the axin RGS domain promotes [beta]-catenin and Ras degradation	Nature chemical biology	593-600	12	8	10.1038/nchembio.2103	Cha, P.; et al
2016	SPARC overexpression combined with radiation retards angiogenesis by suppressing VEGF-A via miR-410 in human neuroblastoma cells	International Journal of Oncology	1394	49	4	10.3892/ijo.2016.3646	Jerusha Boyineni et al.
2016	Structural differences in gut bacteria communities in developmental stages of natural populations of Lutzomyia evansi from Colombia's Caribbean coast	BioMed Central	496	9	1	10.1186/s13071-016-1766-0	Vivero et al.

2016	Survivin silencing and TRAIL expression using oncolytic adenovirus increase anti-tumorigenic activity in gemcitabine-resistant pancreatic cancer cells	Apoptosis	351-364	21	3	10.1007/s10495-015-1208-z	Han, Zhezhu, et al.
2016	SYSTEMIC AND LOCAL EX VIVO GENE THERAPY OF THE SKELETON	Patent				US20160120944	Baylink, David et al
2016	Tanshinone IIA inhibits apoptosis in the myocardium by inducing microRNA-152-3p expression and thereby downregulating PTEN	American Journal of Translational Research	3124	8	7	PMID: 27508033	Zhang et al.
2016	The Amino-terminal Domain of the Androgen Receptor Co-opts ERK Docking Sites in ELK1 to Induce Sustained Gene Activation that Supports Prostate Cancer Cell Growth	The Journal of Biological Chemistry	25983-25998	291	50	10.1074/jbc.M116.745596	Rosati, R., et al.
2016	The chondrocyte clock gene Bmal1 controls cartilage homeostasis and integrity	JCI	365	126	1	10.1172/JCI82755	Dudek et al.
2016	The construction and proliferative effects of a lentiviral vector capable of stably overexpressing SPINK1 gene in human pancreatic cancer AsPC-1 cell line	Tumor Biology	5847-5855	37	5	10.1007/s13277-015-4405-z	Zhang, J; et al
2016	The effect of adropin on lipid and glucose metabolism in rats with hyperlipidemia	Iranian journal of basic medical sciences	245-251	19	3	PMID: 27114793	Akcilar, R; et al
2016	The four and a half LIM domains 2 (FHL2) regulates ovarian granulosa cell tumor progression via controlling AKT1 transcription	Cell Death and Disease	e2297	7		10.1038/cddis.2016.207	G Hua et al
2016	The hypnotic bromovalerylurea ameliorates 6-hydroxydopamineinduced dopaminergic neuron loss while suppressing expression of interferon regulatory factors by microglia	Neurochemistry International	158	99		10.1016/j.neuint.2016.06.013	Higaki et al.
2016	The Kallikrein-Kinin System: A Novel Mediator of IL-17-Driven Anti-Candida Immunity in the Kidney	PLoS Pathog	e1005952	12	11	10.1371/journal.ppat.1005952	Ramani K et al.
2016	The long non-coding RNA TUG1 indicates a poor prognosis for colorectal cancer and promotes metastasis by affecting epithelial-mesenchymal transition	Journal of Translational Medicine	42	14		10.1186/s12967-016-0786-z	Sun et al.
2016	The modeling of Alzheimer's disease by the overexpression of mutant Presenilin 1 in human embryonic stem cells	Biochemical and Biophysical Research Communications	587-592	469	3	10.1016/j.bbrc.2015.12.025	Honda, M; et al
2016	The p21-activated kinase, PAK2, is important in the activation of numerous pancreatic acinar cell signaling cascades and in the onset of early pancreatitis events	BBA - Molecular Basis of Disease	1122-1136	1862	6	10.1016/j.bbdis.2016.02.008	Bernardo Nuche-Berenguer et al.
2016	The RNA-binding protein Gemin5 binds directly to the ribosome and regulates global translation	Nucleic Acids Research	8335-51	44	17	10.1093/nar/gkw702	Rosario Francisco-Velilla, Javier Fernandez-Chamorro, Jorge Ramajo and Encarnacion Martinez-Salas
2016	The role of vitamin D signalling in the interaction between mesenchymal mammary tumour cells and macrophages	Thesis					Inglese, C
2016	THE ROLE OF VITAMIN D SIGNALLING IN THE INTERACTION BETWEEN MESENCHYMAL MAMMARY TUMOUR CELLS AND MACROPHAGES	Thesis					Cara Nicole Inglese
2016	The splicing factor SRSF1 modulates pattern formation by inhibiting transcription of tissue specific genes during embryogenesis	Biochemical and Biophysical Research Communications	1011-1016	477	4	10.1016/j.bbrc.2016.07.021	Lee, S-H; et al
2016	The tumor-associated glycosyltransferase ST6Gal-I regulates stem cell transcription factors and confers a cancer stem cell phenotype	Cancer Research: Tumour and Stem Cell Biology	3978	73	13	10.1158/0008-5472.CAN-15-2834	Schultz et al.
2016	Thyroid Transcription Factor 1 Reprograms Angiogenic Activities of Secretome	Scientific reports	19857	6		10.1038/srep19857	Wood, L.W; et al

2016	TLR9 stability and signaling are regulated by phosphorylation and cell stress	Journal of Leukocyte Biology	525-533	100	3	10.1189/jlb.2A0815-337R	Hasan, M; et al
2016	Transcriptional Regulation of Frizzled-1 in Human Osteoblasts by Sp1	PLoS ONE	e0163277	11	10	10.1371/journal.pone.0163277	Shibing Yu et al.
2016	Transcriptional Regulation of X-Box-binding Protein One (XBP1) by Hepatocyte Nuclear Factor 4a (HNF4A) Is Vital to Beta-cell Function	The Journal of Biological Chemistry	6146-6157	291	12	10.1074/jbc.M115.685750	Moore et al.
2016	Transcriptome analysis provides insight into venom evolution in a seed-parasitic wasp, <i>Megastigmus spermotrophus</i>	Insect Molecular Biology	604-616	25	5	10.1111/imb.12247	Paulson, A.R; et al
2016	Transglutaminase 2 overexpression induces depressive-like behavior and impaired TrkB signaling in mice	Molecular Psychiatry		2016		10.1038/mp.2016.145	Pandya et al.
2016	Transient Intermittent Hypoxia Exposure Disrupts Neonatal Bone Strength	Front Pediatr.	N/A	4	15	10.3389/fped.2016.00015	Gyuyoung Kim et al.
2016	Tristetraprolin regulates the decay of the hypoxia-induced vascular endothelial growth factor mRNA in ARPE-19 cells	Molecular Medicine Reports	5395-5400	14	6	10.3892/mmr.2016.5890	Ryu, J; et al
2016	Type I bHLH Proteins Daughterless and Tcf4 Restrict Neurite Branching and Synapse Formation by Repressing Neurexin in Postmitotic Neurons	Cell Reports	386-397	15	2	10.1016/j.celrep.2016.03.034	D'Rozario, M., et al.
2016	UGT2B17 Expedites Progression of Castration-Resistant Prostate Cancers by Promoting Ligand-Independent AR Signaling	Cancer Research		76	22	10.1158/0008-5472.CAN-16-1518	Haolong, L., et al.
2016	Upregulation of Nrf2–p300 mediates anti-inflammatory effects of curcumin in microglia by downregulating p65–p300	Animal Cells and Systems		20	5	10.1080/19768354.2016.1223169	Lee, H; et al
2016	Using genome-wide CRISPR library screening with library resistant DCK to find new sources of Ara-C drug resistance in AML	Scientific Reports	36199	6		10.1038/srep36199	Kurata, Morito et al
2016	USP7 deubiquitinase promotes ubiquitin-dependent DNA damage signaling by stabilizing RNF168	Cell Cycle	1413-1425	14	9	10.1080/15384101.2015.1007785	Zhu, Q et al.
2016	Variability in biofilm formation correlates with hydrophobicity and quorum sensing among <i>Vibrio parahaemolyticus</i> isolates from food contact surfaces and the distribution of the genes involved in biofilm formation	Biofouling	497-509	32	4	10.1080/08927014.2016.1149571	Mizan et al.
2016	Vasorelaxant Effect of 5'-Methylthioadenosine Obtained from <i>Candida utilis</i> Yeast Extract through the Suppression of Intracellular Ca ²⁺ Concentration in Isolated Rat Aorta	Journal of Agricultural and Food Chemistry	3362-3370	64	17	10.1021/acs.jafc.6b00679	Kumrungsee, T; et al
2016	Vitronectin promotes the progress of the initial differentiation stage in cerebellar granule cells	Molecular and Cellular Neuroscience	76-85	70		10.1016/j.mcn.2015.11.013	Hashimoto, K; et al
2016	YB-1 regulates tRNA-induced Stress Granule formation but not translational repression	Nucleic Acids Research	6949-6960	44	14	10.1093/nar/gkw418	Lyons, S; et al
2016	ZFP521 contributes to pre-B-cell lymphomagenesis through modulation of the pre-B-cell receptor signaling pathway	Oncogene	3227–3238	35	25	10.1038/onc.2015.385	Hiratsuka, T; et al
2015	Short-Chain Fatty Acids Regulate Secretion of IL-8 from Human Intestinal Epithelial Cell Lines in vitro	Immunological Investigations	678-693	44	7	10.3109/08820139.2015.1085389	Asarat et al.
2015	A Hot-spot of In-frame Duplications Activates the Oncoprotein AKT1 in Juvenile Granulosa Cell Tumors	EBioMedicine	421-431	2	5	10.1016/j.ebiom.2015.03.002	Bessière, Laurianne, et al
2015	A potyvirus vector efficiently targets recombinant proteins to chloroplasts, mitochondria and nuclei in plant cells when expressed at the amino terminus of the polyprotein	Biotechnol J	1792–1802	10	11	26147811	Daròs JA. et al
2015	Ac2PIM-responsive miR-150 and miR-143 Target Receptor-interacting Protein Kinase 2 and Transforming Growth Factor Beta-activated Kinase 1 to Suppress NOD2-induced Immunomodulators	The Journal of Biological Chemistry	26576-26586	290	44	10.1074/jbc.M115.662817	Prakhar, P. et al.
2015	Acylated ghrelin is not required for the surge in pituitary growth hormone observed in pregnant mice	Peptides	29-33	65		10.1016/j.peptides.2015.01.005	Chanoine, J. P. et al.
2015	Adiponectin fine-tuning of liver regeneration dynamics revealed through cellular network modelling	J Physiol	365-383	593	2	10.1113/jphysiol.2014.284109	Hoek, J.B. et al.
2015	A-kinase anchor protein 4 (AKAP4) a promising therapeutic target of colorectal cancer	Journal of Experimental & Clinical Cancer Research	142	34	1	26590805	Jagadish, N; et al
2015	Analysis of zebrafish (<i>Danio rerio</i>) behavior in response to bacterial infection using a self-organizing map	BMC Veterinary Research		11	269	10.1186/s12917-015-0579-2	Kang, H.Y. et al.
2015	Apoptotic effects of salinomycin on human ovarian cancer cell line (OVCAR-3)	Tumor Biology	42376			10.1007/s13277-015-4212-6	Kaplan Fuat

2015	Application of xCELLigence RTCA Biosensor Technology for Revealing the Profile and Window of Drug Responsiveness in Real Time	Biosensors 5(2), 199-222;	199-222	5	2	10.3390/bios5020199	Kho, D., et al.
2015	BET Bromodomain Blockade Mitigates Intimal Hyperplasia in Rat Carotid Arteries	EBioMedicine	pg. 1650-1661	2	11	10.1016/j.ebiom.2015.09.045	Wang et al.
2015	BET protein Brd4 activates transcription in neurons and BET inhibitor Jq1 blocks memory in mice	Nature Neuroscience	pg. 1464-1473	18	10	10.1038/nn.4095	Korb et al.
2015	Bioinformatics Data Mining Approach Suggests Coexpression of AGTPBP1 with an ALS-linked Gene C9orf72	Journal of central nervous system disease		7	15	26106267	Kitano, Shouta, et al.
2015	Biomimetic repeat protein derived from <i>Xenopus tropicalis</i> for fibrous scaffold fabrication	Biopolymers	659-64	103	12	26297878	Cha, H. J. et al.
2015	Blocking of SMAD4 expression by shRNA effectively inhibits fibrogenesis of human hepatic stellate cells	Gastroenterology and Hepatology from Bed to Bench	262-269	8	4	4600516	Khanizadeh S et al
2015	Brain endothelial miR-146a negatively modulates Tcell adhesion through repressing multiple targets to inhibit NF-B activation.	Journal of Cerebral Blood Flow and Metabolism	pg. 412-423	35	3	10.1038/jcbfm.2014.207	Wu et al.
2015	Cellular Adhesion Promotes Prostate Cancer Cells Escape from Dormancy	PLoS One				10.1371/journal.pone.0130565	Ruppender et al.
2015	Cellular Mechanisms of CCL22-Mediated Attenuation of Autoimmune Diabetes	The Journal of Immunology	3054-3064	194	7	10.4049/jimmunol.1400567	Bischoff, L. et al.
2015	Cerebrovascular and blood-brain barrier impairments in Huntington's disease: Potential implications for its pathophysiology	Ann Neurol	160-177	78	2	10.1002/ana.24406	Cicchetti, F. et al.
2015	Chapter 5: "MECHANISM OF NUCLEOSIDE AND NRTI TRANSEPITHELIAL TRANSPORT BY HUMAN AND RAT SERTOLI CELLS IN VITRO." in: Nucleoside and HIV Drug Transport at the Blood-Testis Barrier	PhD Dissertation (University of Arizona)	pg. 118-138	Chapter 5			Klein, D.
2015	Chapter 5: "Porcine and Bovine Adeno-associated Virus Capsids Are Effective for in vitro Gene Delivery" in: Adeno-associated Virus Vector as a Tool for the Analysis of in vivo Ovine Betaretroviral Gene Expression, and its use as a Vector for Therapeutic Gene Delivery	Phd Dissertation (University of Guelph)	pg. 121-148	Chapter 5		https://atrium.lib.uoguelph.ca/xmlui/handle/10214/8706	Yu, D. et al.
2015	Characterization of human herpesvirus 6A/B U94 as ATPase, helicase, exonuclease and DNA-binding proteins	Nucl. Acids Res	N/A	N/A	N/A	10.1093/nar/gkv503	Trempe, F, et al
2015	Chronic Exposure to TNF α Impairs Secretion of Glucagon-Like Peptide-1	Endocrinology	3950-3960		11	10.1210/en.2015-1361#sthash.q3Z7yaH9.dpuf	Gagnon, J. et al.
2015	Chronic mild stress and imipramine treatment elicit opposite changes in behavior and in gene expression in the mouse prefrontal cortex	Pharmacology Biochemistry and Behavior	227-236	135	N/A	10.1016/j.pbb.2015.06.001	Erburu et al.
2015	Chronic stress and antidepressant induced changes in Hdac5 and Sirt2 affect synaptic plasticity	Eur Neuropsychopharmacol.	2036-48	25	11	26433268	Tordera et al
2015	Clinical significance of SNORA42 as an oncogene and a prognostic biomarker in colorectal cancer.	Gut (2015): gutjnl-2015		10	1136	26475630	Okugawa, Yoshinaga, et al.
2015	Clinicopathological significance of cancer stem-like cell markers in high-grade neuroendocrine carcinoma of the lung	Journal of Cancer Research and Clinical Oncology	2121-2130	141	12	10.1007/s00432-015-1985-3	Morise, M; et al
2015	Colletotrichum gloeosporioides ss is a pathogen of leaf anthracnose on evergreen spindle tree (<i>Euonymus japonicus</i>)	Plant Disease				10.1094/PDIS-07-15-0740-RE	Huang, L et al.
2015	Combination immunotherapy with α -CTLA-4 and α -PD-L1 antibody blockade prevents immune escape and leads to complete control of metastatic osteosarcoma	Journal for ImmunoTherapy of Cancer		3	21	10.1186/s40425-015-0067-z	Lussier DM et al
2015	Coordination of self-renewal in glioblastoma by integration of adhesion and microRNA signaling	Neuro-oncology				10.1093/neuonc/nov196	Alvaro et al.
2015	Cytometric analysis, genetic manipulation and antibiotic selection of the snail embryonic cell line Bge from <i>Biomphalaria glabrata</i> , the intermediate host of <i>Schistosoma mansoni</i>	International Journal of Parasitology	527-535	45	8	10.1016/j.ijpara.2015.02.012	Rinaldi G et al
2015	Cytosolic 5' nucleotidase 1A is a common target of circulating autoantibodies in several autoimmune diseases	Arthritis Care & Research	2151-4658	N/A	N/A	10.1002/acr.22600	Mammen, A.L. et al.

2015	De Novo–Developed Antibodies to Donor MHC Antigens Lead to Dysregulation of MicroRNAs and Induction of MHC Class II	The Journal of Immunology	pg. 6133-6143	194	12	10.4049/jimmunol.1401848	Xu et al.
2015	Development of a Fluorescent Reporter System to Delineate Cancer Stem Cells in Triple-Negative Breast Cancer	Stem Cells				10.1002/stem.2021	Thiagarajan et al.
2015	Differential Induction of Type I and Type III Interferons by Swine and Human Origin H1N1 Influenza A Viruses in Porcine Airway Epithelial Cells	PloS One				10.1371/journal.pone.0138704	Venkatraman a et al.
2015	Differential Subcellular Localization of Leishmania Alba-Domain Proteins throughout the Parasite Development	PloS one	e0137243	10	9	10.1371/journal.pone.0137243	Dupé, Aurélien, Carole Dumas, and Barbara Papadopoulos
2015	Distributions of CYP19, Era and PGR Allele Frequencies between Fertile and Subfertile Holstein-Friesian Heifers	Kafkas Univ Vet Fak Derg	893-898	21	6	10.9775/kvfd.2015.13827	GÜMEN, A. et al.
2015	Down-Regulation of miR-23b Induces Phenotypic Switching of Vascular Smooth Muscle Cells in vitro and in vivo	Cardiovascular Research	522-533	107	4	http://dx.doi.org/10.1093/cvr/cvv141	Laconetti, C ; et al
2015	Early and Late G1/S Cyclins and Cdks Act Complementarily to Enhance Authentic Human β -Cell Proliferation and Expansion	Diabetes	3485-3498	64	10	10.2337/db14-1885	Tiwari,S; et al
2015	Early growth response 1 (Egr-1) directly regulates GABAA receptor α 2, α 4, and θ subunits in the hippocampus	Journal of Neurochemistry	489-500	133	4	10.1111/jnc.13077	Kim, H. et al.
2015	Effect of Metformin, Rapamycin and Their Combination on Growth and Progression of Prostate Tumors in HiMyc Mice	Cancer Prev Res (Phila)	597-606	8	7	10.1158/1940-6207.CAPR-15-0014	DiGiovanni J . et al.
2015	Effective Antisense Design Using An Ensemble of Energetically Sub-Optimal Secondary mRNA Structures	University of Connecticut - Storrs UNIVERSITY SCHOLAR PROJECTS					DiVenere, Andrea M.
2015	Efficacy of favipiravir (T-705) in rabies post-exposure prophylaxis	J Infect Dis	N/A	N/A	N/A	10.1093/infdis/jiv586	Nishizono, A. et al.
2015	Efficient analyses of DNA double-strand breaks and the cell cycle in the secretory epithelial cells of fallopian tube fimbriae	Tzu Chi Medical Journal	pg 102-106	27	3	http://dx.doi.org/10.1016/j.tcmj.2015.05.004	Huang et al.
2015	Encapsidation of Host RNAs by Cucumber Necrosis Virus Coat Protein during both Agroinfiltration and Infection	Journal of Virology	10748-10761	89	21	10.1128/JVI.01466-15	Ghoshal, K; et al
2015	Enhanced cytotoxicity of nitidine against camptothecin-resistant A549 cells	Traditional & Kampo Medicine	N/A	1	8	10.1002/tkm2.1036	Taira, N., Iwasaki, H., Inafuku, M., Saitoh, S. and Oku, H
2015	Enhanced T-Cell Immunity to Osteosarcoma Through Antibody Blockade of PD-1/PD-L1 Interactions	Journal of Immunotherapy	pg. 96-106	38	3	10.1097/CJI.0000000000000065	Lussier et al.
2015	Epigenetic basis of opiate suppression of Bdnf gene expression in the ventral tegmental area	Nature Neuroscience	pg. 415-422	18	3	10.1038/nn.3932	Koo et al.
2015	Equine Herpesvirus Type 1 Enhances Viral Replication in CD172a+ Monocytic Cells upon Adhesion to Endothelial Cells	Journal of Virology	10912-10923	89	21	10.1128/JVI.01589-15	Nauwynck, H.J. et al.
2015	ER Quality Control Components UGGT and STT3a Are Required for Activation of Defense Responses in Bir1-1	PLoS one	e0120245	10	3	10.1371/journal.pone.0120245	Zhang, Y. et al.
2015	ErbB4 Activated p38 γ MAPK Isoform Mediates Early Cardiogenesis Through NKx2.5 in Human Pluripotent Stem Cells	Stem Cells				10.1002/stem.2223	Ramachandra et al.
2015	Erosion of the chronic myeloid leukaemia stem cell pool by PPAR γ agonists	Nature	pg. 380-383	525	7569	10.1038/nature15248	Prost et al.

2015	Ex vivo evaluation of acellular and cellular collagen-glycosaminoglycan flowable matrices	Biomed Materials		10	4	http://dx.doi.org/10.1088/1748-6041/10/4/041001	Hodgkinson. T., et al
2015	Excess Linoleic Acid Increases Collagen I/III Ratio and “Stiffens” the Heart Muscle Following High Fat Diets	J Biol Chem	23371-84	290	38	26240151	Ghosh et al
2015	Feasibility Investigation of Cellulose Polymers for Mucoadhesive Nasal Drug Delivery Applications	Molecular Pharmaceutics	2732-2741	12	8	26097994	Hansen, K; et al
2015	First report of Fusarium proliferatum causing root rot in soybean (Glycine max L.) in Canada	Crop Protection	52-58	67		10.1016/j.cropro.2014.09.020	Gossen,B.D. et al.
2015	Functional analysis of the 11q23.3 glioma susceptibility locus implicates PHLDB1 and DDX6 in glioma susceptibility	Scientific Reports	17367	5		10.1038/srep17367	Baskin, R., et al.
2015	Gallic Acid Exhibits Risks of Inducing Muscular Hemorrhagic Liposis and Cerebral Hemorrhage—Its Action Mechanism and Preventive Strategy	Phytotherapy Research	267-280	29	2	10.1002/ptr.5249	Hsieh, C. et al.
2015	Genetic diversity and population structure of common bean (Phaseolus vulgaris L.) accessions through retrotransposon-based interprimer binding sites (iPBSs) markers	Turkish Journal of Agriculture and Forestry	940-948	39		10.3906/tar-1505-59	TANYOLA Ç, M. et al.
2015	Genetic relationships among four Turkish sheep breeds using microsatellites Onur Yılmaz, Tamer Sezenler 2, Semih Sevim 2, İbrahim Cemal, Orhan 2	Turkish Journal of Veterinary and Animal Sciences	576-582	39	5	10.3906/vet-1411-46	Yilmaz, O. et al.
2015	Ghrelin is a novel regulator of GLP-1 secretion	Diabetes	1513-1521		5	10.2337/db14-1176	Gagnon, J. et al.
2015	Glycyrrhizic acid attenuates stem cell-like phenotypes of human dermal papilla cells	Phytomedicine	1269-1278	22	14	10.1016/j.phymed.2015.11.002	Chayanin Kiratipaiboon
2015	Hairless Up Regulates Tgf β 2 Expression via Down Regulation of miR 31 in the Skin of “Hairpoor”(HrHp) Mice	J. Cell. Physiol	2075–2085	230	N/A	10.1002/jcp.24935	Kim, B.-K. and Yoon, S. K
2015	HMGB1 Promotes Mitochondrial Dysfunction–Triggered Striatal Neurodegeneration via Autophagy and Apoptosis Activation	PLoS One	ePub			10.1371/journal.pone.0142901	Qi L et al
2015	Hsp70-1: upregulation via selective phosphorylation of heat shock factor 1 during coxsackieviral infection and promotion of viral replication via the AU-rich element	Cellular and Molecular Life Sciences	42387			10.1007/s00018-015-2036-6	Qiu, Y; et al
2015	Identification of functional leptin receptors expressed in ventricular mitochondria	Molecular and Cellular Biochemistry	155-162	408	1	10.1007/s11010-015-2491-2	Martinez-Abundis, E. et al.
2015	IKK ϵ negatively regulates RIG-I via direct phosphorylation	Journal of Medical Virology				10.1002/jmv.24376	Zhang, X. et al.
2015	IL-1 Gene Deletion Protects Oligodendrocytes after Spinal Cord Injury through Upregulation of the Survival Factor Tox3	The Journal of Neuroscience	10715–10730	35	30	10.1523/JNEUROSCI.0498-15.2015	Bastien et al.
2015	IL-6 signaling promotes DNA repair and prevents apoptosis in CD133+ stem-like cells of lung cancer after radiation	Radiation Oncology		10	227	10.1186/s13014-015-0534-1	Chen et al.
2015	Immortalized Mouse Floxed Fam20c Dental Papillar Mesenchymal and Osteoblast Cell Lines Retain Their Primary Characteristics	Journal of Cellular Physiology	pg. 2581-2587	230	11	10.1002/jcp.25008	Liu et al.
2015	In vivo capture and label-free detection of early metastatic cells	Nature Communications		6	8094 (article #)	10.1038/ncomms9094	Azarin et al.
2015	Inflammation associated upregulation of the sulfated steroid transporter Slc10a6 in mouse liver and macrophage cell lines	Hepatology Research				DOI: 10.1111/hepr.12609	Kosters, A et al.
2015	Influence of Lentiviral β -Synuclein Overexpression in the Hippocampus of a Transgenic Mouse Model of Alzheimer's Disease on Amyloid Precursor Protein Metabolism and Pathology	Neurodegener Dis	243-57	15	4	10.1159/000430952	Windisch M. et al.
2015	Inhibition of Lipid Oxidation Increases Glucose Metabolism and Enhances 2-Deoxy-2-[18F]Fluoro-d-Glucose Uptake in Prostate Cancer Mouse Xenografts	Molecular Imaging and Biology	529-538	17	4	10.1007/s11307-014-0814-4	Schlaepfer et al.
2015	Insulin Receptor Substrate-1 Activation Insulin Receptor Substrate-1 Activation Mediated p53 Downregulation Protects Against Hypoxic-Ischemia in the Neonatal Brain	Molecular Neurobiology	p.1-12			10.1007/s12035-015-9300-5	Tu, YF; et al

2015	Integrative Analyses of Human Reprogramming Reveal Dynamic Nature of Induced Pluripotency	Cell	pg. 412-424	162	2	10.1016/j.cell.2015.06.016	Cacchiarelli et al.
2015	Interactions of Francisella tularensis with Alveolar Type II Epithelial Cells and the Murine Respiratory Epithelium	PLOS one				10.1371/journal.pone.0127458	Faron, M. et al.
2015	IRF2BP2 Reduces Macrophage Inflammation and Susceptibility to Atherosclerosis	Circulation Research	pg. 671-683	117	8	10.1161/CIRCRESAHA.114.305777	Chen et al.
2015	Knockdown of hTERT and Treatment with BIBR1532 Inhibit Cell Proliferation and Invasion in Endometrial Cancer Cells	Journal of Cancer	1337-1345	6	12	10.7150/jca.13054	Ainsua-Enrich E et al
2015	Lack of the nucleoside transporter ENT1 results in the Augustine-null blood type and ectopic mineralization.	Blood Journal	N/A	N/A	N/A	http://dx.doi.org/10.1182/blood-2015-03-631598	Arnaud, L. et al.
2015	Large-scale production of lentiviral vector in a closed system hollow fiber bioreactor	Molecular Therapy: Methods and Clinical Development	pg. 1-7	2		10.1038/mtm.2015.20	Sheu, J. et al.
2015	Leptin activates chicken growth hormone promoter without chicken STAT3 in vitro	Comp Biochem Physiol B Biochem Mol Biol.	46-52.	191	N/A	26403688	Ohkubo et al
2015	Liver myeloid-derived suppressor cells expand in response to liver metastases in mice and inhibit the anti-tumor efficacy of anti-CEA CAR-T	Cancer Immunology, Immunotherapy	pg. 817-829	64	7	10.1007/s00262-015-1692-6	Burga et al.
2015	Long noncoding RNA MALAT1 promotes brain metastasis by inducing epithelial-mesenchymal transition in lung cancer	Journal of Neuro-Oncology	101-109	121		10.1007/s11060-014-1613-0	Shen L et al
2015	Loss of FOXO1 promotes gastric tumour growth and metastasis through upregulation of human epidermal growth factor receptor 2/neu expression	British Journal of Cancer	pg. 1186-1196	113	8	10.1038/bjc.2015.273	Ko et al.
2015	Massively parallel high-order combinatorial genetics in human cells	Nature biotechnology	pg. 952-961	33	9	10.1038/nbt.3326	Wong et al.
2015	Mesenchymal stromal cells support endothelial cell interactions in an intramuscular islet transplantation model	Regenerative Medicine Research		3	1	10.1186/s40340-015-0010-9	Fransson et al.
2015	MicroRNA expression profiles in human adipose-derived stem cells during chondrogenic differentiation	International Journal of Molecular Medicine	pg. 579-586	35	3	10.3892/ijmm.2014.2051	Yang, Z. et al.
2015	MicroRNA-203 negatively regulates c-Abl, ERK1/2 phosphorylation, and proliferation in smooth muscle cells	Physiological Reports	e12541	3	9	10.14814/phy2.12541	Liao, G; et al
2015	MicroRNA-222 regulates MMP-13 via targeting HDAC-4 during osteoarthritis pathogenesis	BBA Clinical	pg. 79-89	3		10.1016/j.bbacli.2014.11.009	Song et al.
2015	MicroRNA-381 Negatively Regulates TLR4 Signaling in A549 Cells in Response to LPS Stimulation	BioMed Research International		2015		http://dx.doi.org/10.1155/2015/849475	Xu, Z. et al
2015	MicroRNA-455 regulates brown adipogenesis via a novel HIF1an-AMPK-PGC1 α signaling network	EMBO Reports	pg. 1378-1393	16	10	10.15252/embr.201540837	Zhang et al.
2015	miR-122 decreases HCV entry into hepatocytes through binding to the 3' UTR of OCLN mRNA	Liver International	pg. 1315-1323	35	4	10.1111/liv.12698	Sendi et al.
2015	miR-155 regulative network in FLT3 mutated acute myeloid leukemia	Leukemia Research	pg. 883-896	39	8	10.1016/j.leukres.2015.04.017	Salemi et al.
2015	miR-203 Functions as a Tumor Suppressor by Inhibiting Epithelial to Mesenchymal Transition in Ovarian Cancer	Journal of Cancer Science and Therapy	pg. 34-43	7	2	10.4172/1948-5956.1000322	Zhao et al.
2015	miR 330 5p inhibits proliferation and migration of keratinocytes by targeting Pdia3 expression	FEBS Journal	1742-4658	282	24	10.1111/febs.13523	Bong-Kyu et al
2015	miR-370 and miR-373 regulate the pathogenesis of osteoarthritis by modulating one-carbon metabolism via SHMT-2 and MECP-2, respectively	Aging Cell	pg. 826-837	14	5	10.1111/accel.12363	Song, J. et al.
2015	miR-509 suppresses brain metastasis of breast cancer cells by modulating RhoC and TNF- α	Oncogene	4890-4900	34	-	10.1038/onc.2014.412	Xing, F. et al
2015	Mitochondrial m-calpain opens the mitochondrial permeability transition pore in ischemia-reperfusion	International Journal of Cardiology	26-32	197	N/A	10.1016/j.ijcard.2015.06.010	Yoshida, K. et al.

2015	Mitophagy defects arising from BNip3 loss promote mammary tumor progression to metastasis	EMBO Reports	pg. 1145-1163	16	9	10.15252/embr.201540759	Chourasia et al.
2015	Monocyte Stabilin-1 Suppresses the Activation of Th1 Lymphocytes	The Journal of Immunology	ePub			10.4049	Palani S et al
2015	Motor, Visual and Emotional Deficits in Mice after Closed-Head Mild Traumatic Brain Injury Are Alleviated by the Novel CB2 Inverse Agonist SMM-189	Int. J. Mol. Sci.	758-787	16	1	10.3390/ijms16010758	Reiner, A. et al.
2015	Mutagenic, surviving and tumorigenic effects of follicular fluid in the context of p53 loss: initiation of fimbria carcinogenesis	Carcinogenesis	Pg. 1419-1428	36	11	10.1093/carcin/bgv132	Huang et al.
2015	Mutation in mitochondrial ribosomal protein S7 (MRPS7) causes congenital sensorineural deafness, progressive hepatic and renal failure and lactic acidemia	Human Molecular Genetics	pg. 2297-2307	24	8	10.1093/hmg/ddu747	Menezes et al.
2015	MYBD employed by HY5 increases anthocyanin accumulation via repression of MYBL2 in Arabidopsis	The Plant Journal				10.1111/tpj.13077	Nguyen, N. et al.
2015	MYCBP2 Is a Guanosine Exchange Factor for Ran Protein and Determines Its Localization in Neurons of Dorsal Root Ganglia			290	42	26304119	Dörr, Angela, et al.
2015	Myocardial Hypertrophic Remodeling and Impaired Left Ventricular Function in Mice with a Cardiac-Specific Deletion of Janus Kinase 2	The American Journal of Pathology	3202–3210	185	12	10.1016/j.ajpath.2015.08.007	Gan, X. et al.
2015	Nanoparticle facilitated inhalational delivery of erythropoietin receptor cDNA protects against hyperoxic lung injury	Nanomedicine	1549-9634			DOI: 10.1016/j.nano.2015.10.004.	Ravikumar, P et al .
2015	Nanoporous surface topography enhances bone cell differentiation on Ti–6Al–7Nb alloy in bone implant applications	Journal of Alloys and Compounds	124-132	643	1	10.1016/j.jallcom.2015.01.019	Huang, H.H. et al.
2015	New insights on the interaction between the isoforms 1 and 2 of human translation elongation factor 1A	Biochimie	42376	118	N/A	10.1016/j.biochi.2015.07.021	Lamberti, A. et al.
2015	Novel 3'-Processing Integrase Activity Assay by Real-Time PCR for Screening and Identification of HIV-1 Integrase Inhibitors	BioMed Research International	N/A	N/A	N/A	http://dx.doi.org/10.1155/2015/853891	Tayapiwatan a, C., et al.
2015	Novel roles for LIX1L in promoting cancer cell proliferation through ROS1-mediated LIX1L phosphorylation	Scientific Reports	Article number: 13474	5		10.1038/srep13474	Nakamura, S; et al
2015	Nuclear import mechanism of neurofibromin for localization on the spindle and function in chromosome congression	Journal of Neurochemistry				10.1111/jnc.13401	Koliou et al.
2015	Overexpression of MACC1 and the association with hepatocyte growth factor/c-Met in epithelial ovarian cancer	Oncology Letter	1989-1996	9	5	10.3892/ol.2015.2984	Liu, X. et al
2015	Oxidative stress attenuates lipid synthesis and increases mitochondrial fatty acid oxidation in hepatoma cells infected with hepatitis C virus	J Biol Chem	N/A	N/A	N/A	26627833	Kneteman et al.
2015	p16 Gene Transfer Induces Centrosome Amplification and Abnormal Nucleation Associated with Survivin Downregulation in Glioma Cells	Pathobiology	42377	82	1	10.1159/000368196	Kurisu K. et al.
2015	PBMC and exosome-derived Hotair is a critical regulator and potent marker for rheumatoid arthritis	Clinical and Experimental Medicine	pg. 121-126	15		10.1007/s10238-013-0271-4	Song, J et al.
2015	PCGEM1 stimulates proliferation of osteoarthritic synoviocytes by acting as a sponge for miR-770	Journal of Orthopaedic Research				10.1002/jor.23046	Kang, Y et al.
2015	PDGFB-based stem cell gene therapy increases bone strength in the mouse	PNAS	E3893-E3900	112	29	10.1073/pnas.1501759112	Chen et al.
2015	Phosphorylation of Hsp25 at serine 15 is promoted in immature fibers following in situ muscle contraction	J Phys Fitness Sports Med	231-239	4	2	10.7600/jpfs.4.231	Kawano F, et al
2015	Pituitary tumor transforming gene PTTG2 induces psoriasis by regulating vimentin and E-cadherin expression	International Journal of Clinical and Experimental Pathology	pg. 10887-10893	8	9	4637618	Liu et al.
2015	Pluripotency Transcription Factor Oct4 Mediates Stepwise Nucleosome Demethylation and Depletion	Molecular and Cellular Biology	pg 1014-1025	35	6	10.1128/MCB.01105-14	Shakya et al.

2015	Polygenic Risk Scores, Transcriptomics, and Molecular Mechanisms of Alzheimer's Disease Related Risk Genes	Phd Dissertation (University of Eastern Finland: Dissertations in Health Sciences)		306		http://epublications.uef.fi/pub/urn_isbn_978-952-61-1926-7/urn_isbn_978-952-61-1926-7.pdf	Martiskainen, H.
2015	POST-TRANSLATIONAL REGULATION OF ZEB1 CONTRIBUTES TO TGFβ-MEDIATED EMT	University of Texas Graduate School of Biomedical Sciences: Master's Thesis			Paper 591		Roxsan, M.
2015	Potent antitumor effect of neurotensin receptor-targeted oncolytic adenovirus co-expressing decorin and Wnt antagonist in an orthotopic pancreatic tumor model	Journal of controlled release	766–782	220	Part B	DOI: 10.1016/j.jconrel.2015.10.015.	Na, Y <i>et al.</i>
2015	Potential role of 8-oxoguanine DNA glycosylase 1 as a STAT1 coactivator in endotoxin-induced inflammatory response	Free Radical Biology and Medicine				10.1016/j.freeradbiomed.2015.10.415	Kim, H. <i>et al.</i>
2015	Pregestational Diabetes Induces Fetal Coronary Artery Malformation via Reactive Oxygen Species Signaling	Diabetes	1431-1443	64	4	10.2337/db14-0190	Moazzen, H. <i>et al.</i>
2015	Preservation of tumor-host immune interactions with luciferase-tagged imaging in a murine model of ovarian cancer	Journal for ImmunoTherapy of Cancer		3	16	10.1186/s40425-015-0060-6	Liao <i>et al.</i>
2015	Production of Cloned Miniature Pigs Expressing High Levels of Human Apolipoprotein (a) in Plasma	PLoS ONE 10	e0132155	10	7	10.1371/journal.pone.0132155	Ogawa J, <i>et al.</i>
2015	Promoting differentiation and survival of human ckit+cardiac progenitor cells ex vivo.	Phd Dissertation (University of Louisville)				http://ir.library.louisville.edu/etd/2228/	Al-Maqtari, T. <i>et al.</i>
2015	Pyruvate Dehydrogenase Kinase 4 Promotes Vascular Calcification via SMAD1/5/8 Phosphorylation	Scientific reports	N/A	5	N/A	10.1038/srep16577	Lee, S.J., <i>et al.</i>
2015	Recombinant Human Laforin Expressed in Insect Cells: Expression, Purification, and Biochemical Characterizations	Journal of the Korean Chemical Society	466-470	59	5	10.5012/jkcs.2015.59.5.466	Won, Y.S., <i>et al.</i>
2015	Regulation of CD44E by DARPP-32-dependent activation of SRp20 splicing factor in gastric tumorigenesis	Oncogene	pg. 1-10			10.1038/onc.2015.250	Zhu <i>et al.</i>
2015	Regulation of mTOR Signaling by Semaphorin 3F-Neuropilin 2 Interactions In Vitro and In Vivo	Nature		5		10.1038/srep11790	Nakayama, H. <i>et al.</i>
2015	Regulation of NKT cell-mediated immune responses to tumours and liver inflammation by mitochondrial PGAM5-Drp1 signalling	Nature communications		6	8371	26381214	Kang, Young Jun, <i>et al.</i>
2015	Relationship of plasma cell free DNA level with mortality and prognosis in patients with Crimean Congo hemorrhagic fever	Journal of Medical Virology				10.1002/jmv.24446	Bakir, M. <i>et al.</i>
2015	Requisite Role for Nck Adaptors in Cardiovascular Development, Endothelial-to-Mesenchymal Transition, and Directed Cell Migration	Molecular and cellular biology	1573-1587	35	9	10.1128/MCB.00072-15	Clouthier, D. L., <i>et al.</i>
2015	Resources for the comprehensive discovery of functional RNA elements	Preprint				http://dx.doi.org/10.1101/030486	Sundararaman <i>et al.</i>
2015	Resveratrol Induces Glioma Cell Apoptosis through Activation of Tristetraprolin.	Molecules and Cells	991-997	38	11	10.14348/molcells.2015.0197	Ryu, J. <i>et al.</i>
2015	Ribozyme-enhanced single-stranded Ago2-processed interfering RNA triggers efficient gene silencing with fewer off-target effects	Nature Communications		6	8430	10.1038/ncomms9430	Shang <i>et al.</i>
2015	RUTBC1 Functions as a GTPase-activating Protein for Rab32/38 and Regulates Melanogenic Enzyme Trafficking in Melanocytes	Journal of Biological Chemistry	jbc-M115	N/A	N/A	10.1074/jbc.M115.684043	Marubashi, S. <i>et al.</i>
2015	SATB1 Promotes Pancreatic Cancer Growth and Invasion Depending on MYC Activation	Digestive disease and sciences	3304-3317	60	11	10.1007/s10620-015-3759-9	Chen, Z. <i>et al.</i>
2015	Serine Protease Activation Essential for Endothelial-Mesenchymal Transition in Vascular Calcification	Circulation Research	pg. 758-769	117	9	10.1161/CIRCRESAHA.115.306751	Yao <i>et al.</i>
2015	Sestrin2 inhibits mTORC1 through modulation of GATOR complexes	Scientific Reports	Article Number 9502	5	9502	10.1038/srep09502	Kim JS <i>et al.</i>
2015	SETD1A modulates cell cycle progression through a miRNA network that regulates p53 target genes	Nature Communications		6	8257	10.1038/ncomms9257	Tajima <i>et al.</i>

2015	Short chain fatty acids potently induce latent HIV-1 in T-cells by activating P-TEFb and multiple histone modifications	Virology	pg. 65-81	474		10.1016/j.virol.2014.10.033	Das et al.
2015	Small GTPase Rab2B and Its Specific Binding Protein Golgi-associated Rab2B Interactor-like 4 (GARI-L4) Regulate Golgi Morphology	The Journal of Biological Chemistry	22250-22261	290	N/A	10.1074/jbc.M115.669242	Megumi Aizawa and Mitsunori Fukuda
2015	Sonic hedgehog-responsive lipoygenases and cyclooxygenase-2 modulate Dectin-1-induced inflammatory cytokines	Molecular Immunology	280-289	68	2A	10.1016/j.molimm.2015.09.013	Karnam, A. et al.
2015	Splicing-Dependent Trans-synaptic SALM3–LAR-RPTP Interactions Regulate Excitatory Synapse Development and Locomotion	Cell Reports	pg. 1618-1630	12	10	10.1016/j.celrep.2015.08.002	Li et al.
2015	Sponge-mediated lentivirus delivery to acute and chronic spinal cord injuries	Journal of Controlled Release	pg. 1-10	204		10.1016/j.jconrel.2015.02.032	Thomas, A et al.
2015	Stimulation of Proliferation and Migration of Mouse Macrophages by Type B CpG-ODNs Is F-Spondin and IL-1Ra Dependent	PLoS one	e0128926	10	6	10.1371/journal.pone.0128926	Chen, T. et al.
2015	Structure-Function Analyses of the Small GTPase Rab35 and Its Effector Protein Centaurin-β2/ACAP2 during Neurite Outgrowth of PC12 Cells	The Journal of Biological Chemistry	9064-9074	290	N/A	10.1074/jbc.M114.611301	Kan Etoh and Mitsunori Fukuda
2015	Suppression of Arabidopsis AtPUB30 resulted in increased tolerance to salt stress during germination	Plant Cell Reports	277-289	34	2	10.1007/s00299-014-1706-4	Kim, W.T. et al.
2015	Suppression of OsKu80 results in defects in developmental growth and increased telomere length in rice (Oryza sativa L.)	Biochem Biophys Res Commun	857-862	468	4	26590017	Kim et al
2015	Survivin silencing and TRAIL expression using oncolytic adenovirus increase anti-tumorigenic activity in gemcitabine-resistant pancreatic cancer cells	Apoptosis	42383	20	177	10.1007/s10495-015-1208-z	Han, Z., et al.
2015	Syndecan-4 is a key determinant of collagen cross-linking and passive myocardial stiffness in the pressure-overloaded heart	Cardiovascular Research	217-226	106	2	http://dx.doi.org/10.1093/cvr/cvv002	Herum, K.M; et al
2015	Targeting the MicroRNA Passenger Strand for Regulating Therapeutic Transgenes	Nucleic Acid Therapeutics	209-218	25	4	10.1089/nat.2015.0543	Jin, K. et al.
2015	Targeting Tyrosine Kinase Inhibitor-Insensitive CML Stem/Progenitor Cells by Effective Inhibition of a Novel PP2A-AHI-1-BCR-ABL-JAK2 Complex	Master Thesis (University of British Columbia)				https://open.library.ubc.ca/cIRcle/collections/ubctheses/24/items/1.0166619	Lai, D.
2015	Taurine zinc solid dispersions attenuate doxorubicin-induced hepatotoxicity and cardiotoxicity in rats	Toxicology and Applied Pharmacology	42380	289	1	10.1016/j.taap.2015.08.017	Xu, D. et al.
2015	The action of HIF-3a variants on HIF-2a–HIF-1β heterodimer formation is directly probed in live cells	Experimental Cell Research	329-337	336	2	10.1016/j.yexcr.2015.06.017	Kim,S.Y. et al.
2015	The Adaptor 3BP2 Is Required for KIT Receptor Expression and Human Mast Cell Survival	The Journal of Immunology	pg. 4309-4318	194	9	10.4049/jimmunol.1402887	Ainsua-Enrich et al.
2015	The cleavage pattern of TDP-43 determines its rate of clearance and cytotoxicity	Nature Communications		6	6183	10.1038/ncomms7183	Li et al.
2015	The Combination of Tet1 with Oct4 Generates High-Quality Mouse-Induced Pluripotent Stem Cells	Stem Cells	686-698	33	3	10.1002/stem.1879	Gao, S. et al.
2015	The construction and proliferative effects of a lentiviral vector capable of stably overexpressing SPINK1 gene in human pancreatic cancer AsPC-1 cell line	Tumor Biology	pg. 1-9		Nov. 19 2015	10.1007/s13277-015-4405-z	Zhang, J.; et al.
2015	The construction and proliferative effects of a lentiviral vector capable of stably overexpressing SPINK1 gene in human pancreatic cancer AsPC-1 cell line	Tumor Biol.				10.1186/s13046-015-0258-y	Suri, A. et al.
2015	The Epigenetic Regulation of SOX9 by miR-145 in Human Chondrosarcoma	Journal of Cellular Biochemistry	pg. 37-44	116	1	10.1002/jcb.24940	Mak, I et al.
2015	The Generation of Insulin Producing Cells from Human Mesenchymal Stem Cells by MiR-375 and Anti-MiR-9	PLoS One		10	6	4457856	Jafarian et al.
2015	The Hippo/YAP pathway interacts with EGFR signaling and HPV oncoproteins to regulate cervical cancer progression	EMBO Molecular Medicine	pg. 1426-1449	7	11	10.15252/emmm.201404976	He et al.
2015	The PI3K inhibitor GDC-0941 displays promising in vitro and in vivo efficacy for targeted medulloblastoma therapy	Oncotarget	pg. 802-813	6	2	4359256	Ehrhardt et al.

2015	The Quorum Sensing Regulator CinR Hierarchically Regulates Two Other Quorum Sensing Pathways in Ligand-Dependent and -Independent Fashions in <i>Rhizobium etli</i>	Journal of Bacteriology	1573-1581	197	9	10.1128/JB.00003-15	Zhu, J. et al.
2015	The Role of MicroRNAs and Human Epidermal Growth Factor Receptor 2 in Proliferative Lupus Nephritis	Arthritis and Rheumatology	pg. 2415-2426	67	9	10.1002/art.39219	Costa-Reis et al.
2015	Theaflavins enhance intestinal barrier of Caco-2 Cell monolayers through the expression of AMP-activated protein kinase-mediated Occludin, Claudin-1, and ZO-1	Bioscience, Biotechnology, and Biochemistry	N/A	79	1	10.1080/09168451.2014.951027	Matsui ^a , T. et al.
2015	Transcriptional regulation of fibronectin by p21-activated kinase-1 modulates pancreatic tumorigenesis	Oncogene	pg. 455-464	34	4	10.1038/onc.2013.576	Jagadeeshan et al.
2015	Transcriptional repression by the HDAC4–RelB–p52 complex regulates multiple myeloma survival and growth	Nature Communications		6	8428	10.1038/ncomms9428	Vallabhabpurapu et al.
2015	Two novel DXZ4-associated long noncoding RNAs show developmental changes in expression coincident with heterochromatin formation at the human (<i>Homo sapiens</i>) microsatellite repeat	Chromosome Res	733-752	23		10.1007/s10577-015-9479-3	Chadwick B.P. et al.
2015	Ubiquitin Ligase TRIM62 Regulates CARD9-Mediated Anti-fungal Immunity and Intestinal Inflammation	Immunity	pg. 715-726	43	4	http://dx.doi.org/10.1016/j.immuni.2015.10.005	Cao et al.
2015	Unexpected requirement for a binding partner of the syntaxin family in phagocytosis by murine testicular Sertoli cells	Cell Death & Differentiation		10	1038	26494466	Dong, Ys, et al
2015	Use-Dependent Activation of Neuronal Kv1. 2 Channel Complexes	J Neurosci	3515-24	35	8	25716850	Kurata et al
2015	Utilization of inherent miRNAs in functional analyses of <i>Toxoplasma gondii</i> genes	J Microbiol Methods	92-102	108		25479428	Ananvoranich et al
2015	Vitronectin promotes the progress of the initial differentiation stage in cerebellar granule cells	Molecular and Cellular Neuroscience	76-85	70	N/A	10.1016/j.mcn.2015.11.013	Hashimoto et al.
2015	Whole genome sequencing enables the characterization of BurI, a LuxI homologue of <i>Burkholderia cepacia</i> strain GG4	PeerJ		284		DOI: 10.7717/peerj.1117	How KY et al
2015	Yeast model identifies ENTPD6 as a potential non-obstructive azoospermia pathogenic gene	Nature				10.1038/srep11762	Li, W. et al.
2015	ZFP521 contributes to pre-B-cell lymphomagenesis through modulation of the pre-B-cell receptor signaling pathway	Oncogene		10	1038	26522721	Hiratsuka, T., et al
2014	15-Deoxy- $\Delta^{12,14}$ -prostaglandin I ₂ induces PPAR γ - and p53-independent apoptosis in rabbit synovial cells	Prostaglandins Other Lipid Mediat.	42382	109-111		24680891	Sakaba, Y; et al.
2014	A Genome-Wide RNAi Screen Identifies FOXO4 as a Metastasis-Suppressor through Counteracting PI3K/AKT Signal Pathway in Prostate Cancer	PLOS ONE		9	7	24983969	Su, B; et al.
2014	A long non-coding RNA, GAS5, plays a critical role in the regulation of miR-21 during osteoarthritis	J. of Orthopaedic Research	1628-1635	32	12	25196583	Song, J; et al
2014	A new generation of topical chronic wound treatments containing specific MMP inhibitors	Chronic Wound Care Manage. and Research	31-40	20141		10.2147/CWCMR.S59946	Shrivastava, R; et al
2014	A Panel of Serum Biomarkers Differentiates IgA Nephropathy from Other Renal Diseases	PLOS One		9	5	24858067	Yanagawa, H; et al.
2014	A Selective USP1-UAF1 inhibitor links debiquitination to DNA damage responses	Nat. Chem. Biol.	298-304	10	4	24531842	Liang, Q; et al.
2014	A short interfering RNA molecular beacon for the attenuation of mycobacterial infection	American J. of Biochem. and Biotechnology	40-49	10	1	10.3844/ajbbsp.2014.40.49	George, R; et al
2014	A new synthetic 2'-hydroxy-2,4,6-trimethoxy-5',6'-naphthochalcone induces G2/M cell cycle arrest and apoptosis by disrupting the microtubular network of human colon cancer cells.	Cancer Letters	348-354	354	2	25193463	Lee, JM; et al
2014	Activation of β -catenin signalling by TFF1 loss promotes cell proliferation and gastric tumorigenesis	Gut				25107557	Soutto, M; et al.
2014	Adiponectin fine tuning of liver regeneration dynamics revealed through cellular network modeling	The Journal of Physiology	365-383	593	2	25384784	Correnti, JM; et al

2014	Alteration of angiogenesis in Helicobacter heilmannii-induced mucosa-associated lymphoid tissue lymphoma Interaction with c-Met and hepatocyte growth factor	J. of Gastroentero. and Hepatology	70-76	29	Suppl . 4	25521737	Nakamura, M; et al
2014	Alternative transcription generates multiple Mitf isoforms with different expression patterns and activities in medaka	Pigment Cell Melanoma Res	48-58	27	1	24118994	Li, M; et al.
2014	An Alba-domain protein contributes to the stage-regulated stability of amastin transcripts in Leishmania	Mol. Microbiol.	548-61	91	3	24620725	Dupé, A; et al.
2014	Angiotensin II induces mitochondrial oxidative stress and mtDNA damage in osteoblasts by inhibiting SIRT1–FoxO3a–MnSOD pathway	Biochem.and Biophysical Research Comm.	113-118	455	####	25450701	Li, Y; et al
2014	Anthocyanin increases adiponectin secretion and protects against diabetes-related endothelial dysfunction	Am. J. Physiol. Endocrinol. Metab.	E975-88	306	8	24595303	Liu, Y; et al.
2014	Attenuation of L-type Ca2+ channel expression and vasomotor response in the aorta with age in both Wistar-Kyoto and sponta-neously hypertensive rats	PLoS ONE	e88975	9	2	24533163	Fukuda, T; et al.
2014	AURKA regulates JAK2-STAT3 activity in human gastric and esophageal cancers	Molecular Oncology	1419–1428	8	8	24953013	Katsha, A; et al
2014	Bacillus thuringiensis a specific gamma-cyclodextrin producer strain	Carbohydr. Res.	42711	386		24456970	Goo, BG; et al.
2014	Biomarkers of Mir-34 activity	Patent				US20140378528	Bader, A; et al.
2014	Blimp-1 represses CD8 T cell expression of PD-1 using a feed-forward transcriptional circuit during acute viral infection	J. Exp. Med.	515-27	211	3	24590765	Lu, P; et al.
2014	Brain endothelial miR-146a negatively modulates T-cell adhesion through repressing multiple targets to inhibit NF-κB activation	J. of cerebral blood flow and metabolism				25515214	Wu, D; et al.
2014	Calpains promote neutrophil recruitment and bacterial clearance in an acute bacterial peritonitis model	Eur. J. Immunol.	831-41	44	3	24375267	Kumar, V; et al.
2014	Casein kinase 2 phosphorylates GluA1 and regulates its surface expression	Eur. J. Neurosci.	1148-58	39	7	24712994	Lussier, MP; et al.
2014	Cellular viability and genetic expression of human gingival fibroblasts to zirconia with enamel matrix derivative (Emdogain®)	J. of Advanced Prosthodontics	406-414	6	5	25352963	Kwon, YD; et al
2014	Characterization of a homolog of DEAD-box RNA helicases in Toxoplasma gondii as a marker of cytoplasmic mRNP stress granules	Gene	34-44	543	1	24709106	Cherry, AA; et al.
2014	Characterization of common marmoset dysgerminoma-like tumor induced by the lentiviral expression of reprogramming factors	Japanese Cancer Association	402-408	105	4	10.1111/cas.12367	Tani, K., et al.
2014	Characterization of street rabies virus variants with an additional N-glycan at position 247 in the glycoprotein	Arch. Virol.	207-16	159	2	23921623	Yamada, K; et al.
2014	Chitosan magnetic nanoparticles for pH responsive Bortezomib release in cancer therapy	Biomedicine & Pharmacotherapy	641-648	68	5	24880680	Unsoy, G; et al.
2014	Contact guidance of smooth muscle cells is associated with tension-mediated adhesion maturation	Experimental Cell Research	42380	327	1	24825188	Saito, AC; et al
2014	Correlative light and electron microscopic analyses of mitochondrial distribution in blastomeres of early fish embryos	FASEB J.	577-85	28	2	24136588	Yuan, Y; et al.
2014	Coxsackievirus-Induced miR-21 Disrupts Cardiomyocyte Interactions via the Downregulation of Intercalated Disk Components	PLOS Pathogen	e1004070	10	4	10.1371/journal.ppat.1004070	Ye, C. et al
2014	Curcumin affects β-catenin pathway in hepatic stellate cell in vitro and in vivo	Pharmacy and Pharmacology	1615-1622	66	11	24945564	Cui, L; et al
2014	Cystatin C triggers neuronal degeneration in a model of multiple system atrophy	Am. J. Pathol.	790-9	184	3	24405769	Suzuki, Y; et al.
2014	Deficits in receptor-mediated endocytosis and recycling in cells from mice bearing a disruption of the Gpr107 locus	Journal of Cell Science	3916-3927	127	18	24849652	Zhou, GL; et al.
2014	Dennd3 functions as a guanine nucleotide exchange factor for small GTPase Rab12 in mouse embryonic fibroblasts.	J Biol Chem.	13986-13995	289	20	24719330	Matsui, T; et al.
2014	Depletion of minichromosome maintenance protein 7 inhibits glioblastoma multiforme tumor growth in vivo	Oncogene	4778–4785	33		10.1038/onc.2013.423	Earkan E.P., et al.
2014	Detection of Tumor Cell-Specific mRNA and Protein in Exosome-Like Microvesicles from Blood and Saliva	PLoS ONE		9	11	25397880	Yang, J; et al
2014	Development of a cytokine-producing immortalized murine Kupffer cell line	Cytokine	165-172	70	2	25138015	Wang, ZY; et al

2014	Disruption of polyubiquitin gene Ubb causes dysregulation of neural stem cell differentiation with premature gliogenesis	Scientific Reports		4	7026	25391618	Ryu, HW; et al.
2014	Distinct effects of the mesenchymal dysplasia gene variant of murine Patched-1 protein on canonical and non-canonical Hedgehog signaling pathways	J. Biol. Chem.	10939-49	289	15	24570001	Harvey, MC; et al.
2014	Down-regulation of eIF4GII by miR-520c-3p represses diffuse large B cell lymphoma development	PLoS Genet.	E1004105	10	1	24497838	Mazan-Mamczarz, K; et al.
2014	Early and Transient Sodium-Hydrogen Exchanger Isoform 1 Inhibition Attenuates Subsequent Cardiac Hypertrophy and Heart Failure Following Coronary Artery Ligation	Pharmacology and Ex.Therapeutics	492-499	351	3	25216745	Kilić, A; et al
2014	Engulfment of apoptotic cells by macrophages a role of microR-NA-21 in the resolution of wound inflammation	J. Immunol.	1120-9	192	3	24391209	Das, A; et al.
2014	EphrinB1 Interacts with CNK1 and Promotes Cell Migration through JNK Activation	J. Biol. Chem.	18556-18568	289	26	24825906	Cho, HJ; et al.
2014	EphrinB2 affects apical constriction in Xenopus embryos and is regulated by ADAM10 and flotillin-1	Nat Commun	3516	5		24662724	Ji, YJ; et al.
2014	Estradiol stimulates glucose metabolism via 6-phosphofruc-to-2-kinase (PFKFB3)	J. Biol. Chem.	2754143	289	13	24515104	Imbert-Fernan-dez, Y; et al.
2014	Exosome-mediated transfer of miR-10b promotes cell invasion in breast cancer	Molecular Cancer	256	13	256	25428807	Singh, R; et al
2014	Experimental validation of predicted subcellular localizations of human proteins	BMC research notes	912	7	1	25510246	Chaturvedi, NK; et al.
2014	Exploitation of the Complement System by Oncogenic Kaposi's Sarcoma-Associated Herpesvirus for Cell Survival and Persistent Infection	PLOS Pathogens		10	9	25254972	Lee, MS; et al.
2014	Expression, Purification, and In Vitro Comparative Characterization of Avian Beta-Defensin-2,-6, and-12	Avian Diseases	541-549	58	4	abs/10.1637/10848-042014-Reg.1	Zhao, L; et al.
2014	Four Methods of Preparing mRNA 5' End Libraries Using the Illumina Sequencing Platform	PLOS ONE		9	7	25003736	Machida, RJ and Lin, YY.
2014	FOXJ1 Prevents Cilia Growth Inhibition by Cigarette Smoke in Human Airway Epithelium In Vitro	J. of Respiratory Cell and Molecular Bio.	688-700	51	5	24828273	Brekman, A; et al.
2014	FOXP3 is a direct target of miR15a/16 in umbilical cord blood regulatory T cells	Bone Marrow Transplant	793-799	49	6	24710569	Liu, X; et al.
2014	Gallic Acid Exhibits Risks of Inducing Muscular Hemorrhagic Liposis and Cerebral Hemorrhage-Its Action Mechanism and Preventive Strategy	Phytotherapy Research	42383			25403162	Hsieh, CL; et al
2014	Generation of iPS Cells from Human Peripheral Blood Mononuclear Cells Using Episomal Vectors	Methods in Molecular Biology				25403468	Su, RJ; et al
2014	Genetic Diversity and Aggressiveness of Fusarium spp. Isolated from Canola in Alberta, Canada	American Phytopatholo. Society	727-738	98	6	dx..org/10.1094/PDIS-01-13-0061-RE	Chen, Y; et al
2014	Ghrelin is a Novel Regulator of Glucagon-like Peptide-1 Secretion.	Diabetes				25412624	Gagnon,J; et al.
2014	Glucose Transporter 8 (GLUT8) Mediates Fructose-induced de Novo Lipogenesis and Macrosteatosis	J. Biol. Chem.	10989-98	289	16	24519932	Debosch, BJ; et al.
2014	Heme-binding-mediated negative regulation of the tryptophan metabolic enzyme indoleamine 2,3-dioxygenase 1 (IDO1) by IDO2	Experimental & Molecular Medicine		46	11	25394548	Lee, YK; et al
2014	HITS-CLIP reveals key regulators of nuclear receptor signaling in breast cancer	Breast Cancer Research and Treatment	85-97	146	1	24906430	Pillai, MM; et al
2014	Human collagen-based multilayer scaffolds for tendon-to-bone interface tissue engineering	Biomedical Materials Research Part A	4044-4054	102	11	24327550	Kim, BS; et al
2014	Identification and evaluation of inhibitors targeting the HIV-1 integrase-LEDGF/p75 interaction	WIREDSpace					Harrison, AT
2014	Identification by mass spectrometry and immune response analysis of guinea pig cytomegalovirus (GPCMV) pentameric complex proteins GP129, 131 and 133	Viruses	727-51	6	2	24531333	Gnanandarajah, JS; et al.
2014	Identification of a strawberry flavor gene candidate using an integrated genetic-genomic-analytical chemistry approach	BMC Genomics	217	15	1	24742080	Chambers, AH; et al.
2014	Identification of Novel Pathways in the Pathogenesis of Diamond-Blackfan Anemia	Thesis				0	Bibikova, E; et al.

2014	Immortalization of human adipose-derived stromal cells pro-duction of cell lines with high growth rate, mesenchymal marker expression and capability to secrete high	Stem Cell Re-search & Therapy	63	5	3	24887516	Balducci, L; et al.
2014	Implication of KCC2 in the sensitization to morphine by chronic ethanol treatment in mice	Synapse	39-43	68	1	23760976	Shibasaki, M; et al.
2014	Implication of mGlu ₅ receptor in the enhancement of morphine-induced hyperlocomotion under chronic treatment with zolpidem	European Journal of Pharmacology	360-367	738		24930812	Shibasaki, M; et al
2014	Implication of SUMO E3 ligases in nucleotide excision repair	Cytotechnology				25008297	Tsuge, M; et al
2014	In comparative analysis of multi-kinase inhibitors for targeted medulloblastoma therapy pazopanib exhibits promising in vitro and in vivo efficacy.	Oncotarget	7149-7161	5	16	25216529	Craveiro, RB; et al.
2014	Increased LINGO1 in the cerebellum of essential tremor patients.	Mov Disord.	1637-1647	29	13	24531928	Delay, C; et al.
2014	Inhibition of hepatitis B virus replication by ligand-mediated activation of RNase L	Antiviral Res.	118-27	104		24509240	Park, IH; et al.
2014	Insertion/Deletion-Based Approach for the Detection of Escherichia coli O157H7 in Freshwater Environments	Environmental Science & Tech	11462	48	19	25166281	Wong, SY; et al.
2014	Insulin production hampered by intermittent hypoxia via im-paired zinc homeostasis	PLoS ONE	e90192	9	2	24587273	Pae, EK; et al.
2014	Insulin-like Growth Factor Binding Protein-4 is Required for the Growth Effects of Glucagon-like Peptide-2 In Murine Intestine.	Endocrinology				25514089	Austin, K; et al.
2014	Insulin-like growth factor-2 enhances functions of Ag specific regulatory B cells	J. Biol. Chem.	17941-17950	289	25	24811165	Geng, XR; et al.
2014	Interferon Regulatory Factor 7 Protects Against Vascular Smooth Muscle Cell Proliferation and Neointima Formation	Journal of American Heart Association		3	5	25304854	Huang, L; et al.
2014	Interleukin-1 β promotes hypoxia-induced apoptosis of glioblas-toma cells by inhibiting hypoxia-inducible factor-1 mediated adrenomedullin production	Cell Death Dis	e1020	5		24457964	Sun, W; et al.
2014	Intracellular Theileria annulata promote invasive cell motility through kinase regulation of the host actin cytoskeleton	PLoS Pathog.	E10040003	10	3	24626571	Ma, M; et al.
2014	Intratracheal administration of cyclooxygenase-1-transduced adipose tissue-derived stem cells ameliorates monocrotaline-induced pulmonary hypertension in rats	American journal of physiology.	H1187	307	8	25320332	Somanna, NK; et al.
2014	Lack of Angiopoietin Like 2 Expression Limits the Metabolic Stress Induced by a High Fat Diet and Maintains Endothelial Function in Mice	J Am Heart Assoc.		3	4	25128474	Yu, C; et al.
2014	Lentivirus delivery of IL-10 to promote and sustain macrophage polarization towards an anti-inflammatory phenotype	Biotechnol. Bioeng.	1210-21	111	6	24375008	Boehler, RM; et al.
2014	Liver metastases induce reversible hepatic B cell dysfunction mediated by Gr-1+CD11b+ myeloid cells.	JLB	883-894	96	4	25085111	Thorn, M; et al.
2014	LKB1 Deficient Non-small Cell Lung Cancer Cells are Vulnerable to Energy Stress Induced by ATP Depletion	Thesis					Yang, C; et al
2014	Long non-coding RNA UCA1 promotes breast tumor growth by suppression of p27 (Kip1)	Cell Death Dis	e1008	5		24457952	Huang, J; et al.
2014	Loss of glutathione peroxidase 7 promotes TNF- α -induced NF- κ B activation in Barrett's carcinogenesis	Carcinogenesis	1620-1628	35	7	24692067	Peng, DF; et al.
2014	Loss of polycystin-1 inhibits Bicc1 expression during mouse development	PLoS ONE	e88816	9	3	24594709	Lian, P; et al.
2014	LRH1 as a driving factor in pancreatic cancer growth	Cancer Lett.	85-90	345	1	24333731	Lin, Q; et al.
2014	Lysine methyltransferase Smyd2 suppresses p53-dependent cardiomyocyte apoptosis	BBA-Molecular Cell Research	2556-2562	1843	11	25014164	Sajjad, A; et al
2014	Markers of tumor Cell response to anti-cancer therapy	Patent				US20140308370	Frendewey, D; et al.
2014	MDMA induces cardiac contractile dysfunction through autophagy upregulation and lysosome destabilization in rats	BBA-Molecular Basis of Disease	691-700	1842	5	24491919	Shintani-ishida, K; et al
2014	Methods of Treating Rickettsia Using Exchange Proteins Directly Activated by cAMP (EPACS) inhibitors	Patent				US20140348853	Gong B; et al.
2014	Microparticle alpha-2-macroglobulin enhances pro-resolving responses and promotes survival in sepsis	EMBO Mol Med	27-42	6	1	24357647	Dalli, J; et al.

2014	MicroRNA-122 Overexpression Promotes Hepatic Differentiation of Human Adipose Tissue-Derived Stem Cells	Journal of Cellular Biochemistry	1582–1593	115	9	24733606	Davoodian, N; et al
2014	MicroRNA-1246 expression associated with CCNG2-mediated chemoresistance and stemness in pancreatic cancer.	Br J Cancer.	1572-1580	111	8	25117811	Hasegawa, S; et al.
2014	MicroRNA-141 and MicroRNA-146b-5p Inhibit the Prometastatic Mesenchymal Characteristics through the RNA-binding Protein AUF1 Targeting the Transcription Factor ZEB1 and the Protein Kinase AKT	The Journal of biological chemistry	31433-31447	289	45	25261470	Al-Khalaf, H; et al.
2014	MicroRNA-155 negatively affects blood-brain barrier function during neuroinflammation	FASEB J.	2551-2565	28	6	24604078	Lopez-Ramirez, MA; et al.
2014	MicroRNA-222 regulates MMP-13 via targeting HDAC-4 during osteoarthritis pathogenesis	BBA Clinical	78-89	3		10.1016/j.bbacli.2014.11.009	Song, J; et al
2014	MicroRNA-377 Regulates Mesenchymal Stem Cell-Induced Angiogenesis in Ischemic Hearts by Targeting VEGF	Plos One		9	9	25251394	Wen, Z; et al.
2014	miR 122 decreases HCV entry into hepatocytes through binding to the 3' UTR of OCLN mRNA	Liver Int				25302477	Sendi, H; et al.
2014	miRNA signature of unfolded protein response in H9c2 rat cardiomyoblasts	Cell & Bioscience	56	4	1	25302112	Read, DE; et al
2014	Modulation of leukocyte infiltration and phenotype in micro-porous tissue engineering scaffolds via vector induced IL-10 expression	Biomaterials	2024-31	35	6	24309498	Gower, RM; et al.
2014	Monitoring toxigenic Microcystis strains in the Missisquoi bay, Quebec, by PCR targeting multiple toxic gene loci	Environ. Toxicol.	440-51	29	4	22431468	Ngwa, F; et al.
2014	Mutant huntingtin is present in neuronal grafts in Huntington's disease patients	Ann. Neurol.	Null	76	1	24798518	Cicchetti, F; et al.
2014	NAA10 controls osteoblast differentiation and bone formation as a feedback regulator of Runx2	Nature Comm.	5176	5		25376646	Yoon, HJ; et al.
2014	N-Acetylcysteine prevents congenital heart defects induced by pregestational diabetes	Cardiovasc Dia-betol	46	13	1	24533448	Moazzen, H; et al.
2014	NEU1 Sialidase Regulates the Sialylation State of CD31 and Disrupts CD31-driven Capillary-like Tube Formation in Human Lung Microvascular Endothelia	The Journal of biological chemistry	9121-9135	289	13	24550400	Lee, C; et al.
2014	Novel roles for ERK5 and cofilin as critical mediators linking ER α -driven transcription, actin reorganization, and invasiveness in breast cancer	Molecular cancer research	714-727	12	5	24505128	Madak-Erdogan, Z; et al.
2014	Nuclear localization of Kaiso promotes the poorly differentiated phenotype and EMT in infiltrating ductal carcinomas	Clin. Exp. Metas-tasis	497-510	31	5	24570268	Jones, J; et al.
2014	Oleanolic acid inhibits proliferation and invasiveness of Kras-transformed cells via autophagy	The Journal of nutritional biochemistry	1154-1160	25	11	25172632	Liu, J; et al.
2014	Over expression of the PP2A regulatory subunit Tap46 leads to enhanced plant growth through stimulation of the TOR signaling pathway	J Exp Bot.				25399018	Ahn, CS; et al.
2014	Overexpression of a DENND1A isoform produces a polycystic ovary syndrome theca phenotype	Proc. Natl. Acad. Sci. U.S.A.	E1519-27	111	15	24706793	McAllister, JM; et al.
2014	p62/SQSTM1 accumulation in squamous cell carcinoma of head and neck predicts sensitivity to phosphatidylinositol 3-kinase pathway inhibitors	PLoS ONE	e90171	9	3	24599075	Kuo, WL; et al.
2014	PBMC and exosome-derived Hotair is critical regulator and potent marker for rheumatoid arthritis	Springer-Verlag Italia	121-126	15	1	10.1007/s10238-013-0271-4	Jin, E. J., et al.
2014	Peroxisomal dysfunction is associated with up-regulation of apoptotic cell death via miR-223 induction in knee osteoarthritis patients with type 2 diabetes mellitus	Bone	124-131	64		24727161	Kim, D; et al
2014	Peroxisome proliferator-activated receptor- γ interrupts angio-genic signal transduction by transrepression of platelet-derived growth factor- β receptor in hepatic stellate cells	J. Cell. Sci.	305-14	127	Pt 2	24259663	Zhang, F; et al.
2014	Pharmacological ceramide reduction alleviates alcohol-induced steatosis and hepatomegaly in adiponectin knockout mice	American J. of physiology Gastrointestinal and liver phys.	G959	306	11	24742988	Correnti, JM; et al.
2014	PHF2 histone demethylase acts as a tumor suppressor in association with p53 in cancer	Oncogene				25043306	Lee, KH; et al
2014	Pick1 modulates ephrinB1-induced junctional disassembly through an association with ephrinB1	Biochem. and Biophysical Research Comm.	659-665	450	1	24937449	Son, J; et al

2014	Pituitary adenylate cyclase-activating polypeptide protects against β -amyloid toxicity.	Neurobiol Aging	2064-2071	35	9	24726470	Han, P; et al.
2014	Pivotal Role of MUC1 Glycosylation by Cigarette Smoke in Mod-ulating Disruption of Airway Adherens Junctions In Vitro	J. Pathol.	63-70	234	1	24838315	Zhang, L; et al.
2014	Polymeric nanoparticles for pulmonary protein and DNA delivery	Acta Biomater	2643-52	10	6	24512977	Menon, JU; et al.
2014	Polymorphism of the ovine calpastatin gene in some Turkish sheep breeds	Turkish J. of Vet. & Animal Sci.	354-357	38	4	10.3906/vet-1401-13	Yilmaz, Onur; et al
2014	Polysaccharide-modified scaffolds for controlled lentivirus delivery in vitro and after spinal cord injury	US National Library of Medicine Nation Institute of Health	421-429	170	3	3742643	Aline Thomas and Lonnie Shea
2014	Positional assembly of enzymes on bacterial outer membrane vesicles for cascade reactions	PLoS ONE	e97103	9	5	24820175	Park, M; et al.
2014	POU3f2 in human gliomas - Expression pattern and functional role	Thesis					Lellahi, SM
2014	Prognostic significance of KAI1/CD82 in human melanoma and its role in cell migration and invasion through the regulation of ING4	Carcinogenesis	86-95	35	1	24130172	Tang, Y; et al.
2014	Prolyl-4-hydroxylase 2 enhances hypoxia-induced glioblastoma cell death by regulating the gene expression of hypoxia-inducible factor- α	Cell Death Dis.	e1322	5	7	25010988	Sun, W; et al.
2014	Rac1 signaling is critical to cardiomyocyte polarity and embryonic heart development.	Journal of the American Heart Association	42384	3	5	25315346	Leung, C; et al
2014	RASSF1A-inactivation Unleashes a Tumor Suppressor/oncogene Cascade with Context-dependent Consequences on Cell Cycle Progression	Mol. Cell. Biol.	2350-2358	34	12	24732797	Ram, RR; et al.
2014	Reconstruction of Hyaline Cartilage Deep Layer Properties in 3-Dimensional Cultures of Human Articular Chondrocytes	Orthopaedic journal of sports medicine		2	6	10.1177/2325967114539122	Nanduri, V; et al.
2014	Reduced miR-3127-5p expression promotes NSCLC proliferation/invasion and contributes to dasatinib sensitivity via the c-Abl/Ras/ERK pathway	Scientific Reports	6527	4		25284075	Sun, Y; et al.
2014	Reduced polyphenol oxidase gene expression and enzymatic browning in potato (<i>Solanum tuberosum</i> L.) with artificial microRNAs	BMC Plant Biol.	62	14		24618103	Chi, M; et al.
2014	Reduction in DHA transport to the brain of mice expressing human APOE4 compared to APOE2	J. Neurochem.	516-26	129	3	24345162	Vandal, M; et al.
2014	Repression of LXR α by a novel member of additional sex comb-like family, ASXL3	Biochem. and Biophysical Research Comm.	479-485	454	4	25450400	Shin, N; et al
2014	Restoration of cellular ubiquitin reverses impairments in neuronal development caused by disruption of the polyubiquitin gene Ubb	Biochemical and biophysical research comm.	443-448	453	3	25280998	Ryu, HW; et al.
2014	Retinal transduction profiles by high-capacity viral vectors	Gene therapy	855-865	21	10	24989814	Puppo, A; et al.
2014	Saliva collection, processing, stabilization and storage method	Patent				US20140329705	Wong, D and Liao, W
2014	Screening with a Novel Cell-Based Assay for TAZ Activators Identifies a Compound That Enhances Myogenesis in C2C12 Cells and Facilitates Muscle Repair in a Muscle Injury Model	Mol Cell Biol.	1607-1621	34	9	24550007	Yang, Z; et al.
2014	Selective expression of transgene using hypoxia-inducible trans-splicing group I intron ribozyme	Journal of Biotechnology	22-27	192		25312327	Kim, SJ and Lee, SW.
2014	Serotonin activates cell survival and apoptotic death responses in cultured epithelial thyroid cells	Biochimie	211-215	105		24997405	Cerulo, G; et al
2014	Short-Chain Fatty Acids from Periodontal Pathogens Suppress Histone Deacetylases, EZH2, and SUV39H1 To Promote Kaposi's Sarcoma-Associated Herpesvirus Replication	Journal of virology	4466-4479	88	8	24501407	Yu, X; et al.
2014	Silibinin inhibits fibronectin induced motility, invasiveness and survival in human prostate carcinoma PC3 cells via targeting integrin signaling	Molecular Mechanisms of Mutagenesis	35-46	768		25285031	Deep, G; et al

2014	Simulated microgravity contributes to autophagy induction by regulating AMP-activated protein kinase	DNA Cell Biol.	128-35	33	3	24387300	Ryu, HW; et al.
2014	SIRT3 Deacetylates ATP Synthase F1 Complex Proteins in Re-sponse to Nutrient- and Exercise-Induced Stress	Antioxid. Redox Signal.	551-564	21	4	24252090	Vassilopoulos, A; et al.
2014	Small interfering RNA targeting nerve growth factor alleviates allergic airway hyperresponsiveness	Mol Ther Nucleic Acids	e158	3		24714423	Chen, YL; et al.
2014	SNARE-dependent interaction of Src, EGFR and β 1 integrin regulates invadopodia formation and tumor cell invasion	J. Cell. Sci.	1712-25	127	Pt 8	24496451	Williams, KC; et al.
2014	Sonic hedgehog and neurotrophin-3 increase oligodendrocyte numbers and myelination after spinal cord injury	Royal society of chemistry	694-705	6	7	24873988	Thomas, AM; et al.
2014	Sox21 regulates the progression of neuronal differentiation in a dose-dependent manner	Developmental Biology	237-247	397	2	25448693	Whittington, N; et al.
2014	Statistical optimization of high temperature/pressure and ultra-wave assisted lysis of Urechis unicinctus for the isolation of active peptide which enhance the erectile function in vitro	Process Biochemistry	148–153	49	1	10.1016/j.procbio.2013.09.019	Ryu, BM; et al.
2014	Steroid Receptor Coactivator -2 is a Dual Regulator of Cardiac Transcription Factor Function	J. Biol. Chem.	17721-17731	289	25	24811170	Reineke, EL; et al.
2014	Suppression of Arabidopsis AtPUB30 resulted in increased tolerance to salt stress during germination	Plant Cell Rep.	277-289	34	2	25410251	Hwang, JH; et al.
2014	Suppression of immunoglobulin production in human peripheral blood mononuclear cells by monocytes via secretion of heavy-chain ferritin	Immunobiology	149-57	219	2	24157279	Yamashita, M; et al.
2014	Suppression of OsRAD51D results in defects in reproductive development in rice (<i>Oryza sativa</i> L.).	The Plant Journal	256–269	79	2	24840804	Byun, MY; et al.
2014	Targeting miR-21 to treat psoriasis	Sci Transl Med	225re1	6	225	24574341	Guinea-Viniegra, J; et al.
2014	Targeting non-coding RNAs with the CRISPR/Cas9 system in human cell lines	Nucleic Acids Research (NAR)	42381			25414344	Ho, TT; et al.
2014	The aryl hydrocarbon receptor-mediated and genotoxic effects of fractionated extract of standard reference diesel exhaust particle material in pulmonary, liver and prostate cells	Toxicol In Vitro	443-448	29	3	25500124	Pálková, L; et al.
2014	The contribution of visceral fat to improved insulin signaling in Ames dwarf mice	Aging Cell	497-506	13	3	24690289	Menon, V; et al.
2014	The Dominant Role of IL-8 as an Angiogenic Driver in a Three-Dimensional Physiological Tumor Construct for Drug Testing	Tissue Eng Part A	1758-1766	20	####	24372172	Tan, PH; et al.
2014	The endocannabinoid 2-AG controls skeletal muscle cell differentiation via CB1 receptor-dependent inhibition of Kv7 channels	PNAS	E2472-E2481	111	24	24927567	Iannotti, FA; et al.
2014	The heterodimeric glycoprotein hormone, GPA2/GPB5, regulates ion transport across the hindgut of the adult mosquito, <i>Aedes aegypti</i>	PLoS ONE	e86386	9	1	24466069	Paluzzi, JP; et al.
2014	The Histone Demethylase PHF2 Promotes Fat Cell Differentiation as an Epigenetic Activator of Both C/EBP α and C/EBP δ	Molecules and cells	734-741	37	10	25266703	Lee, KH; et al.
2014	The innate immune factor apolipoprotein L1 restricts HIV-1 infection	J. Virol.	592-603	88	1	24173214	Taylor, HE; et al.
2014	The retinoblastoma tumor suppressor modulates DNA repair and radio responsiveness	Clin Cancer Res	5468	20	21	25165096	Thangavel, C; et al.
2014	The role of heat shock protein 90 in migration and proliferation of vascular smooth muscle cells in the development of atherosclerosis	J. of Molecular and Cellular Cardiology	157-167	72		24650873	Kim, J; et al.
2014	The therapeutic effect of monocyte chemoattractant protein-1 delivered by an electrospun scaffold for hyperglycemia and nephrotic disorders	International Journal of Nanomedicine	985-993	9		24600221	Yong, C; et al.
2014	The dominant role of IL-8 as an angiogenic driver in a three dimensional physiological tumor construct for	Tissue Eng.	1758-1766	20	####	24372172	Tan, PH; et al.
2014	Theaflavins enhance intestinal barrier of Caco-2 Cell monolayers through the expression of AMP-activated protein kinase-mediated Occludin, Claudin-1, and ZO-1	Biosci Biotechnol Biochem.	42377			25175351	Park, HY; et al.
2014	Tissue microarray based biomarker study in human cutaneous melanoma	Thesis					Cheng, Y; et al.

2014	Tissue plasminogen activator arrests Alzheimer's disease patho-genesis	Neurobiol. Aging	511-519	35	3	24126163	Oh, SB; et al.
2014	Transient activation of hedgehog pathway rescued irradiation-in-duced hyposalivation by preserving salivary stem/progenitor cells and parasympathetic innervation	Clin. Cancer Res.	140-50	20	1	24150232	Hai, B; et al.
2014	Tumor suppressor Ing1b facilitates DNA repair and prevents oxidative stress induced cell death	Apoptosis	518-26	19	3	24242916	Rotte, A; et al.
2014	Ubiquitin-1 protects cells from oxidative stress and ischemic stroke caused tissue injury in mice	J. Neurosci.	2813-21	34	8	24553923	Liu, Y; et al.
2014	USP18 is crucial for IFN- γ -mediated inhibition of B16 melanoma tumorigenesis and antitumor immunity	Molecular Cancer	42381	13	132	24884733	Hong, B; et al
2014	Validation of COL11A1/procollagen 11A1 expression in TGF- β 1-activated immortalized human mesenchymal cells and in stromal cells of human colon adenocarcinoma	BMC Cancer	867	14	1	25417197	Galvan JA; et al.
2014	Vectors and methods for the efficient generation of integration/transgene-free induced pluripotent stem cells from peripheral blood cells	Patent				US20140134143	Baylink, DJ; et al.
2014	Western blotting by thin-film direct coating	Anal. Chem.	5164-70	86	10	24773468	Yen, YK; et al.
2014	α -Klotho protects against oxidative damage in pulmonary epithelia	American J. of Physiology	566-575	307	7	25063799	Ravikumar, P; et al
2014	α -Mangostin A Dietary Antioxidant Derived from the Pericarp of Garcinia mangostana L. Inhibits Pancreatic Tumor Growth in Xenograft Mouse Model	Antioxid. Redox Signal.	682-689	21	5	24295217	Hafeez, BB; et al.
2014	β -Agonist-mediated relaxation of airway	Biological Chemistry	23065-23074	289	33	24973219	Morgan, SJ; et al
2013	Identification of Biological Properties of Intralymphatic Tumor Related to the Development of Lymph Node Metastasis in Lung Adenocarcinoma	PloS one	e83537	8	12	10.1371/journal.pone.0083537	Kirita, K; et al
2013	Metabolic Rescue of Obese Adipose-Derived Stem Cells by Lin28/Let7 Pathway	Diabetes	2368-2379	62	7	10.2337/db12-1220	Perez, LM; et al
2013	MiR-133b Promotes Neural Plasticity and Functional Recovery After Treatment of Stroke with Multipotent Mesenchymal Stromal Cells in Rats Via Transfer of Exosome-Enriched Extracellular Particles	AlphaMed Press	2737-2746	31	12	10.1002/stem.1409	Chopp, M., et al
2013	Growth hormone is a cellular senescence target in pituitary and nonpituitary cells	Proceedings of the National Academy of Sciences	E3331-E3339	110	35	23940366	Chesnokova, V; et al
2013	Generation and Characterization of feline arterial and cenous endothelial cell lines for the study of the vascular endothelium	Biomed Central	N/A	170	9	10.1186/1746-6148-9-170	Nauwynck, H.J.,et al
2013	Declining NAD(+) induces a pseudohypoxic state disrupting nuclear-mitochondrial communication during aging	Cell	1624-38	155	7	24360282	Gomes, AP; et al.
2013	Targeting primitive chronic myeloid leukemia cells by effective inhibition of a new AHI-1-BCR-ABL-JAK2 complex	J. Natl. Cancer Inst.	405-23	105	6	23446755	Chen, M; et al.
2013	β 1-adrenergic receptor and sphingosine-1-phosphate receptor 1 (S1PR1) reciprocal downregulation influences cardiac hypertro-phic response and progression to heart failure protective role of S1PR1 cardiac gene therapy	Circulation	1612-22	128	15	23969695	Cannavo, A; et al.
2013	Thrombospondin-1 mediates oncogenic Ras-induced senescence in premalignant lung tumors	J. Clin. Invest.	4375-89	123	10	24018559	Baek, KH; et al.
2013	Autoadaptive ER-associated degradation defines a preemptive unfolded protein response pathway	Mol. Cell	783-93	52	6	24239290	Bernasconi, R; et al.
2013	The Smurf ubiquitin ligases regulate tissue separation via antago-nistic interactions with ephrinB1	Genes Dev.	491-503	27	5	23475958	Hwang, YS; et al.
2013	Aurora kinase A promotes inflammation and tumorigenesis in mice and human gastric neoplasia	Gastro-enterology	1312-22.e1-8	145	6	23993973	Katsha, A; et al.
2013	Advanced glycation endproducts induce fibrogenic activity in non-alcoholic steatohepatitis by modulating TNF- α -converting enzyme activity in mice	Hepatology	1339-48	58	4	23703665	Jiang, JX; et al.
2013	Regulation of cholesterol and bile acid homeostasis by the cholesterol 7 α -hydroxylase/steroid response element-binding protein 2/microRNA-33a axis in mice	Hepatology	1111-21	58	3	23536474	Li, T; et al.
2013	Exchange protein directly activated by cAMP plays a critical role in bacterial invasion during fatal rickettsioses	Proc. Natl. Acad. Sci. U.S.A.	19615-20	110	48	24218580	Gong, B; et al.

2013	Cell growth defect factor1/chaperone-like protein of POR1 plays a role in stabilization of light-dependent protochlorophyllide oxidoreductase in Nicotiana benthamiana and Arabidopsis	Plant Cell	3944-60	25	10	24151298	Lee, JY; et al.
2013	The human long non-coding RNA-RoR is a p53 repressor in response to DNA damage	Cell Res.	340-50	23	3	23208419	Zhang, A; et al.
2013	Rapid and efficient reprogramming of human fetal and adult blood CD34+ cells into mesenchymal stem cells with a single factor	Cell Res.	658-72	23	5	23478301	Meng, X; et al.
2013	Negative regulation of lncRNA GAS5 by miR-21	Cell Death Differ.	1558-68	20	11	23933812	Zhang, Z; et al.
2013	ABL regulation by AXL promotes cisplatin resistance in esophageal cancer	Cancer Res.	331-40	73	1	23117882	Hong, J; et al.
2013	miR-7 suppresses brain metastasis of breast cancer stem-like cells by modulating KLF4	Cancer Res.	1434-44	73	4	23384942	Okuda, H; et al.
2013	Essential role of NADPH oxidase-dependent reactive oxygen species generation in regulating microRNA-21 expression and function in prostate cancer	Antioxid. Redox Signal.	1863-76	19	16	23682737	Jajoo, S; et al.
2013	Hip14l-deficient mice develop neuropathological and behavioural features of Huntington disease	Hum. Mol. Genet.	452-65	22	3	23077216	Sutton, LM; et al.
2013	Coupling of small leucine-rich proteoglycans to hypoxic survival of a progenitor cell-like subpopulation in Rhesus Macaque intervertebral disc	Biomaterials	6548-58	34	28	23764115	Huang, S; et al.
2013	MiR-133b promotes neural plasticity and functional recovery after treatment of stroke with multipotent mesenchymal stromal cells in rats via transfer of exosome-enriched extracellular particles	Stem Cells	2737-46	31	12	23630198	Xin, H; et al.
2013	The modulation of the oxidative stress response in chondrocytes by Wip1 and its effect on senescence and dedifferentiation during in vitro expansion	Biomaterials	2380-8	34	9	23306038	Cha, BH; et al.
2013	Adhesion-mediated cytoskeletal remodeling is controlled by the direct scaffolding of Src from FAK complexes to lipid rafts by SSeCKS/AKAP12	Oncogene	2016-26	32	16	22710722	Su, B; et al.
2013	microRNA-18a induces apoptosis in colon cancer cells via the autophagolysosomal degradation of oncogenic heterogeneous nuclear ribonucleoprotein A1	Oncogene	4847-4856	33	40	24166503	Fujiya, M; et al.
2013	Human antibodies targeting the C-type lectin-like domain of the tumor endothelial cell marker clec14a regulate angiogenic properties in vitro	Oncogene	5449-57	32	48	23644659	Ki, MK; et al.
2013	Depletion of minichromosome maintenance protein 7 inhibits glioblastoma multiforme tumor growth in vivo	Oncogene	4778-4785	33	39	24166506	Erkan, EP; et al.
2013	Forkhead transcription factor FOXF1 is a novel target gene of the p53 family and regulates cancer cell migration and invasiveness	Oncogene	4837-4846	33	40	24186199	Tamura, M; et al.
2013	Sox4-mediated Dicer expression is critical for suppression of melanoma cell invasion	Oncogene	2131-9	32	17	22689055	Jafarnejad, SM; et al.
2013	Bone morphogenetic protein 4 mediates estrogen-regulated sensory axon plasticity in the adult female reproductive tract	J. Neurosci.	1050-61a	33	3	23325243	Bhattacharjee, A; et al.
2013	Forward suppression in the auditory cortex is caused by the Ca(v)3.1 calcium channel-mediated switch from bursting to tonic firing at thalamocortical projections	J. Neurosci.	18940-50	33	48	24285899	Bayazitov, IT; et al.
2013	Polysaccharide-modified scaffolds for controlled lentivirus delivery in vitro and after spinal cord injury	J Control Release	421-9	170	3	23791981	Thomas, AM; et al.
2013	TP53-independent function of miR-34a via HDAC1 and p21(CIP1/WAF1.)	Mol. Ther.	1678-86	21	9	23836017	Zhao, J; et al.
2013	Txnip contributes to impaired glucose tolerance by upregulating the expression of genes involved in hepatic gluconeogenesis in mice	Diabetologia	2723-32	56	12	24037087	Jo, SH; et al.
2013	The Arabidopsis RING E3 ubiquitin ligase AtAIRP3/LOG2 participates in positive regulation of high-salt and drought stress responses	Plant Physiol.	1733-49	162	3	23696092	Kim, JH; et al.
2013	Prognostic significance of Fbw7 in human melanoma and its role in cell migration	J. Invest. Dermatol.	1794-802	133	7	23381582	Cheng, Y; et al.
2013	Syntaxin-3 is required for melanosomal localization of Tyrp1 in melanocytes	J. Invest. Dermatol.	2237-46	133	9	23549422	Yatsu, A; et al.

2013	Loss of Git2 induces epithelial-mesenchymal transition by mi-R146a-Cnot6L-controlled expression of Zeb1	J. Cell. Sci.	2740-6	126	Pt 12	23591815	Zhou, W; et al.
2013	Vinexin- β protects against cardiac hypertrophy by blocking the Akt-dependent signalling pathway	Basic Res. Cardiol.	338	108	2	23429936	Chen, K; et al.
2013	Over-expression of calpastatin aggravates cardiotoxicity induced by doxorubicin	Cardiovasc. Res.	381-90	98	3	23455548	Wang, Y; et al.
2013	JNK1/2 regulates ER-mitochondrial Ca ²⁺ cross-talk during IL-1 β -mediated cell death in RINm5F and human primary β -cells	Mol. Biol. Cell	2058-71	24	12	23615449	Verma, G; et al.
2013	Phenotypic and functional consequences of haploinsufficiency of genes from exocyst and retinoic acid pathway due to a recurrent microdeletion of 2p13.2	Orphanet J Rare Dis	100	8		23837398	Wen, J; et al.
2013	Interaction of CD99 with its paralog CD99L2 positively regulates CD99L2 trafficking to cell surfaces	J. Immunol.	5730-42	191	11	24133166	Nam, G; et al.
2013	Characterization of NADPH oxidase 5 expression in human tumors and tumor cell lines with a novel mouse monoclonal antibody	Free Radic. Biol. Med.	497-508	65		23851018	Antony, S; et al.
2013	Posttranscriptional gene regulation of IL-17 by the RNA-binding protein HuR is required for initiation of experimental autoimmune encephalomyelitis	J. Immunol.	5441-50	191	11	24166976	Chen, J; et al.
2013	Identification of the Mycobacterium tuberculosis protein PE-PGRS62 as a novel effector that functions to block phagosome maturation and inhibit iNOS expression	Cell. Microbiol.	795-808	15	5	23167250	Thi, EP; et al.
2013	JWA inhibits melanoma angiogenesis by suppressing ILK signaling and is an independent prognostic biomarker for melanoma	Carcinogenesis	2778-88	34	12	24064223	Lu, J; et al.
2013	MicroRNA-27 (miR-27) targets prohibitin and impairs adipocyte differentiation and mitochondrial function in human adipose-derived stem cells	J. Biol. Chem.	34394-402	288	48	24133204	Kang, T; et al.
2013	Distinct microRNA expression profile and targeted biological pathways in functional myeloid-derived suppressor cells induced by Δ 9-tetrahydrocannabinol in vivo regulation of CCAAT/enhancer-binding protein α by microRNA-690	J. Biol. Chem.	36810-26	288	52	24202177	Hegde, VL; et al.
2013	Direct regulation of nephrin tyrosine phosphorylation by Nck adaptor proteins	J. Biol. Chem.	1500-10	288	3	23188823	New, LA; et al.
2013	The interaction of caveolin 3 protein with the potassium inward rectifier channel Kir2.1 physiology and pathology related to long qt syndrome 9 (LQT9)	J. Biol. Chem.	17472-80	288	24	23640888	Vaidyanathan, R; et al.
2013	A transmembrane domain and GxxxG motifs within L2 are essential for papillomavirus infection	J. Virol.	464-73	87	1	23097431	Bronnimann, MP; et al.
2013	Sophoraflavanone G induces apoptosis of human cancer cells by targeting upstream signals of STATs	Biochem. Pharmacol.	950-9	86	7	23962443	Kim, BH; et al.
2013	AMPK regulates ER morphology and function in stressed pancreatic β -cells via phosphorylation of DRP1	Mol. Endocrinol.	1706-23	27	10	23979843	Wikstrom, JD; et al.
2013	A novel compound, denosomin, ameliorates spinal cord injury via axonal growth associated with astrocyte-secreted vimentin	Br. J. Pharmacol.	903-19	168	4	22978525	Teshigawara, K; et al.
2013	Nucleophosmin 1, upregulated in adenomas and cancers of the colon, inhibits p53-mediated cellular senescence	Int. J. Cancer	1567-77	133	7	23536448	Wong, JC; et al.
2013	ING4 regulates JWA in angiogenesis and their prognostic value in melanoma patients	Br. J. Cancer	2842-52	109	11	24157826	Lu, J; et al.
2013	Induction of BAFF expression by IFN- γ via JAK/STAT signaling pathways in human intestinal epithelial cells	J. Leukoc. Biol.	363-8	93	3	23271704	Woo, SJ; et al.
2013	Loss of miR-29b following acute ischemic stroke contributes to neural cell death and infarct size	J. Cereb. Blood Flow Metab.	1197-206	33	8	23632968	Khanna, S; et al.
2013	Identification of biological properties of intralymphatic tumor related to the development of lymph node metastasis in lung adenocarcinoma	PLoS ONE	e83537	8	12	24376714	Kirita, K; et al.
2013	Decreased tumor progression and invasion by a novel anti-cell motility target for human colorectal carcinoma cells	PLoS ONE	e66439	8	6	23755307	Jin, Q; et al.
2013	The expression and localization of N-myc downstream-regulated gene 1 in human trophoblasts	PLoS ONE	e75473	8	9	24066183	Shi, XH; et al.
2013	Fer protein-tyrosine kinase promotes lung adenocarcinoma cell invasion and tumor metastasis	Mol. Cancer Res.	952-63	11	8	23699534	Ahn, J; et al.
2013	MicroRNA-138 regulates hypoxia-induced endothelial cell dysfunction by targeting S100A1	PLoS ONE	e78684	8	11	24244340	Sen, A; et al.

2013	Tpl2 kinase impacts tumor growth and metastasis of clear cell renal cell carcinoma	Mol. Cancer Res.	1375-86	11	11	23982215	Lee, HW; et al.
2013	A role of kindlin-3 in integrin α M β 2 outside-in signaling and the Syk-Vav1-Rac1/Cdc42 signaling axis	PLoS ONE	e56911	8	2	23437269	Xue, ZH; et al.
2013	Identification of fat mass and obesity associated (FTO) protein expression in cardiomyocytes regulation by leptin and its contribution to leptin-induced hypertrophy	PLoS ONE	e74235	8	9	24019958	Gan, XT; et al.
2013	Conserved structural domains in FoxD4L1, a neural forkhead box transcription factor, are required to repress or activate target genes	PLoS ONE	e61845	8	4	23610594	Klein, SL; et al.
2013	Overexpression of LIM and SH3 Protein 1 leading to accelerated G2/M phase transition contributes to enhanced tumorigenesis in oral cancer	PLoS ONE	e83187	8	12	24386158	Shimizu, F; et al.
2013	Disease progression and patient survival are significantly influenced by BRAF protein expression in primary melanoma	Br. J. Dermatol.	320-8	169	2	23550516	Safaei Ar-dekani, G; et al.
2013	Downregulation of TRAF2 mediates NIK-induced pancreatic cancer cell proliferation and tumorigenicity	PLoS ONE	e53676	8	1	23301098	D?pppler, H; et al.
2013	Few single nucleotide variations in exomes of human cord blood induced pluripotent stem cells	PLoS ONE	e59908	8	4	23573220	Su, RJ; et al.
2013	Effect of age and cytoskeletal elements on the indentation-dependent mechanical properties of chondrocytes	PLoS ONE	e61651	8	4	23613892	Chahine, NO; et al.
2013	Microenvironmental regulation of BRCA1 gene expression by c-Jun and Fra2 in premalignant human ovarian surface epithelial cells	Mol. Cancer Res.	272-81	11	3	23339184	Zhou, L; et al.
2013	Efficient generation of integration-free ips cells from human adult peripheral blood using BCL-XL together with Yamanaka factors	PLoS ONE	e64496	8	5	23704989	Su, RJ; et al.
2013	Two non-coding RNAs, MicroRNA-101 and HOTTIP contribute cartilage integrity by epigenetic and homeotic regulation of integrin- α 1	Cell. Signal.	2878-87	25	12	24018042	Kim, D; et al.
2013	In vitro polyphenolics erythrocyte model and in vivo chicken embryo model revealed gallic acid to be a potential hemorrhage inducer physicochemical action mechanisms	Chem. Res. Toxicol.	325-35	26	3	23406025	Ker, YB; et al.
2013	Site-specific modulation of brain glucocorticoid receptor and corticotropin-releasing hormone expression using lentiviral vectors	Mol. Cell. Endocrinol.	160-5	371	####	23261985	Laryea, G; et al.
2013	Polycyclic aromatic hydrocarbon (PAH)-mediated upregulation of hepatic microRNA-181 family promotes cancer cell migration by targeting MAPK phosphatase-5, regulating the activation of p38 MAPK	Toxicol. Appl. Pharmacol.	130-9	273	1	23993976	Song, MK; et al.
2013	Establishment of feline intestinal epithelial cell cultures for the propagation and study of feline enteric coronaviruses	Vet. Res.	71	44		23964891	Desmarests, LM; et al.
2013	Biochemical and biological characterization of exosomes containing prominin-1/CD133	Mol. Cancer	62	12		23767874	Rappa, G; et al.
2013	Hairless down-regulates expression of Msx2 and its related target genes in hair follicles	J. Dermatol. Sci.	203-9	71	3	23702391	Kim, BK; et al.
2013	Addition of a single N-glycan to street rabies virus glycoprotein enhances virus production	J. Gen. Virol.	270-5	94	Pt 2	23114627	Yamada, K; et al.
2013	miR-15b suppression of Bcl-2 contributes to cerebral ischemic injury and is reversed by sevoflurane preconditioning	CNS Neurol Dis-ord Drug Targets	381-91	12	3	23469855	Shi, H; et al.
2013	The ribonuclease L-dependent antiviral roles of human 2',5'-oligoadenylate synthetase family members against hepatitis C virus	FEBS Lett.	156-64	587	2	23196181	Kwon, YC; et al.
2013	IGF-I attenuates FFA-induced activation of JNK1 phosphorylation and TNF α expression in human subcutaneous preadipocytes	Obesity (Silver Spring)	1843-9	21	9	23512893	Neacsu, O; et al.
2013	Enhanced wound healing, kinase and stem cell marker expression in diabetic organ-cultured human corneas upon MMP-10 and cathepsin F gene silencing	Invest. Ophthalmol. Vis. Sci.	8172-80	54	13	24255036	Saghizadeh, M; et al.
2013	miR-335 and miR-363 regulation of neuroblastoma tumorigenesis and metastasis	Surgery	226-33	154	2	23806264	Qiao, J; et al.
2013	Does oestradiol attenuate the damaging effects of a fructose-rich diet on cardiac Akt/endothelial nitric oxide synthase signalling?	Br. J. Nutr.	1940-8	109	11	23069112	Romic, S; et al.

2013	Cathepsin B activity has a crucial role in the developmental competence of bovine cumulus-oocyte complexes exposed to heat shock during in vitro maturation	Reproduction	407-17	146	4	23898216	Balboula, AZ; et al.
2013	Human collagen-based multilayer scaffolds for tendon-to-bone interface tissue engineering	J Biomed Mater Res A	4044-4054	102	11	24327550	Soo Kim, B; et al.
2013	Nucleus-localized 21.5-kDa myelin basic protein promotes oligodendrocyte proliferation and enhances neurite outgrowth in coculture, unlike the plasma membrane-associated 18.5-kDa isoform	J. Neurosci. Res.	349-62	91	3	23184356	Smith, GS; et al.
2013	Classification of nAChR β 2-immunoreactive retinal ganglion cells and their tectal projections in chicks	Cell Tissue Res.	881-6	354	3	23990103	Naito, J; et al.
2013	Compartmentalized, functional role of angiogenin during spot-ted fever group rickettsia-induced endothelial barrier dysfunction evidence of possible mediation by host tRNA-derived small noncoding RNAs	BMC Infect. Dis.	285	13		23800282	Gong, B; et al.
2013	The prognostic relevance of psammoma bodies and ultra-sonographic intratumoral calcifications in papillary thyroid carcinoma	World J Surg	2330-5	37	10	23716027	Pyo, JS; et al.
2013	Reactive oxygen species regulate context-dependent inhibition of NFAT5 target genes	Exp. Mol. Med.	e32	45		23867654	Kim, NH; et al.
2013	Isolation and characterization of indigenous endophytic bacteria associated with leaves of switchgrass (<i>Panicum virgatum</i> L.) cultivars	J. Appl. Microbiol.	836-53	114	3	23190162	Gagne-Bour-gue, F; et al.
2013	Genetic modification of primate amniotic fluid-derived stem cells produces pancreatic progenitor cells in vitro	Cells Tissues Organs (Print)	269-82	197	4	23306211	Zhou, Y; et al.
2013	Thermal stress and cellular signaling processes in hemocytes of native (<i>Mytilus californianus</i>) and invasive (<i>M. galloprovincialis</i>) mussels cell cycle regulation and DNA repair	Comp. Biochem. Physiol., Part A Mol. Integr. Physiol.	159-68	165	2	23454628	Yao, CL; et al.
2013	Structure-function analysis of yeast tubulin	Methods Cell Biol.	355-74	115		23973083	Luchniak, A; et al.
2013	15-Deoxy- Δ (12,14)-prostaglandin J(2) induces growth inhibition, cell cycle arrest and apoptosis in human endometrial cancer cell lines	Int. J. Mol. Med.	778-88	31	4	23403520	Li, H; et al.
2013	Increased alternative lengthening of telomere phenotypes of telomerase-negative immortal cells upon trichostatin--a treatment	Anticancer Res.	821-9	33	3	23482750	Jung, AR; et al.
2013	An in vivo transient expression system can be applied for rapid and effective selection of artificial microRNA constructs for plant stable genetic transformation	J Genet Genomics	261-70	40	5	23706301	Bhagwat, B; et al.
2013	Effect of water-soluble fraction of cherry tomatoes on the adhesion of probiotics and Salmonella to intestinal epithelial cells	J. Sci. Food Agric.	3897-900	93	15	23749725	Koh, JH; et al.
2013	Activation of nuclear factor- κ B contributes to growth and aggressiveness of papillary thyroid carcinoma	Pathol. Res. Pract.	228-32	209	4	23528368	Pyo, JS; et al.
2013	Effects of parafibromin expression on the phenotypes and relevant mechanisms in the DLD-1 colon carcinoma cell line	Asian Pac. J. Cancer Prev.	4249-54	14	7	23991985	Zhao, S; et al.
2013	PKA-induced dimerization of the RhoGAP DLC1 promotes its inhibition of tumorigenesis and metastasis	Nat Commun	1618	4		23511482	Ko, FC; et al.
2013	A potential role of UBC28 interacting RING finger protein TaRF1 in spike development of wheat	Journal of Plant Biochem. and Biotech.	421-429	23	4	10.1007/s13562-013-0227-5	Hong, MJ; et al.
2013	Nor-1, a novel incretin-responsive regulator of insulin genes and insulin secretion	Mol Metab	243-55	2	3	24044104	Ordelleide, AM; et al.
2013	Pharmacological inhibition of S-nitrosoglutathione reductase improves endothelial vasodilatory function in rats in vivo	J. Appl. Physiol.	752-60	114	6	23349456	Chen, Q; et al.
2013	Single or multiple gene silencing directed by U6 promoter-based shRNA vectors facilitates efficient functional genome analysis in medicago truncatula	Plant Molecular Biology Reporter	963-977	31		10.1007/s11105-013-0562-7	Kim, GB; et al.
2013	Cells determine cell density using a small protein bound to a unique tissue-specific phospholipid	PeerJ	e192	1		24244914	Petzold, CJ; et al.
2013	Methods of analysis of the membrane trafficking pathway from recycling endosomes to lysosomes	Methods in enzymology	195-206	534		24359955	Matsui, T; et al.
2013	Mitochondrial DNA depletion sensitizes cancer cells to PARP inhibitors by translational and post-translational repression of BRCA2	Oncogenesis	e82	2		24336406	Arbini, AA; et al.

2013	MicroRNA-150 Regulates Lipid Metabolism and Inflammatory Response	Metabolic Syn-drome	106-116	48	2	10.1053/j.seminhematol.2011.02.001	Luo, N; et al.
2013	Detection of c-Myc protein-protein interactions and phosphorylation status by immunoprecipitation	Methods Mol. Biol.	65-76	1012		24006058	Daniel, CJ; et al.
2013	Estrogen signaling through estrogen receptor beta and G-protein-coupled estrogen receptor 1 in human cerebral vascular endothelial cells implications for cerebral aneurysms	Biomed Res Int	524324	2013		24319683	Tu, J; et al.
2013	Similar gene regulation patterns for growth inhibition of cancer cells by RP215 or anti-antigen receptors	Journal of Cancer Science & Therapy	200-208	5	6	10.4172/1948-5956.1000207	Tang, Y; et al.
2013	Endothelial gene expression and molecular changes in response to radiosurgery in in vitro and in vivo models of cerebral arterio-venous malformations	Biomed Res Int	408253	2013		24199192	Tu, J; et al.
2013	Validation of reference transcripts in strawberry (<i>Fragaria</i> spp.)	Mol. Genet. Genomics	671-81	288	12	24061528	Clancy, MA; et al.
2013	MicroRNA-181a suppresses salivary adenoid cystic carcinoma metastasis by targeting MAPK-Snai2 pathway	Biochim. Biophys. Acta	5258-66	1830	11	23911747	He, Q; et al.
2013	AXL mediates TRAIL resistance in esophageal adenocarcinoma	Neoplasia	296-304	15	3	23479507	Hong, J; et al.
2013	microRNA response elements-regulated TRAIL expression shows specific survival-suppressing activity on bladder cancer	J. Exp. Clin. Cancer Res.	10	32		23442927	Zhao, Y; et al.
2013	The role of the hexosamine biosynthesis pathway in control of hepatic glucose metabolism	Thesis				0	Al-Oanzi, ZH; et al.
2013	Differential evolution of duplicated medakafish mitf genes	Int. J. Biol. Sci.	496-508	9	5	23781143	Li, M; et al.
2013	Sequence analysis of the Toll-like receptor 2 gene of old world camels	Journal of Advanced Research	695-704	5		10.1016/j.jare.2013.09.001	Dahiya, SS; et al.
2013	Diabetes-induced increased oxidative stress in cardiomyocytes is sustained by a positive feedback loop involving Rho kinases and PKC β 2.	Am J Physiol Heart Circ Physiol	989-1000			10.1152/ajpheart.00416.2012	MacLeod, KM; et al.
2013	Functional display of complex cellulosomes on the yeast surface via adaptive assembly	ACS Synth Biol	14-21	2	1	23656322	Tsai, SL; et al.
2013	Mitochondrial dysfunction is an early event in aldosterone-induced podocyte injury	Am. J. Physiol. Renal Physiol.	F520-31	305	4	23761667	Su, M; et al.
2013	Genetic, morphological and cyanogen content evaluation of a new collection of Caribbean Lima bean (<i>Phaseolus lunatus</i> L.) landraces	Genetic Resources and Crop Evolution	2241-2252	60		10.1007/s100722-013-9989-9	Montero-Rojas, M; et al.
2013	PKA as the Effector of Beta-2-Adrenoreceptor Signaling Regulating Airway Smooth Muscle Relaxation	Thesis					Morgan, S; et al.
2013	Regulation of cyclic AMP response element binding and hippocampal plasticity-related genes by peroxisome proliferator-activated receptor α	Cell Rep	724-37	4	4	23972989	Roy, A; et al.
2013	Involvement of a Toxoplasma DEAD-box RNA Helicase in Post-transcriptional Gene Regulation	Thesis					Cherry, A; et al.
2013	Roles of microRNAs in Coxsackievirus B3 induced viral myocarditis	Thesis					Ye, X; et al.
2013	Role of Patched-1 Intracellular Domains in Canonical and Non-Canonical Hedgehog Signalling Events	Thesis					Harvey, M; et al.
2012	Targeting the Unfolded Protein Response in Glioblastoma Cells with the Fusion Protein EGF-SubA	PLOS one	e52265	7	12	10.1371/journal.pone.0052265	Prabhu, A; et al.
2012	Exome sequencing identifies MVK mutations in disseminated superficial actinic porokeratosis	Nat. Genet.	1156-60	44	10	22983302	Zhang, SQ; et al.
2012	Amino acid starvation induced by invasive bacterial pathogens triggers an innate host defense program	Cell Host Microbe	563-75	11	6	22704617	Tattoli, I; et al.
2012	The centrosomal protein Tax1 binding protein 2 is a novel tumor suppressor in hepatocellular carcinoma regulated by cyclin-dependent kinase 2	Hepatology	1770-81	56	5	22610972	Lai, WL; et al.
2012	ATX1-generated H3K4me3 is required for efficient elongation of transcription, not initiation, at ATX1-regulated genes	PLoS Genet.	e1003111	8	12	23284292	Ding, Y; et al.
2012	Human subtilase SKI-1/S1P is a master regulator of the HCV Lifecycle and a potential host cell target for developing indirect-acting antiviral agents	PLoS Pathog.	e1002468	8	1	22241994	Olmstead, AD; et al.
2012	Regulation of ERBB2 receptor by t-DARPP mediates trastuzumab resistance in human esophageal adenocarcinoma	Cancer Res.	4504-14	72	17	22745369	Hong, J; et al.

2012	The macrosatellite DXZ4 mediates CTCF-dependent long-range intrachromosomal interactions on the human inactive X chromosome	Hum. Mol. Genet.	4367-77	21	20	22791747	Horakova, AH; et al.
2012	Polydopamine-mediated immobilization of multiple bioactive molecules for the development of functional vascular graft materials	Biomaterials	8343-52	33	33	22917738	Lee, YB; et al.
2012	Negative regulation of miR-145 by C/EBP- β through the Akt pathway in cancer cells	Nucleic Acids Res.	6683-92	40	14	22495929	Sachdeva, M; et al.
2012	Astrocyte-originated ATP protects A β (1-42)-induced impairment of synaptic plasticity	J. Neurosci.	3081-7	32	9	22378880	Jung, ES; et al.
2012	Downregulation of endothelial microRNA-200b supports cutaneous wound angiogenesis by desilencing GATA binding protein 2 and vascular endothelial growth factor receptor 2	Arterioscler. Thromb. Vasc. Biol.	1372-82	32	6	22499991	Chan, YC; et al.
2012	An abundant, truncated human sulfonyleurea receptor 1 splice variant has prodiabetic properties and impairs sulfonyleurea action	Cell. Mol. Life Sci.	129-48	69	1	21671119	Schmid, D; et al.
2012	A mutation in VAPB that causes amyotrophic lateral sclerosis also causes a nuclear envelope defect	J. Cell. Sci.	2831-6	125	Pt 12	22454507	Tran, D; et al.
2012	Hydrolase controls cellular NAD, sirtuin, and secondary metabolites	Mol. Cell. Biol.	3743-55	32	18	22801369	Shimizu, M; et al.
2012	Rab GTPase regulation of retromer-mediated cargo export during endosome maturation	Mol. Biol. Cell	2505-15	23	13	22593205	Liu, TT; et al.
2012	The Rab21-GEF activity of Varp, but not its Rab32/38 effector function, is required for dendrite formation in melanocytes	Mol. Biol. Cell	669-78	23	4	22171327	Ohbayashi, N; et al.
2012	Atg16L1, an essential factor for canonical autophagy, participates in hormone secretion from PC12 cells independently of autophagic activity	Mol. Biol. Cell	3193-202	23	16	22740627	Ishibashi, K; et al.
2012	Impact of intravenous immunoglobulin on the dopaminergic system and immune response in the acute MPTP mouse model of Parkinson's disease	J Neuroinflammation	234	9		23046563	St-Amour, I; et al.
2012	Treatment with heme arginate alleviates adipose tissue inflammation and improves insulin sensitivity and glucose metabolism in a rat model of Human primary aldosteronism	Free Radic. Biol. Med.	2277-86	53	12	23089228	Jadhav, A; et al.
2012	The Rab interacting lysosomal protein (RILP) homology domain functions as a novel effector domain for small GTPase Rab36 Rab36 regulates retrograde melanosome transport in melanocytes	J. Biol. Chem.	28619-31	287	34	22740695	Matsui, T; et al.
2012	α 1- and α 5-containing laminins regulate the development of bile ducts via β 1 integrin signals	J. Biol. Chem.	28586-97	287	34	22761447	Tanimizu, N; et al.
2012	Hairless plays a role in formation of inner root sheath via regulation of Dlx3 gene	J. Biol. Chem.	16681-8	287	20	22442153	Kim, BK; et al.
2012	A novel regulatory factor recruits the nucleosome remodeling complex to wingless integrated (Wnt) signaling gene promoters in mouse embryonic stem cells	J. Biol. Chem.	41103-17	287	49	23074223	Kim, JJ; et al.
2012	Role of epithelial-stem cell interactions during dental cell differentiation	J. Biol. Chem.	10590-601	287	13	22298769	Arakaki, M; et al.
2012	Dynein dysfunction disrupts intracellular vesicle trafficking bi-directionally and perturbs synaptic vesicle docking via endocytic disturbances a potential mechanism underlying age-dependent impairment of cognitive function	Am. J. Pathol.	550-61	180	2	22182700	Kimura, N; et al.
2012	Inhibition of interferon regulatory factor 3 activation by paramyxovirus V protein	J. Virol.	7136-45	86	13	22532687	Irie, T; et al.
2012	Inhibition of TANK binding kinase 1 by herpes simplex virus 1 facilitates productive infection	J. Virol.	2188-96	86	4	22171259	Ma, Y; et al.
2012	Effect of a chronic treatment with 17 β -estradiol on striatal dopamine neurotransmission and the Akt/GSK3 signaling pathway in the brain of ovariectomized monkeys	Psychoneuroendocrinology	280-91	37	2	21763075	Sánchez, MG; et al.
2012	Identification of a divalent metal cation binding site in herpes simplex virus 1 (HSV-1) ICP8 required for HSV replication	J. Virol.	6825-34	86	12	22491472	Bryant, KF; et al.
2012	Class IA phosphatidylinositol 3-kinase p110 α regulates phagosome maturation	PLoS ONE	e43668	7	8	22928013	Thi, EP; et al.
2012	Glucose transporter 8 (GLUT8) regulates enterocyte fructose transport and global mammalian fructose utilization	Endocrinology	4181-91	153	9	22822162	DeBosch, BJ; et al.
2012	Piperine, an LXR α antagonist, protects against hepatic steatosis and improves insulin signaling in mice fed a high-fat diet	Biochem. Pharmacol.	1501-10	84	11	23000915	Jwa, H; et al.

2012	Rickettsiae induce microvascular hyperpermeability via phosphorylation of VE-cadherins evidence from atomic force microscopy and biochemical studies	PLoS Negl Trop Dis	e1699	6	6	22720111	Gong, B; et al.
2012	Molecular and structural characterization of the SH3 domain of AHI-1 in regulation of cellular resistance of BCR-ABL(+) chronic myeloid leukemia cells to tyrosine kinase inhibitors	Proteomics	2094-106	12	13	22623184	Liu, X; et al.
2012	The obesity-related peptide leptin sensitizes cardiac mitochondria to calcium-induced permeability transition pore opening and apoptosis	PLoS ONE	e41612	7	7	22848545	Marti-nez-Abundis, E; et al.
2012	The lymphotactin receptor is expressed in epithelial ovarian carcinoma and contributes to cell migration and proliferation	Mol. Cancer Res.	1419-29	10	11	22964431	Kim, M; et al.
2012	Bispecific engineered antibody domains (nanoantibodies) that interact noncompetitively with an HIV-1 neutralizing epitope and FcRn	PLoS ONE	e42288	7	8	22879932	Gong, R; et al.
2012	Resveratrol reduces prostate cancer growth and metastasis by inhibiting the Akt/MicroRNA-21 pathway	PLoS ONE	e51655	7	12	23272133	Sheth, S; et al.
2012	Targeting of CRMP-2 to the primary cilium is modulated by GSK-3 β	PLoS ONE	e48773	7	11	23185275	Ou, Y; et al.
2012	The Proto-oncogene PKC ζ regulates the alternative splicing of Bcl-x pre-mRNA	Mol. Cancer Res.	660-9	10	5	22522453	Shultz, JC; et al.
2012	Calbindin-D32k is localized to a subpopulation of neurons in the nervous system of the sea cucumber <i>Holothuria glaberrima</i> (Echinodermata)	PLoS ONE	e32689	7	3	22412907	Díaz-Balzac, CA; et al.
2012	Fractalkine receptor CX(3)CR1 is expressed in epithelial ovarian carcinoma cells and required for motility and adhesion to peritoneal mesothelial cells	Mol. Cancer Res.	43428	10	1	22064656	Kim, M; et al.
2012	Cortactin tyrosine phosphorylation promotes its deacetylation and inhibits cell spreading	PLoS ONE	e33662	7	3	22479425	Meiler, E; et al.
2012	PCR primers for metazoan nuclear 18S and 28S ribosomal DNA sequences	PLoS ONE	e46180	7	9	23049971	Machida, RJ; et al.
2012	HDAC6 inhibitor blocks amyloid beta-induced impairment of mitochondrial transport in hippocampal neurons	PLoS ONE	e42983	7	8	22937007	Kim, C; et al.
2012	Targeting the unfolded protein response in glioblastoma cells with the fusion protein EGF-SubA	PLoS ONE	e52265	7	12	23284962	Prabhu, A; et al.
2012	Gremlin-1 induces BMP-independent tumor cell proliferation, migration, and invasion	PLoS ONE	e35100	7	4	22514712	Kim, M; et al.
2012	Widespread expressions of immunoglobulin superfamily proteins in cancer cells	Cancer Immunol. Immunother.	89-99	61	1	21850469	Lee, G; et al.
2012	Leptin-induced cardiomyocyte hypertrophy reveals both calcium-dependent and calcium-independent/RhoA-dependent calcineurin activation and NFAT nuclear translocation	Cell. Signal.	2283-90	24	12	22917533	Rajapurohitam, V; et al.
2012	Specific domains of FoxD4/5 activate and repress neural transcription factor genes to control the progression of immature neural ectoderm to differentiating neural plate	Dev. Biol.	363-75	365	2	22425621	Neilson, KM; et al.
2012	Long-term methylglyoxal treatment impairs smooth muscle contractility in organ-cultured rat mesenteric artery	Pharmacol. Res.	91-9	65	1	21884795	Mukohda, M; et al.
2012	Histone recognition by human malignant brain tumor domains	J. Mol. Biol.	702-18	423	5	22954662	Nady, N; et al.
2012	Diabetes-induced increased oxidative stress in cardiomyocytes is sustained by a positive feedback loop involving Rho kinase and PKC ζ	Am. J. Physiol.-Heart Circ. Physiol.	H989-H1000	303	8	22865386	Soliman, H; et al.
2012	Mitf is a transcriptional activator of medaka germ genes in culture	Biochimie	759-67	94	3	22133614	Zhao, H; et al.
2012	Kinetics of nuclear-cytoplasmic translocation of Foxo1 and Foxo3A in adult skeletal muscle fibers	Am. J. Physiol., Cell Physiol.	C977-90	303	9	22932683	Schachter, TN; et al.
2012	A dynamic model of calcific nodule destabilization in response to monocyte- and oxidized lipid-induced matrix metalloproteinases	Am. J. Physiol., Cell Physiol.	C658-65	302	4	22031601	Li, R; et al.
2012	Ca $^{2+}$ signaling and gene transcription in glucose-stimulated insulinoma cells	Cell Calcium	137-51	52	2	22658828	Müller, I; et al.
2012	Simultaneous contraction and buckling of stress fibers in individual cells	J. Cell. Biochem.	824-32	113	3	22021050	Deguchi, S; et al.
2012	Modeling of lamin A/C mutation premature cardiac aging using patient specific induced pluripotent stem cells	Aging (Albany NY)	803-822	4	11	23362510	Siu, CW; et al.
2012	CLCA2, a target of the p53 family, negatively regulates cancer cell migration and invasion	Cancer Biol. Ther.	1512-21	13	14	22990203	Sasaki, Y; et al.

2012	Serial passage of a street rabies virus in mouse neuroblastoma cells resulted in attenuation potential role of the additional N-glycosylation of a viral glycoprotein in the reduced pathogenicity of street rabies virus	Virus Res.	34-45	165	1	22248643	Yamada, K; et al.
2012	Piperine, a component of black pepper, inhibits adipogenesis by antagonizing PPAR γ activity in 3T3-L1 cells	J. Agric. Food Chem.	3853-60	60	15	22463744	Park, UH; et al.
2012	Role of km23-1 in RhoA/actin-based cell migration	Biochem. Biophys. Res. Commun.	333-8	428	3	23079622	Jin, Q; et al.
2012	Angiopoietin-2 modulates Survivin expression in OxLDL-induced endothelial cell apoptosis	Biochem. Biophys. Res. Commun.	619-22	417	1	22182412	Li, R; et al.
2012	Lipasin, a novel nutritionally-regulated liver-enriched factor that regulates serum triglyceride levels	Biochem. Biophys. Res. Commun.	786-92	424	4	22809513	Zhang, R; et al.
2012	An enzymatic bridge between carbohydrate and amino acid metabolism regulation of glutamate dehydrogenase by reversible phosphorylation in a severe hypoxia-tolerant crayfish	J. Comp. Physiol. B, Biochem. Syst. Environ. Physiol.	331-40	182	3	22076534	Dawson, NJ; et al.
2012	Honeybee glands as possible infection reservoirs of Nosema ceranae and Nosema apis in naturally infected forager bees	J. Appl. Microbiol.	15-24	112	1	22053729	Copley, TR; et al.
2012	Role of NF- κ B and p38 MAPK activation in mediating angiotensin II and endothelin-1-induced stimulation in leptin production and cardiomyocyte hypertrophy	Mol. Cell. Bio-chem.	287-97	366	####	22527934	Rajapurohitam, V; et al.
2012	Immortalized porcine liver sinusoidal endothelial cells as an in vitro model of xenotransplantation-induced thrombocytopenia	Xenotransplantation	249-55	19	4	22909138	Wang, ZY; et al.
2012	Stromal cell-derived factor-1 α and macrophage migration-inhibitory factor induce metastatic behavior in CXCR4-expressing colon cancer cells	Int. J. Mol. Med.	1537-43	30	6	23023114	Shin, HN; et al.
2012	Damage of hair follicle stem cells and alteration of keratin expression in external radiation-induced acute alopecia	Int. J. Mol. Med.	579-84	30	3	22692500	Nanashima, N; et al.
2012	Infusion of a glucose solution reduces autophagy in the liver after LPS-induced systemic inflammation	Inflammation	249-58	35	1	21384092	Hagiwara, S; et al.
2012	Silkworm 30K protein inhibits ecdysone-induced apoptosis by blocking the binding of ultraspiracle to ecdysone receptor-B1 in cultured Bm5 cells	Arch. Insect Bio-chem. Physiol.	136-47	81	3	22890884	Kim, MY; et al.
2012	Cloning and sequence analysis of IL-2, IL-4 and IFN- γ from Indian Dromedary camels (Camelus dromedarius)	Res. Vet. Sci.	420-6	92	3	21529863	Nagarajan, G; et al.
2012	Carbohydrate-associated immunodominant epitope(s) of CA215	Immunol. Invest.	317-36	41	3	22122531	Lee, G; et al.
2012	Modulation of drug resistance in ovarian cancer cells by inhibition of protein kinase C- α (PKC- α) with small interference RNA (siRNA) agents	Asian Pac. J. Cancer Prev.	3631-6	13	8	23098446	Zhao, LJ; et al.
2012	Valproic acid downregulates the expression of MGMT and sensitizes temozolomide-resistant glioma cells	J. Biomed. Bio-technol.	987495	2012		22701311	Ryu, CH; et al.
2012	DBC1 does not function as a negative regulator of SIRT1 in liver cancer	Oncol Lett	873-877	4	5	23162614	Bae, HJ; et al.
2012	IL-23 directly enhances the proliferative and invasive activities of colorectal carcinoma	Oncol Lett	199-204	4	2	22844353	Suzuki, H; et al.
2012	Integration of cAMP and Ca ²⁺ signaling pathways Formation of a PDE1C and TrpC1 containing complex	Thesis					Xiao, H; et al.
2012	The differential effects of omega-6 and omega-3 polyunsaturated fatty acids on intestinal microbial ecology and host redox responses	Thesis					Rajendiran, E; et al.
2012	Identification of Modulators of Chemotherapeutic Resistance Using a Random shRNA Library	Thesis					Ramadas, R; et al.
2012	Inhibition of virus-like particle release of Sendai virus and Nipah virus, but not that of mumps virus, by tetherin/CD317/BST-2	Hiroshima J. Med. Sci.	59-67	61	3	23077864	Kong, WS; et al.
2012	Tetracycline repressor-based mammalian two-hybrid systems	Methods Mol. Biol.	259-73	812		22218865	Moncivais, K; et al.
2012	The Amyotrophic Lateral Sclerosis 8 Mutant VAPB-P56S Causes a Nuclear Envelope and Nuclear Pore Defect	Thesis					Chalhoub, A; et al.
2012	Biotin-assisted folding of streptavidin on the yeast surface	Biotechnol. Prog.	276-83	28	1	21990063	Lim, KH; et al.
2012	Compressive force induces the expression of bone remodeling-related proteins via interleukin-11 production in MC3T3-E1 cells	Journal of Hard Tissue Biology	65-74	21	1	10.2485/jhtb.21.65	Shionome, C; et al.

2012	Mechanism of deposition and functional characterization of the histone variant H2A. Z in <i>Saccharomyces cerevisiae</i>	Thesis					Wang, Y; et al.
2012	Prevalence and seasonality of <i>Nosema</i> species in Quebec honey bees	The Canadian Entomologist	577-588	144	4	10.4039/tce.2012.46	Copley, TR; et al.
2012	Bioaccumulation of Cadmium in Blue Green Algae <i>Spirulina</i> (<i>Arthrospira</i>) <i>Indica</i>	Journal of Biore-mediation and Biodegradation		3			Siva Kiran, RR; et al.
2012	Absence of Ca ²⁺ -stimulated adenylyl cyclases leads to reduced synaptic plasticity and impaired experience-dependent fear memory	Translational Psychiatry	126	2		22832970	Wieczorek, L; et al.
2012	Potential monoclonal antibody therapy for the treatment of ovarian cancer	Ovarian cancer basic science perspective	365-406			10.5772/27471	Lee, G; et al.
2012	Effect of chronic inescapable footshock and antidepressant treatment on BDNF/TrkB levels in rat hippocampus	Research & Reviews A Journal of Neuroscience	44531	2	2		Banerjee, R; et al.
2012	Role of Sox4 transcription factor in human cutaneous melanoma	Thesis					Jafarnejad Shourkaei, SM; et al.
2012	The atm-1 gene is required for genome stability in <i>Caenorhabditis elegans</i>	Mol. Genet. Genomics	325-35	287	4	22350747	Jones, MR; et al.
2012	Studies in phagosome maturation modulation by both the host phosphatidylinositol 3-kinase p110alpha and the mycobacterial protein PE-GRS62	Thesis					Thi, EP; et al.
2012	Development and application of honey bee in vitro systems	Thesis					Chan, MYM; et al.
2012	Infection of the Gut by HIV-1 The Pathogenic Role of the Nef Protein	Thesis					Grant, T; et al.
2012	Sirtuin 3 is a critical regulator of liver superoxide metabolism during early and late effects of whole body irradiation	Thesis					Coleman, MC; et al.
2012	Structural Analysis of No-go Decay and Ribosome Recycling in Archaea	Thesis					Franckenberg, S; et al.
2011	Oxygen-Inducible Glutamate Oxaloacetate Transaminase as Protective Switch Transforming Neurotoxic Glutamate to Metabolic Fuel During Acute Ischemic Stroke	Antioxid Redox Signal.	1777-1785	14	10	10.1089/ars.2011.3930	Khanna, S. et al
2011	Second messenger role for Mg ²⁺ revealed by human T-cell immunodeficiency	Nature	471-6	475	7357	21796205	Li, FY; et al.
2011	Activation of dopamine neurons is critical for aversive conditioning and prevention of generalized anxiety	Nat. Neurosci.	620-6	14	5	21499253	Zweifel, LS; et al.
2011	Absence of IFN- γ accelerates thrombus resolution through enhanced MMP-9 and VEGF expression in mice	J. Clin. Invest.	2911-20	121	7	21646723	Nosaka, M; et al.
2011	DARPP-32 increases interactions between epidermal growth factor receptor and ERBB3 to promote tumor resistance to gefitinib	Gastro-enterology	1738-48.e1-2	141	5	21741919	Zhu, S; et al.
2011	Two distinct roles of ARABIDOPSIS HOMOLOG OF TRITHO-RAX1 (ATX1) at promoters and within transcribed regions of ATX1-regulated genes	Plant Cell	350-63	23	1	21266657	Ding, Y; et al.
2011	Short-chain fatty acids induced autophagy serves as an adaptive strategy for retarding mitochondria-mediated apoptotic cell death	Cell Death Differ.	602-18	18	4	20930850	Tang, Y; et al.
2011	Caspase 3 as a therapeutic target for regulation of intervertebral disc degeneration in rabbits	Arthritis Rheum.	1648-57	63	6	21305515	Sudo, H; et al.
2011	Oxygen-inducible glutamate oxaloacetate transaminase as protective switch transforming neurotoxic glutamate to metabolic fuel during acute ischemic stroke	Antioxid. Redox Signal.	1777-85	14	10	21361730	Rink, C; et al.
2011	Real time responses of fibroblasts to plastically compressed fibrillar collagen hydrogels	Biomaterials	4761-72	32	21	21514662	Ghezzi, CE; et al.
2011	Tumour suppressor ING1b maintains genomic stability upon replication stress	Nucleic Acids Res.	3632-42	39	9	21227930	Wong, RP; et al.
2011	MicroRNA-101-mediated Akt activation and estrogen-independent growth	Oncogene	822-31	30	7	20956939	Sachdeva, M; et al.
2011	Prognostic significance of BRMS1 expression in human melanoma and its role in tumor angiogenesis	Oncogene	896-906	30	8	20935672	Li, J; et al.

2011	The contribution of NMDA receptor signaling in the corticobasal ganglia reward network to appetitive Pavlovian learning	J. Neurosci.	11362-9	31	31	21813695	Parker, JG; et al.
2011	Direct saliva transcriptome analysis	Clin. Chem.	1295-302	57	9	21791578	Lee, YH; et al.
2011	Cdc42-interacting protein 4 is a Src substrate that regulates invadopodia and invasiveness of breast tumors by promoting MT1-MMP endocytosis	J. Cell. Sci.	1739-51	124	Pt 10	21525036	Hu, J; et al.
2011	Key functional regions in the histone variant H2A.Z C-terminal docking domain	Mol. Cell. Biol.	3871-84	31	18	21791612	Wang, AY; et al.
2011	Deficiency in TIMP-3 increases cardiac rupture and mortality post-myocardial infarction via EGFR signaling beneficial effects of cetuximab	Basic Res. Cardiol.	459-71	106	3	21243368	Hammoud, L; et al.
2011	G-protein-coupled receptor for short-chain fatty acids suppresses colon cancer	Int. J. Cancer	847-56	128	4	20979106	Tang, Y; et al.
2011	Hypoxia-inducible factor-1alpha enhances haptoglobin gene expression by improving binding of STAT3 to the promoter	J. Biol. Chem.	8857-65	286	11	21224490	Oh, MK; et al.
2011	Rtt107 is required for recruitment of the SMC5/6 complex to DNA double strand breaks	J. Biol. Chem.	26250-7	286	29	21642432	Leung, GP; et al.
2011	Small GTPase Rab12 regulates constitutive degradation of trans-ferrin receptor	Traffic	1432-43	12	10	21718402	Matsui, T; et al.
2011	Fibrinogen is a ligand for the Staphylococcus aureus microbial surface components recognizing adhesive matrix molecules (MSCRAMM) bone sialoprotein-binding protein (Bbp)	J. Biol. Chem.	29797-805	286	34	21642438	Vazquez, V; et al.
2011	A herpesvirus virulence factor inhibits dendritic cell maturation through protein phosphatase 1 and Ikappa B kinase	J. Virol.	3397-407	85	7	21248029	Jin, H; et al.
2011	Novel dominant-negative mutant of GATA3 in HDR syndrome	J. Mol. Med.	43-50	89	1	21120445	Ohta, M; et al.
2011	Mest/Peg1 inhibits Wnt signalling through regulation of LRP6 glycosylation	Biochem. J.	263-9	436	2	21375506	Jung, H; et al.
2011	Transducer of Cdc42-dependent actin assembly promotes epi-dermal growth factor-induced cell motility and invasiveness	J. Biol. Chem.	2261-72	286	3	21062739	Hu, J; et al.
2011	Inhibition of VEGF induces cellular senescence in colorectal cancer cells	Int. J. Cancer	2115-23	129	9	21618508	Hasan, MR; et al.
2011	5-Aza-2'-deoxycytidine and interleukin-1 cooperate to regulate matrix metalloproteinase-3 gene expression	Int. J. Cancer	2083-92	129	9	21170958	Couillard, J; et al.
2011	Transcriptome analysis of aldosterone-regulated genes in human vascular endothelial cell lines stably expressing mineralocorticoid receptor	Mol. Cell. Endocrinol.	78-88	341	####	21664252	Sekizawa, N; et al.
2011	CDK7 and CCNH are components of CDK-activating kinase and are required for meiotic progression of pig oocytes	Biol. Reprod.	1124-32	85	6	21778139	Fujii, W; et al.
2011	Cloning and phylogenetic analysis of Interleukin-6 (IL-6) and tumor necrosis factor- α (TNF- α) from Indian dromedaries (Camelus dromedarius)	Comp. Immunol. Microbiol. Infect. Dis.	291-8	34	3	21367455	Nagarajan, G; et al.
2011	Adaptor protein Lnk binds to PDGF receptor and inhibits PDGF-dependent signaling	Exp. Hematol.	591-600	39	5	21310211	Gueller, S; et al.
2011	Characterization of a ranavirus inhibitor of the antiviral protein kinase PKR	BMC Microbiol.	56	11		21418572	Rothenburg, S; et al.
2011	Transformation of Botrytis cinerea by direct hyphal blasting or by wound-mediated transformation of sclerotia	BMC Microbiol.	266	11		22188865	Ish-Shalom, S; et al.
2011	Cucumber necrosis virus p20 is a viral suppressor of RNA silencing	Virus Res.	423-32	155	2	21144871	Hao, X; et al.
2011	Involvement of suppressor of cytokine signaling-1 in globular adiponectin-induced granulocyte colony-stimulating factor in RAW 264 cell	Mol. Immunol.	2052-8	48	15-16	21764457	Fujimoto, A; et al.
2011	Activation of Akt/GSK3 β and Akt/Bcl-2 signaling pathways in nickel-transformed BEAS-2B cells	Int. J. Oncol.	1285-94	39	5	21837363	Pan, JJ; et al.
2011	Phosphorylation of human DNMT1 implication of cyclin-de-pendent kinases	Biochem. Biophys. Res. Commun.	187-92	409	2	21565170	Lavoie, G; et al.
2011	Expression, adverse prognostic significance and therapeutic small molecule inhibition of Polo-like kinase 1 in multiple myeloma	Leuk. Res.	1637-43	35	12	21816470	Evans, RP; et al.
2011	Resistance of colorectal cancer cells to radiation and 5-FU is associated with MELK expression	Biochem. Biophys. Res. Commun.	207-13	412	2	21806965	Choi, S; et al.

2011	Cellular SNF2H chromatin-remodeling factor promotes herpes simplex virus 1 immediate-early gene expression and replication	MBio	e00330-10	2	1	21249171	Bryant, KF; et al.
2011	Megadose vitamin C suppresses sulfoconjugation in human colon carcinoma cell line Caco-2	Toxicol In Vitro	500-4	25	2	21144891	Tsuruta, H; et al.
2011	Root hair-specific EXPANSIN A7 is required for root hair elongation in Arabidopsis	Mol. Cells	393-7	31	4	21359675	Lin, C; et al.
2011	SNARE-mediated membrane traffic is required for focal adhesion kinase signaling and Src-regulated focal adhesion turnover	Biochim. Biophys. Acta	148-58	1813	1	20888376	Skalski, M; et al.
2011	The Characterization of atm-1 in Caenorhabditis elegans	Thesis					Huang, C; et al.
2011	Potential role of LMP2 as tumor-suppressor defines new targets for uterine leiomyosarcoma therapy	Sci Rep	180	1		22355695	Hayashi, T; et al.
2011	SIRT3 Is a Mitochondrial Tumor Suppressor and Genetic Loss Results in a Murine Model for ER/PR-Positive Mammary Tumors Connecting Metabolism and Carcinogenesis.	Grant					Gius, D; et al.
2011	CHL-1 provides an essential function affecting cell proliferation and chromosome stability in Caenorhabditis elegans	DNA Repair (Amst.)	1174-82	10	11	21968058	Chung, G; et al.
2011	Molecular differentiation and diversity of cassava (Manihot esculenta) taken from 162 locations across Puerto Rico and assessed with microsatellite markers	AoB Plants		2011		10.1093/aobpla/plr010	Montero-Rojas, M; et al.
2011	Rapid, specific and quantitative polymerase chain reaction (PCR) detection of pathogenic protozoa Entamoeba histolytica for drinking water supply	Water Science & Technology Water Supply	418-425	11	4	10.2166/ws.2011.057	Lam, SW; et al.
2011	Non-muscle myosin II induces disassembly of actin stress fibres independently of myosin light chain dephosphorylation	Interface Focus	754-66	1	5	23050080	Matsui, TS; et al.
2011	Effect of protein coating on the delivery performance of liposomes	Thesis					Rabinsky, EF; et al.
2011	Short interfering RNA against STAT1 attenuates cisplatin-induced ototoxicity in the rat by suppressing inflammation	Cell Death Dis	e180	2		21776018	Kaur, T; et al.
2011	Development of an inducible and reversible mouse model of podocyte effacement	Thesis					Stringer, CDM; et al.
2011	Cdc42-Interacting Protein Family Adaptors Regulate Endocytosis, Membrane Trafficking, Migration, and Invasion in Cancer Cells	Thesis					Hu, J; et al.
2011	In vitro metabolism of 20 (S)-protopanaxadiol and its interaction with cytochrome P450 3A4	Thesis					Chiu, NT; et al.
2011	Artificial Cellulosomes and Arsenic Cleanup From Single Cell Programming to Synthetic Yeast Consortium	Thesis					Tsai, SL; et al.
2011	The role of tumor suppressor Inhibitor of Growth 1 in lesion bypass pathway and genomic stability	Thesis					Wong, PCR; et al.
2010	SIRT3 is a mitochondria-localized tumor suppressor required for maintenance of mitochondrial integrity and metabolism during stress	Cancer Cell	41-52	17	1	20129246	Kim, HS; et al.
2010	Sirt3-mediated deacetylation of evolutionarily conserved lysine 122 regulates MnSOD activity in response to stress	Mol. Cell	893-904	40	6	21172655	Tao, R; et al.
2010	Casein kinase 2 regulates the NR2 subunit composition of synaptic NMDA receptors	Neuron	984-96	67	6	20869595	Sanz-Clemente, A; et al.
2010	Coronaviruses Hijack the LC3-I-positive Endosomes, ER-derived vesicles exporting short-lived ERAD regulators, for replication	Cell Host Microbe	500-8	7	6	20542253	Reggiori, F; et al.
2010	Characterization of phosphoglycerate kinase-1 expression of stromal cells derived from tumor microenvironment in prostate cancer progression	Cancer Res.	471-80	70	2	20068185	Wang, J; et al.
2010	PINK1 is selectively stabilized on impaired mitochondria to activate Parkin	PLoS Biol.	e1000298	8	1	20126261	Narendra, DP; et al.
2010	Cell cycle regulator ING4 is a suppressor of melanoma angiogenesis that is regulated by the metastasis suppressor BRMS1	Cancer Res.	10445-53	70	24	21056991	Li, J; et al.
2010	MicroRNA-145 suppresses cell invasion and metastasis by directly targeting mucin 1	Cancer Res.	378-87	70	1	19996288	Sachdeva, M; et al.
2010	The tumor suppressor ING3 is degraded by SCF(Skp2)-mediated ubiquitin-proteasome system	Oncogene	1498-508	29	10	19935701	Chen, G; et al.

2010	Ubc9 promotes breast cell invasion and metastasis in a sumoylation-independent manner	Oncogene	1763-72	29	12	20023705	Zhu, S; et al.
2010	Oxidized low-density lipoprotein-activated c-Jun NH2-terminal kinase regulates manganese superoxide dismutase ubiquitination implication for mitochondrial redox status and apoptosis	Arterioscler. Thromb. Vasc. Biol.	436-41	30	3	20139358	Takabe, W; et al.
2010	Proteomics, genomics, and pathway analyses of Escherichia coli and Staphylococcus aureus infected milk whey reveal molecular pathways and networks involved in mastitis	J. Proteome Res.	4604-19	9	9	20704270	Ibe-aga-Awemu, EM; et al.
2010	Secreted protein acidic and rich in cysteine-induced cellular senescence in colorectal cancers in response to irinotecan is mediated by P53	Carcinogenesis	812-9	31	5	20164124	Chan, JM; et al.
2010	Phosphorylation of histone H2A.X by DNA-dependent protein kinase is not affected by core histone acetylation, but it alters nucleosome stability and histone H1 binding	J. Biol. Chem.	17778-88	285	23	20356835	Li, A; et al.
2010	The tumor suppressor protein HBP1 is a novel c-myc-binding protein that negatively regulates c-myc transcriptional activity	J. Biol. Chem.	4847-58	285	7	20008325	Escamilla-Powers, JR; et al.
2010	Ligand-specific antibodies to insulin-like growth factors suppress intestinal polyp formation in Apc ^{+/+} mice	Mol. Cancer Ther.	419-28	9	2	20103605	Matsunaka, T; et al.
2010	Cytotoxicity of ORF3 proteins from a nonpathogenic and a pathogenic porcine circovirus	J. Virol.	11440-7	84	21	20810737	Chaiyakul, M; et al.
2010	Activation of the interferon response by human cytomegalovirus occurs via cytoplasmic double-stranded DNA but not glycoprotein B	J. Virol.	8913-25	84	17	20573816	DeFilippis, VR; et al.
2010	Prognostic significance of Sox4 expression in human cutaneous melanoma and its role in cell migration and invasion	Am. J. Pathol.	2741-52	177	6	20952589	Jafarnejad, SM; et al.
2010	Activation of Erk by sonic hedgehog independent of canonical hedgehog signalling	Int. J. Biochem. Cell Biol.	1462-71	42	9	20451654	Chang, H; et al.
2010	Lymphoid enhancer factor-1 mediates loading of Pax3 to a promoter harbouring lymphoid enhancer factor-1 binding sites resulting in enhancement of transcription	Int. J. Biochem. Cell Biol.	630-40	42	5	20006729	Christova, T; et al.
2010	Ultrafine particles from diesel vehicle emissions at different driving cycles induce differential vascular pro-inflammatory responses implication of chemical components and NF-kappaB signaling	Part Fibre Toxicol	6	7		20307321	Li, R; et al.
2010	Adaptor protein Lnk inhibits c-Fms-mediated macrophage function	J. Leukoc. Biol.	699-706	88	4	20571037	Gueller, S; et al.
2010	Development and characterization of a human articular cartilage-derived chondrocyte cell line that retains chondrocyte phenotype	J. Cell. Physiol.	695-702	222	3	20020445	Hoffman, BE; et al.
2010	Growth inhibition of tumor cells in vitro by using monoclonal antibodies against gonadotropin-releasing hormone receptor	Cancer Immunol. Immunother.	1011-9	59	7	20182875	Lee, G; et al.
2010	Inhibition of in vitro tumor cell growth by RP215 monoclonal antibody and antibodies raised against its anti-idiotypic antibodies	Cancer Immunol. Immunother.	1347-56	59	9	20473495	Lee, G; et al.
2010	Fps/Fes protein-tyrosine kinase regulates mast cell adhesion and migration downstream of Kit and beta1 integrin receptors	Cell. Signal.	427-36	22	3	19892014	Smith, JA; et al.
2010	Production of biohydrogen by recombinant expression of [NiFe]-hydrogenase 1 in Escherichia coli	Microb. Cell Fact.	54	9		20604966	Kim, JY; et al.
2010	Immortalized mouse floxed Bmp2 dental papilla mesenchymal cell lines preserve odontoblastic phenotype and respond to BMP2	J. Cell. Physiol.	132-9	225	1	20458728	Wu, LA; et al.
2010	MMP20 hemopexin domain mutation in amelogenesis imperfecta	J. Dent. Res.	46-50	89	1	19966041	Lee, SK; et al.
2010	t-DARPP regulates phosphatidylinositol-3-kinase-dependent cell growth in breast cancer	Mol. Cancer	240	9		20836878	Vangamudi, B; et al.
2010	Generation of a triple-gene knockout mammalian cell line using engineered zinc-finger nucleases	Biotechnol. Bioeng.	97-105	106	1	20047187	Liu, PQ; et al.
2010	Diesel exhaust particles modulate vascular endothelial cell permeability implication of ZO-1 expression	Toxicol. Lett.	163-8	197	3	20576493	Li, R; et al.
2010	Significance of the YLDL motif in the M protein and Alix/AIP1 for Sendai virus budding in the context of virus infection	Virology	334-41	405	2	20605035	Irie, T; et al.

2010	Hypoxia-selective growth inhibition of cancer cells by furospi-nosulin-1, a furanosesterterpene isolated from an Indonesian marine sponge	ChemMedChem	1919-26	5	11	20839272	Arai, M; et al.
2010	Cilostazol attenuates ischemic brain injury and enhances neuro-genesis in the subventricular zone of adult mice after transient focal cerebral ischemia	Neuroscience	1367-76	171	4	20933581	Tanaka, Y; et al.
2010	Involvement of the JAK-STAT pathway and SOCS3 in the regula-tion of adiponectin-generated reactive oxygen species in murine macrophage RAW 264 cells	J. Cell. Biochem.	597-606	111	3	20564237	Akifusa, S; et al.
2010	Involvement of inactive GSK3beta overexpression in tumorigen-esis and progression of gastric carcinomas	Hum. Pathol.	1255-64	41	9	20447678	Zheng, HC; et al.
2010	Regulation of apoptosis in nucleus pulposus cells by optimized exogenous Bcl-2 overexpression	J. Orthop. Res.	1608-13	28	12	20589931	Sudo, H; et al.
2010	Molecular characterization of Legionella pneumophila-induced interleukin-8 expression in T cells	BMC Microbiol.	1	10		20051107	Takamatsu, R; et al.
2010	Regulation of cholesterol efflux by amyloid beta secretion	J. Neurosci. Res.	1985-94	88	9	20155813	Umeda, T; et al.
2010	Striatal Akt/GSK3 signaling pathway in the development of L-Dopa-induced dyskinesias in MPTP monkeys	Prog. Neuropsychopharmacol. Biol. Psychiatry	446-54	34	3	20026151	Morissette, M; et al.
2010	Proteome profile and lentiviral transduction of cultured honey bee (Apis mellifera L.) cells	Insect Mol. Biol.	653-8	19	5	20546039	Chan, MM; et al.
2010	Ectopic coexpression of keratin 8 and 18 promotes invasion of transformed keratinocytes and is induced in patients with cutaneous squamous cell carcinoma	Biochem. Biophys. Res. Commun.	365-72	399	3	20659422	Yamashiro, Y; et al.
2010	Actin stress fibers are at a tipping point between conventional shortening and rapid disassembly at physiological levels of MgATP	Biochem. Biophys. Res. Commun.	301-6	395	3	20353757	Matsui, TS; et al.
2010	In vitro and in vivo interaction of AtRma2 E3 ubiquitin ligase and auxin binding protein 1	Biochem. Biophys. Res. Commun.	492-7	393	3	20152813	Son, O; et al.
2010	Cathepsin B activity is related to the quality of bovine cumulus oocyte complexes and its inhibition can improve their develop-mental competence	Mol. Reprod. Dev.	439-48	77	5	20198711	Balboula, AZ; et al.
2010	Mechanical stretch enhances NF-kappaB-dependent gene ex-pression and poly(ADP-ribose) synthesis in synovial cells	J. Biochem.	633-44	147	5	20053785	Morisugi, T; et al.
2010	Analysis of fungal gene expression by Real Time quantitative PCR	Methods Mol. Biol.	103-14	638		20238263	Ish-Shalom, S; et al.
2010	Membrane proteomic analysis of pancreatic cancer cells	J. Biomed. Sci.	74	17		20831833	Liu, X; et al.
2010	LGI3 interacts with flotillin-1 to mediate APP trafficking and exosome formation	Neuroreport	606-10	21	9	20461023	Okabayashi, S; et al.
2010	Hypoxia affected SDF-1alpha-CXCR4 interaction between bone marrow stem cells and osteoblasts via osteoclast modulation	Acta Haematol.	43-7	123	1	19955710	Cho, KA; et al.
2010	Investigating histone methylation in yeast regulation of H3K4me3, and the role of the methyl-histone binding domains of Isw1b	Thesis					Johnson, I; et al.
2010	Role of tumor suppressor ing4 in human cutaneous melanoma pathogenesis and progression	Thesis					Li, J; et al.
2010	Host-pathogen interactions of secreted and surface Staphylococcus aureus factors	Thesis					Vazquez, V; et al.
2010	The ALS8-associated P56S mutation of VAPB alters ER morphol-ogy and ER function	Thesis					Tran, D; et al.
2010	Molecular and Cellular Studies of Drosophila Neuroserpin Spn4A and its Polymer-Forming Mutants	Thesis					Lai, CCL; et al.
2010	Genome-wide analysis of chromatin modification patterns and their functional associations with major cellular processes in Saccharomyces cerevisiae	Thesis					Schulze, JM; et al.
2010	Regulation of Ack1 localization and activity by the amino-termi-nal SAM domain	BMC Biochem.	42	11		20979614	Prieto-Echagüe, V; et al.
2009	Primary cilia can both mediate and suppress Hedgehog path-way-dependent tumorigenesis	Nat. Med.	1055-61	15	9	19701205	Wong, SY; et al.
2009	Rapid evolution of protein kinase PKR alters sensitivity to viral inhibitors	Nat. Struct. Mol. Biol.	63-70	16	1	19043413	Rothenburg, S; et al.

2009	Mutation of a gene essential for ribosome biogenesis, EMG1, causes Bowen-Conradi syndrome	Am. J. Hum. Genet.	728-39	84	6	19463982	Armistead, J; et al.
2009	AP-2gamma promotes proliferation in breast tumour cells by direct repression of the CDKN1A gene	EMBO J.	3591-601	28	22	19798054	Williams, CM; et al.
2009	The Axin1 scaffold protein promotes formation of a degradation complex for c-Myc	EMBO J.	500-12	28	5	19131971	Arnold, HK; et al.
2009	Regulators of yeast endocytosis identified by systematic quantitative analysis	J. Cell Biol.	1097-110	185	6	19506040	Burston, HE; et al.
2009	p53 represses c-Myc through induction of the tumor suppressor miR-145	Proc. Natl. Acad. Sci. U.S.A.	3207-12	106	9	19202062	Sachdeva, M; et al.
2009	Drought stress-induced Rma1H1, a RING membrane-anchor E3 ubiquitin ligase homolog, regulates aquaporin levels via ubiquitination in transgenic Arabidopsis plants	Plant Cell	622-41	21	2	19234086	Lee, HK; et al.
2009	MicroRNA-mediated regulation of Ubc9 expression in cancer cells	Clin. Cancer Res.	1550-7	15	5	19223510	Wu, F; et al.
2009	Dual functions of Nicotiana benthamiana Rae1 in interphase and mitosis	Plant J.	278-91	59	2	19392703	Lee, JY; et al.
2009	Alpha1-AMP-activated protein kinase regulates hypoxia-induced Na,K-ATPase endocytosis via direct phosphorylation of protein kinase C zeta	Mol. Cell. Biol.	3455-64	29	13	19380482	Gusarova, GA; et al.
2009	Contributions of F-BAR and SH2 domains of Fes protein tyrosine kinase for coupling to the Fc epsilon RI pathway in mast cells	Mol. Cell. Biol.	389-401	29	2	19001085	McPherson, VA; et al.
2009	Fibroblast growth factor receptor-induced phosphorylation of ephrinB1 modulates its interaction with Dishevelled	Mol. Biol. Cell	124-33	20	1	19005214	Lee, HS; et al.
2009	SH2 domain-containing phosphatase-2 protein-tyrosine phosphatase promotes Fc epsilon RI-induced activation of Fyn and Erk pathways leading to TNF alpha release from bone marrow-derived mast cells	J. Immunol.	4940-7	183	8	19786542	McPherson, VA; et al.
2009	Autoprocessing of the Escherichia coli AIDA-I autotransporter: a new mechanism involving acidic residues in the junction region	J. Biol. Chem.	17340-51	284	25	19398552	Charbonneau, ME; et al.
2009	Corneal dystrophy-associated R124H mutation disrupts TGFBI interaction with Periostin and causes mislocalization to the lysosome	J. Biol. Chem.	19580-91	284	29	19478074	Kim, BY; et al.
2009	Control of TANK-binding kinase 1-mediated signaling by the gamma(1)34.5 protein of herpes simplex virus 1	J. Biol. Chem.	1097-105	284	2	19010780	Verpooten, D; et al.
2009	Heme oxygenase system enhances insulin sensitivity and glucose metabolism in streptozotocin-induced diabetes	Am. J. Physiol. Endocrinol. Metab.	E829-41	296	4	19190261	Ndisang, JF; et al.
2009	Cancer genomics identifies regulatory gene networks associated with the transition from dysplasia to advanced lung adenocarcinomas induced by c-Raf-1	PLoS ONE	e7315	4	10	19812696	Rohrbeck, A; et al.
2009	RGS16 is a marker for prognosis in colorectal cancer	Ann. Surg. Oncol.	3507-14	16	12	19760045	Miyoshi, N; et al.
2009	F-BAR-containing adaptor CIP4 localizes to early endosomes and regulates Epidermal Growth Factor Receptor trafficking and downregulation	Cell. Signal.	1686-97	21	11	19632321	Hu, J; et al.
2009	A mental retardation gene, motopsin/neurotrypsin/prss12, modulates hippocampal function and social interaction	Eur. J. Neurosci.	2368-78	30	12	20092579	Mitsui, S; et al.
2009	Bacterial biofilm-community selection during autohydrogenotrophic reduction of nitrate and perchlorate in ion-exchange brine	Appl. Microbiol. Biotechnol.	1169-77	81	6	19066883	Ahn, CH; et al.
2009	Expression of the adaptor protein Lnk in leukemia cells	Exp. Hematol.	585-592.e2	37	5	19375649	Gery, S; et al.
2009	Systematic validation of predicted microRNAs for cyclin D1	BMC Cancer	194	9		19538740	Jiang, Q; et al.
2009	The Sts proteins target tyrosine phosphorylated, ubiquitinated proteins within TCR signaling pathways	Mol. Immunol.	3224-31	46	16	19733910	Carpino, N; et al.
2009	Cancer cell expressions of immunoglobulin heavy chains with unique carbohydrate-associated biomarker	Cancer Biomark	177-88	5	4	19729827	Lee, G; et al.
2009	Calpain-1 induces apoptosis in pulmonary microvascular endothelial cells under septic conditions	Microvasc. Res.	33-9	78	1	19379762	Hu, H; et al.
2009	Fresco restoration digital image processing approach	European Signal Processing Conference	1210-1214				Blazek, J; et al.

2009	Regulation of Tail Muscle Energetics During Anoxia in the Freshwater Crayfish, <i>Orconectes Virilis</i>	Thesis					Dawson, N; et al.
2009	A Novel Protein Arginine Methyltransferase Interacts with the RNA Induced Silencing Complex Component, MUT70, and Is Required For RNA Interference in <i>Chlamydomonas reinhardtii</i>	Dissertations and Theses in Biological Sciences					Becker, J; et al.
2009	The Molecular and Genetic Interactions Between Pax3 and Alx4	Thesis					Mojtahedi, G; et al.
2009	Emerging biotechnology to detect weak and/or transient protein-protein interactions	Thesis					Thibodeaux, GN; et al.
2009	A spontaneous mutation of the <i>Wwox</i> gene and audiogenic seizures in rats with lethal dwarfism and epilepsy	Genes Brain Behav.	650-60	8	7	19500159	Suzuki, H; et al.
2009	Defining the Role of the SHP2 Protein Tyrosine Phosphatase in FcεRI Signaling in Mast Cells	Thesis					Mcpherson, V; et al.
2009	Role of tumour suppressor ING3 in melanoma pathogenesis	Thesis					Wang, Y; et al.
2008	Glycogen synthase kinase-3β suppresses tumor necrosis factor-α expression in cardiomyocytes during lipopolysaccharide stimulation	J. Cell. Biochem.	329-38	104	1	18027881	Shen, E; et al.
2008	EphrinB1 controls cell-cell junctions through the Par polarity complex	Nat. Cell Biol.	979-86	10	8	18604196	Lee, HS; et al.
2008	Arabidopsis PUB22 and PUB23 are homologous U-Box E3 ubiquitin ligases that play combinatorial roles in response to drought stress	Plant Cell	1899-914	20	7	18664614	Cho, SK; et al.
2008	MicroRNA-21 targets tumor suppressor genes in invasion and metastasis	Cell Res.	350-9	18	3	18270520	Zhu, S; et al.
2008	CXCR6 induces prostate cancer progression by the AKT/mammalian target of rapamycin signaling pathway	Cancer Res.	10367-76	68	24	19074906	Wang, J; et al.
2008	FANCM of the Fanconi anemia core complex is required for both monoubiquitination and DNA repair	Hum. Mol. Genet.	1641-52	17	11	18285517	Xue, Y; et al.
2008	FFAT rescues VAPA-mediated inhibition of ER-to-Golgi transport and VAPB-mediated ER aggregation	J. Cell. Sci.	3052-61	121	Pt 18	18713837	Prosser, DC; et al.
2008	Clathrin-independent endocytosis of ErbB2 in geldanamycin-treated human breast cancer cells	J. Cell. Sci.	3155-66	121	Pt 19	18765569	Barr, DJ; et al.
2008	Role of ING4 in human melanoma cell migration, invasion and patient survival	Carcinogenesis	1373-9	29	7	18375955	Li, J; et al.
2008	Double-stranded RNA-activated protein kinase PKR of fishes and amphibians varying the number of double-stranded RNA binding domains and lineage-specific duplications	BMC Biol.	12	6		18312693	Rothenburg, S; et al.
2008	Adaptor protein Lnk associates with Tyr(568) in c-Kit	Biochem. J.	241-5	415	2	18588518	Gueller, S; et al.
2008	The selective Aurora B kinase inhibitor AZD1152 is a potential new treatment for multiple myeloma	Br. J. Haematol.	295-302	140	3	18076711	Evans, RP; et al.
2008	Lipopolysaccharide plus hypoxia and reoxygenation synergistically reduce electrical coupling between microvascular endothelial cells by dephosphorylating connexin40	J. Cell. Physiol.	350-9	217	2	18521823	Bolon, MI; et al.
2008	Armet, a UPR-upregulated protein, inhibits cell proliferation and ER stress-induced cell death	Exp. Cell Res.	2454-67	314	13	18561914	Apostolou, A; et al.
2008	Aberrant expression of cortactin and fascin are effective markers for pathogenesis, invasion, metastasis and prognosis of gastric carcinomas	Int. J. Oncol.	69-79	33	1	18575752	Li, X; et al.
2008	Nerve repair experimental and clinical evaluation of biodegradable artificial nerve guides	Injury	S30-6	39 Suppl 3		18722612	Johnson, EO; et al.
2008	Arp2/3 overexpression contributed to pathogenesis, growth and invasion of gastric carcinoma	Anticancer Res.	2225-32	28	4B	18751399	Zheng, HC; et al.
2008	PCR-BHEL 技术的建立及对血清中丙肝病毒的检测	新疆医科大学学报		31			于晓芳; et al.
2008	Aurora A kinase RNAi and small molecule inhibition of Aurora kinases with VE-465 induce apoptotic death in multiple myeloma cells	Leuk. Lymphoma	559-69	49	3	18297535	Evans, R; et al.
2008	The role of Mullerian differentiation in epithelial ovarian carcinogenesis	Journal of Hard Tissue Biology	65-74	21		10.14288/1.0066213	Woo, M; et al.
2008	Novel links between protein sorting and cytoskeletal dynamics in the secretory pathway	Thesis					Prosser, DC; et al.

2007	NMDA receptor function and NMDA receptor-dependent phosphorylation of huntingtin is altered by the endocytic protein HIP1	J. Neurosci.	2298-308	27	9	17329427	Metzler, M; et al.
2007	The C. elegans ROR receptor tyrosine kinase, CAM-1, non-autonomously inhibits the Wnt pathway	Development	4053-62	134	22	17942487	Green, JL; et al.
2007	Multiple roles of the candidate oncogene ZNF217 in ovarian epithelial neoplastic progression	Int. J. Cancer	1863-73	120	9	17266044	Li, P; et al.
2007	Amperometric readout and electrode array chip for bioelectro-chemical sensors	Circuits and Systems	3562-2565			10.1109/ISCAS.2007.378452	Mason, A; et al.
2006	Leucine zipper-like domain is required for tumor suppressor ING2-mediated nucleotide excision repair and apoptosis	FEBS Lett.	3787-93	580	16	16782091	Wang, Y; et al.
2006	CAIR-1/BAG-3 modulates cell adhesion and migration by down-regulating activity of focal adhesion proteins	Exp. Cell Res.	2962-71	312	15	16859681	Kassis, JN; et al.
2006	Labs-on-a-Chip origin, highlights and future perspectives. On the occasion of the 10th microTAS conference	Lab Chip	1266-73	6	10	17102838	van den Berg, A; et al.