# CITATION REPORT List of articles citing

Proteomics. Tissue-based map of the human proteome

DOI: 10.1126/science.1260419 Science, 2015, 347, 1260419.

Source: https://exaly.com/paper-pdf/61761370/citation-report.pdf

Version: 2024-04-17

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
2286	De novo truncating variants in the AHDC1 gene encoding the AT-hook DNA-binding motif-containing protein 1 are associated with intellectual disability and developmental delay. <b>2015</b> , 1, a000562		17
2285	Chromosome Y genetic variants: impact in animal models and on human disease. <b>2015</b> , 47, 525-37		20
2284	Manganese homeostasis and utilization in pathogenic bacteria. <b>2015</b> , 97, 216-28		61
2283	All is balanced: inter-trypsin inhibitors as unseen extracellular matrix proteins in epidermal morphology and differentiation. <b>2015</b> , 24, 661-2		4
2282	Importance of substantial weight loss for altering gene expression during cardiovascular lifestyle modification. <b>2015</b> , 23, 1312-9		12
2281	Cell biology of the future: Nanometer-scale cellular cartography. <b>2015</b> , 211, 211-4		3
2280	Fundamentals of protein interaction network mapping. <b>2015</b> , 11, 848		160
2279	Extensive weight loss reveals distinct gene expression changes in human subcutaneous and visceral adipose tissue. <b>2015</b> , 5, 14841		48
2278	An evidence-based knowledgebase of metastasis suppressors to identify key pathways relevant to cancer metastasis. <b>2015</b> , 5, 15478		15
2277	The gut microbiota modulates host amino acid and glutathione metabolism in mice. 2015, 11, 834		199
2276	Pigment Epithelium-Derived Factor (PEDF) Inhibits Wnt/-catenin Signaling in the Liver. <b>2015</b> , 1, 535-549	9.e14	25
2275	The cytotoxicity of the <code>A-adrenoceptor</code> antagonist prazosin is linked to an endocytotic mechanism equivalent to transport-P. <b>2015</b> , 338, 17-29		4
2274	'Medusa-head ataxia': the expanding spectrum of Purkinje cell antibodies in autoimmune cerebellar ataxia. Part 1: Anti-mGluR1, anti-Homer-3, anti-Sj/ITPR1 and anti-CARP VIII. <b>2015</b> , 12, 166		59
2273	Extensive rewiring of epithelial-stromal co-expression networks in breast cancer. <b>2015</b> , 16, 128		31
2272	Chimeric Antigen Receptors for Cancer: Progress and Challenges. <b>2015</b> , 1, 187-196		
2271	'Medusa head ataxia': the expanding spectrum of Purkinje cell antibodies in autoimmune cerebellar ataxia. Part 3: Anti-Yo/CDR2, anti-Nb/AP3B2, PCA-2, anti-Tr/DNER, other antibodies, diagnostic pitfalls, summary and outlook. <b>2015</b> , 12, 168		58
2270	A cultured approach to canine urothelial carcinoma: molecular characterization of five cell lines. <b>2015</b> , 2, 15		8

### (2015-2015)

2269	Role and Regulation of Myeloid Zinc Finger Protein 1 in Cancer. <b>2015</b> , 116, 2146-54	42
2268	Identification of epistatic interactions through genome-wide association studies in sporadic medullary and juvenile papillary thyroid carcinomas. <b>2015</b> , 8, 83	13
2267	'Medusa head ataxia': the expanding spectrum of Purkinje cell antibodies in autoimmune cerebellar ataxia. Part 2: Anti-PKC-gamma, anti-GluR-delta2, anti-Ca/ARHGAP26 and anti-VGCC. <b>2015</b> , 12, 167	42
2266	Proteomics in pharmaceutical research and development. <b>2015</b> , 9, 643-50	6
2265	Structure alignment of membrane proteins: Accuracy of available tools and a consensus strategy. <b>2015</b> , 83, 1720-32	8
2264	Systems medicine: evolution of systems biology from bench to bedside. <b>2015</b> , 7, 141-61	54
2263	Regulation of Murine Ovarian Epithelial Carcinoma by Vaccination against the Cytoplasmic Domain of Anti-Mllerian Hormone Receptor II. <b>2015</b> , 2015, 630287	7
2262	Resistance to anticancer vaccination effect is controlled by a cancer cell-autonomous phenotype that disrupts immunogenic phagocytic removal. <b>2015</b> , 6, 26841-60	64
2261	Potential for Improving Potency and Specificity of Reovirus Oncolysis with Next-Generation Reovirus Variants. <b>2015</b> , 7, 6251-78	21
2260	A deep proteomics perspective on CRM1-mediated nuclear export and nucleocytoplasmic partitioning. <b>2015</b> , 4,	125
2259	Inhibition Profiling of Retroviral Protease Inhibitors Using an HIV-2 Modular System. <b>2015</b> , 7, 6152-62	11
2258	Affinity proteomics to study endogenous protein complexes: pointers, pitfalls, preferences and perspectives. <b>2015</b> , 58, 103-19	39
2257	Bioinformatics Mining and Modeling Methods for the Identification of Disease Mechanisms in Neurodegenerative Disorders. <b>2015</b> , 16, 29179-206	37
2256	Pigment Epithelium-Derived Factor (PEDF) is a Determinant of Stem Cell Fate: Lessons from an Ultra-Rare Disease. <b>2015</b> , 3, 112-128	11
2255	Implications of pleiotropy: challenges and opportunities for mining Big Data in biomedicine. <b>2015</b> , 6, 229	28
2254	Human protein interaction networks across tissues and diseases. <b>2015</b> , 6, 257	51
2253	Targeted Therapies in Liver Fibrosis: Combining the Best Parts of Platelet-Derived Growth Factor BB and Interferon Gamma. <b>2015</b> , 2, 72	33
2252	The Elusive Antifibrotic Macrophage. <b>2015</b> , 2, 81	41

2251	Matricellular proteins of the Cyr61/CTGF/NOV (CCN) family and the nervous system. 2015, 9, 237	37
2250	Cathepsin B is a New Drug Target for Traumatic Brain Injury Therapeutics: Evidence for E64d as a Promising Lead Drug Candidate. <b>2015</b> , 6, 178	55
2249	Developing Potential Candidates of Preclinical Preeclampsia. <b>2015</b> , 16, 27208-27	2
2248	Reliable LC3 and p62 autophagy marker detection in formalin fixed paraffin embedded human tissue by immunohistochemistry. <b>2015</b> , 59, 2481	91
2247	Alternatively Spliced Homologous Exons Have Ancient Origins and Are Highly Expressed at the Protein Level. <b>2015</b> , 11, e1004325	47
2246	Qualitative and Quantitative Protein Complex Prediction Through Proteome-Wide Simulations. <b>2015</b> , 11, e1004424	9
2245	Genome-Wide Association Study with Targeted and Non-targeted NMR Metabolomics Identifies 15 Novel Loci of Urinary Human Metabolic Individuality. <b>2015</b> , 11, e1005487	66
2244	Automated Analysis and Classification of Histological Tissue Features by Multi-Dimensional Microscopic Molecular Profiling. <b>2015</b> , 10, e0128975	20
2243	miR-126-3p Inhibits Thyroid Cancer Cell Growth and Metastasis, and Is Associated with Aggressive Thyroid Cancer. <b>2015</b> , 10, e0130496	35
2242	Identification and Validation of Protein Biomarkers of Response to Neoadjuvant Platinum Chemotherapy in Muscle Invasive Urothelial Carcinoma. <b>2015</b> , 10, e0131245	36
2241	HIV-1 and Human PEG10 Frameshift Elements Are Functionally Distinct and Distinguished by Novel Small Molecule Modulators. <b>2015</b> , 10, e0139036	8
2240	Optimizing Production of Antigens and Fabs in the Context of Generating Recombinant Antibodies to Human Proteins. <b>2015</b> , 10, e0139695	20
2239	Integrating Diverse Types of Genomic Data to Identify Genes that Underlie Adverse Pregnancy Phenotypes. <b>2015</b> , 10, e0144155	3
2238	Human Dermal Fibroblasts Demonstrate Positive Immunostaining for Neuron- and Glia- Specific Proteins. <b>2015</b> , 10, e0145235	6
2237	The Urinary Bladder Transcriptome and Proteome Defined by Transcriptomics and Antibody-Based Profiling. <b>2015</b> , 10, e0145301	18
2236	New Colors for Histology: Optimized Bivariate Color Maps Increase Perceptual Contrast in Histological Images. <b>2015</b> , 10, e0145572	16
2235	Role of E2-Ub-conjugating enzymes during skeletal muscle atrophy. <b>2015</b> , 6, 59	29
2234	Forward Individualized Medicine from Personal Genomes to Interactomes. <b>2015</b> , 6, 364	12

2233	Phospholipase C-II Hypofunction in the Pathogenesis of Schizophrenia. <b>2015</b> , 6, 159	7
2232	Modelling the effect of SPION size in a stent assisted magnetic drug targeting system with interparticle interactions. <b>2015</b> , 2015, 618658	4
2231	The androgen receptor controls expression of the cancer-associated sTn antigen and cell adhesion through induction of ST6GalNAc1 in prostate cancer. <b>2015</b> , 6, 34358-74	49
2230	Inhibition of testicular embryonal carcinoma cell tumorigenicity by peroxisome proliferator-activated receptor- Pand retinoic acid receptor-dependent mechanisms. <b>2015</b> , 6, 36319-37	8
2229	A human tissue proteomic map. <b>2015</b> , 12, 288-288	
2228	Psoriatic arthritis under a proteomic spotlight: application of novel technologies to advance diagnosis and management. <b>2015</b> , 17, 35	10
2227	Recent findings from the Human Proteome Project: opening the mass spectrometry toolbox to advance cancer diagnosis, surveillance and treatment. <b>2015</b> , 12, 279-93	14
2226	The potential clinical impact of the tissue-based map of the human proteome. <b>2015</b> , 12, 213-5	38
2225	Human sialic acid acetyl esterase: Towards a better understanding of a puzzling enzyme. <b>2015</b> , 25, 992-1006	14
2224	Stratification of Hepatocellular Carcinoma Patients Based on Acetate Utilization. <b>2015</b> , 13, 2014-26	92
2223	Human SERPINB12 Is an Abundant Intracellular Serpin Expressed in Most Surface and Glandular Epithelia. <b>2015</b> , 63, 854-65	10
2222	Novel CAD-ALK gene rearrangement is drugable by entrectinib in colorectal cancer. <b>2015</b> , 113, 1730-4	57
2221	Exome Sequencing Identifies Pathogenic and Modifier Mutations in a Child With Sporadic Dilated Cardiomyopathy. <b>2015</b> , 4,	17
2220	Assessing the impact of mutations found in next generation sequencing data over human signaling pathways. <b>2015</b> , 43, W270-5	14
2219	MyProteinNet: build up-to-date protein interaction networks for organisms, tissues and user-defined contexts. <b>2015</b> , 43, W258-63	29
2218	Autosomal-Recessive Intellectual Disability with Cerebellar Atrophy Syndrome Caused by Mutation of the Manganese and Zinc Transporter Gene SLC39A8. <b>2015</b> , 97, 886-93	125
2217	Fitting Transporter Activities to Cellular Drug Concentrations and Fluxes: Why the Bumblebee Can Fly. <b>2015</b> , 36, 710-723	22
2216	The Hox cluster microRNA miR-615: a case study of intronic microRNA evolution. <b>2015</b> , 6, 31	11

2215	Multiplexed single-cell in situ RNA analysis by reiterative hybridization. <b>2015</b> , 7, 7290-7295	18
2214	Meta- and Orthogonal Integration of Influenza "OMICs" Data Defines a Role for UBR4 in Virus Budding. <b>2015</b> , 18, 723-35	647
2213	T-cell receptor gene therapyready to go viral?. <b>2015</b> , 9, 2019-42	20
2212	Solid-state NMR structures of integral membrane proteins. <b>2015</b> , 32, 156-78	12
2211	Increased STAG2 dosage defines a novel cohesinopathy with intellectual disability and behavioral problems. <b>2015</b> , 24, 7171-81	24
2210	Meta-analysis of RNA-seq expression data across species, tissues and studies. <b>2015</b> , 16, 287	71
2209	Computational Modeling of miRNA Biogenesis. <b>2015</b> , 85-98	1
2208	Gene expression: spatial characterization of proteomes. <b>2015</b> , 16, 129	2
2207	New paradigms for metabolic modeling of human cells. <b>2015</b> , 34, 91-7	60
2206	Next-generation pathologysurveillance of tumor microecology. <b>2015</b> , 427, 2013-22	14
2205	Integrative analysis of lung development-cancer expression associations reveals the roles of signatures with inverse expression patterns. <b>2015</b> , 11, 1271-84	7
2204	Plasma circulating microRNA-944 and microRNA-3662 as potential histologic type-specific early lung cancer biomarkers. <b>2015</b> , 166, 315-23	43
2204		43 23
	lung cancer biomarkers. <b>2015</b> , 166, 315-23  Profiling signaling proteins in human spermatozoa: biomarker identification for sperm quality	
2203	Profiling signaling proteins in human spermatozoa: biomarker identification for sperm quality evaluation. 2015, 104, 845-856.e8  Human Spermatozoa as a Model for Detecting Missing Proteins in the Context of the Chromosome-Centric Human Proteome Project. 2015, 14, 3606-20	23
2203 2202 2201	lung cancer biomarkers. 2015, 166, 315-23  Profiling signaling proteins in human spermatozoa: biomarker identification for sperm quality evaluation. 2015, 104, 845-856.e8  Human Spermatozoa as a Model for Detecting Missing Proteins in the Context of the Chromosome-Centric Human Proteome Project. 2015, 14, 3606-20	23
2203 2202 2201 2200	Profiling signaling proteins in human spermatozoa: biomarker identification for sperm quality evaluation. 2015, 104, 845-856.e8  Human Spermatozoa as a Model for Detecting Missing Proteins in the Context of the Chromosome-Centric Human Proteome Project. 2015, 14, 3606-20  Germline HABP2 Mutation Causing Familial Nonmedullary Thyroid Cancer. 2015, 373, 448-55	23 50 113

2197	THOC2 Mutations Implicate mRNA-Export Pathway in X-Linked Intellectual Disability. 2015, 97, 302-10	34
2196	Unique Features of Human Protein Arginine Methyltransferase 9 (PRMT9) and Its Substrate RNA Splicing Factor SF3B2. <b>2015</b> , 290, 16723-43	56
2195	Trib3 Is Elevated in Parkinson's Disease and Mediates Death in Parkinson's Disease Models. <b>2015</b> , 35, 10731-49	38
2194	Using large-scale genomics data to identify driver mutations in lung cancer: methods and challenges. <b>2015</b> , 16, 1149-60	11
2193	Mitochondrial genomes are retained by selective constraints on protein targeting. 2015, 112, 10154-61	52
2192	Loss of ASRGL1 expression is an independent biomarker for disease-specific survival in endometrioid endometrial carcinoma. <b>2015</b> , 137, 529-37	17
2191	Personalized medicine going precise: from genomics to microbiomics. <b>2015</b> , 21, 461-2	36
2190	Metrics for the Human Proteome Project 2015: Progress on the Human Proteome and Guidelines for High-Confidence Protein Identification. <b>2015</b> , 14, 3452-60	74
2189	Comparative analysis of statistical methods used for detecting differential expression in label-free mass spectrometry proteomics. <b>2015</b> , 129, 83-92	37
2188	Mining Missing Membrane Proteins by High-pH Reverse-Phase StageTip Fractionation and Multiple Reaction Monitoring Mass Spectrometry. <b>2015</b> , 14, 3658-69	20
2187	OCT1 and imatinib transport in CML: is it clinically relevant?. <b>2015</b> , 29, 1960-9	41
2186	Keratin-dependent regulation of Aire and gene expression in skin tumor keratinocytes. <b>2015</b> , 47, 933-8	77
2185	Antibody-Drug Conjugates and Small Molecule-Drug Conjugates: Opportunities and Challenges for the Development of Selective Anticancer Cytotoxic Agents. <b>2015</b> , 58, 8751-61	108
2184	Quest for Missing Proteins: Update 2015 on Chromosome-Centric Human Proteome Project. <b>2015</b> , 14, 3415-31	50
2183	Evolutionary trends and functional anatomy of the human expanded autophagy network. <b>2015</b> , 11, 1652-67	20
2182	Comparative membrane proteomics: a technical advancement in the search of renal cell carcinoma biomarkers. <b>2015</b> , 11, 1708-16	16
2181	The quest of the human proteome and the missing proteins: digging deeper. <b>2015</b> , 19, 276-82	27
2180	Reconstruction of genome-scale human metabolic models using omics data. <b>2015</b> , 7, 859-68	38

2179	Different pediatric brain tumors are associated with different gene expression profiling. <b>2015</b> , 117, 477-85	23
2178	Enzyme-instructed self-assembly: a multistep process for potential cancer therapy. <b>2015</b> , 26, 987-99	102
2177	Identification of the Vasoconstriction-Inhibiting Factor (VIF), a Potent Endogenous Cofactor of Angiotensin II Acting on the Angiotensin II Type 2 Receptor. <b>2015</b> , 131, 1426-34	30
2176	Indian proteomics efforts and human proteome project. <b>2015</b> , 127, 147-51	3
2175	New insights into the human brain proteome: Protein expression profiling of deep brain stimulation target areas. <b>2015</b> , 127, 395-405	3
2174	MicroRNAs in placental health and disease. <b>2015</b> , 213, S163-72	123
2173	A multi-functional fluorescent scaffold as a multi-colour probe: design and application in targeted cell imaging. <b>2015</b> , 5, 83361-83367	1
2172	Distinct and overlapping functions of the cullin E3 ligase scaffolding proteins CUL4A and CUL4B. <b>2015</b> , 573, 33-45	57
2171	Discovering Genes Essential to the Hypothalamic Regulation of Human Reproduction Using a Human Disease Model: Adjusting to Life in the "-Omics" Era. <b>2015</b> , 36, 603-21	42
2170	Noninvasive brain cancer imaging with a bispecific antibody fragment, generated via click chemistry. <b>2015</b> , 112, 12806-11	41
2169	Linking transcriptomics and proteomics in spermatogenesis. <b>2015</b> , 150, R149-57	40
2168	Integrin ₩B sets the stage for colorectal cancer metastasis. <b>2015</b> , 34, 715-34	23
2167	mRNA export through an additional cap-binding complex consisting of NCBP1 and NCBP3. <b>2015</b> , 6, 8192	47
2166	Probing the Missing Human Proteome: A Computational Perspective. <b>2015</b> , 14, 4949-58	5
2165	Evolutionary Characteristics of Missing Proteins: Insights into the Evolution of Human Chromosomes Related to Missing-Protein-Encoding Genes. <b>2015</b> , 14, 4985-94	9
2164	Association between cell cycle gene transcription and tumor size in oral squamous cell carcinoma. <b>2015</b> , 36, 9717-22	12
2163	The potential clinical impact of the release of two drafts of the human proteome. <b>2015</b> , 12, 579-93	23
2162	Germline Heterozygous Variants in SEC23B Are Associated with Cowden Syndrome and Enriched in Apparently Sporadic Thyroid Cancer. <b>2015</b> , 97, 661-76	51

### (2015-2015)

2161	microglia/monocytes. <b>2015</b> , 339, 280-8	23
2160	Establishing the Role of PPAR/IIn Carcinogenesis. <b>2015</b> , 26, 595-607	56
2159	Modelling kidney disease with CRISPR-mutant kidney organoids derived from human pluripotent epiblast spheroids. <b>2015</b> , 6, 8715	410
2158	Nerve Growth Factor Regulates Transient Receptor Potential Vanilloid 2 via Extracellular Signal-Regulated Kinase Signaling To Enhance Neurite Outgrowth in Developing Neurons. <b>2015</b> , 35, 4238-52	32
2157	Erythropoietin Stimulates Tumor Growth via EphB4. <b>2015</b> , 28, 610-622	60
2156	SERPINB12 Is a Slow-Binding Inhibitor of Granzyme A and Hepsin. <b>2015</b> , 54, 6756-9	7
2155	Integrated proteo-genomic approach for early diagnosis and prognosis of cancer. <b>2015</b> , 369, 28-36	24
2154	STIM and ORAI proteins in the nervous system. <b>2015</b> , 9, 245-52	70
2153	Tissue matrix arrays for high-throughput screening and systems analysis of cell function. <b>2015</b> , 12, 1197-204	115
2152	Assessing Transcription Regulatory Elements To Evaluate the Expression Status of Missing Protein Genes on Chromosomes 11 and 19. <b>2015</b> , 14, 4967-75	1
2151	MAP4K4 Is a Threonine Kinase That Phosphorylates FARP1. <b>2015</b> , 10, 2667-71	10
2150	Complementing tissue characterization by integrating transcriptome profiling from the Human Protein Atlas and from the FANTOM5 consortium. <b>2015</b> , 43, 6787-98	61
2149	The Neuronal Pentraxin-2 Pathway Is an Unrecognized Target in Human Neuroblastoma, Which Also Offers Prognostic Value in Patients. <b>2015</b> , 75, 4265-71	16
2148	The Levels of a Universally Conserved tRNA Modification Regulate Cell Growth. <b>2015</b> , 290, 18699-707	24
2147	GenomewidePDB 2.0: A Newly Upgraded Versatile Proteogenomic Database for the Chromosome-Centric Human Proteome Project. <b>2015</b> , 14, 3710-9	6
2146	Two-photon uncageable enzyme inhibitors bearing targeting vectors. <b>2015</b> , 14, 1821-5	12
2145	Proteogenomics Dashboard for the Human Proteome Project. <b>2015</b> , 14, 3738-49	9
2144	Human genes with a greater number of transcript variants tend to show biological features of housekeeping and essential genes. <b>2015</b> , 11, 2798-807	8

2143	Pituitary TSH controls bile salt synthesis. <b>2015</b> , 62, 1005-7	1
2142	Tissue-Based Proteogenomics Reveals that Human Testis Endows Plentiful Missing Proteins. <b>2015</b> , 14, 3583-94	41
2141	Psychotic syndrome associated with anti-Ca/ARHGAP26 and voltage-gated potassium channel antibodies. <b>2015</b> , 286, 79-82	12
2140	Membrane-bound selenoproteins. <b>2015</b> , 23, 795-813	42
2139	Prediction and validation of enzyme and transporter off-targets for metformin. <b>2015</b> , 42, 463-75	32
2138	Structural Bioinformatics Inspection of neXtProt PE5 Proteins in the Human Proteome. <b>2015</b> , 14, 3750-61	11
2137	The Human Dental Pulp Proteome and N-Terminome: Levering the Unexplored Potential of Semitryptic Peptides Enriched by TAILS to Identify Missing Proteins in the Human Proteome Project in Underexplored Tissues. <b>2015</b> , 14, 3568-82	36
2136	Recent Advances in the Chromosome-Centric Human Proteome Project: Missing Proteins in the Spot Light. <b>2015</b> , 14, 3409-14	15
2135	Panorama of ancient metazoan macromolecular complexes. <b>2015</b> , 525, 339-44	325
2134	DeAnnCNV: a tool for online detection and annotation of copy number variations from whole-exome sequencing data. <b>2015</b> , 43, W289-94	25
2133	Epigenetics and Proteomics Join Transcriptomics in the Quest for Tuberculosis Biomarkers. <b>2015</b> , 6, e01187-	1 <b>5</b> 48
2132	Pigment epithelium-derived factor as a multifunctional regulator of wound healing. <b>2015</b> , 309, H812-26	34
2131	Pharmacological targeting of AKAP-directed compartmentalized cAMP signalling. 2015, 27, 2474-87	50
2130	Gene networks and transcription factor motifs defining the differentiation of stem cells into hepatocyte-like cells. <b>2015</b> , 63, 934-42	107
2129	Cysteine cathepsin proteases: regulators of cancer progression and therapeutic response. <b>2015</b> , 15, 712-29	354
2128	Recent insights into the biological functions of liver fatty acid binding protein 1. <b>2015</b> , 56, 2238-47	85
2127	A stromal cell population in the large intestine identified by tissue factor expression that is lost during colorectal cancer progression. <b>2016</b> , 116, 1050-1059	3
2126	Calpain-5 Expression in the Retina Localizes to Photoreceptor Synapses. <b>2016</b> , 57, 2509-21	20

2125	Integration of zebrafish fin regeneration genes with expression data of human tumors in silico uncovers potential novel melanoma markers. <b>2016</b> , 7, 71567-71579	18
2124	Protein Markers Associated with an ALDH Sub-Population in Colorectal Cancer. <b>2016</b> , 9, 238-247	4
2123	RNA-seq based transcriptomic map reveals new insights into mouse salivary gland development and maturation. <b>2016</b> , 17, 923	22
2122	Clinicopathological Significance of TARBP2, APP, and ZNF395 in Breast Cancer. <b>2016</b> , 10, 211-221	4
2121	Unraveling Molecular Differences of Gastric Cancer by Label-Free Quantitative Proteomics Analysis. <b>2016</b> , 17,	20
2120	Decreased Expression of SRSF2 Splicing Factor Inhibits Apoptotic Pathways in Renal Cancer. <b>2016</b> , 17,	20
2119	A Genome-Scale Investigation of How Sequence, Function, and Tree-Based Gene Properties Influence Phylogenetic Inference. <b>2016</b> , 8, 2565-80	37
2118	Identifying and functionally characterizing tissue-specific and ubiquitously expressed human lncRNAs. <b>2016</b> , 7, 7120-33	57
2117	Glucocorticoids Have Opposing Effects on Liver Fibrosis in Hepatic Stellate and Immune Cells. <b>2016</b> , 30, 905-16	12
2116	Extensive regulation of nicotinate phosphoribosyltransferase (NAPRT) expression in human tissues and tumors. <b>2016</b> , 7, 1973-83	38
2115	Three-Dimensional Bioprinting Nanotechnologies towards Clinical Application of Stem Cells and Their Secretome in Salivary Gland Regeneration. <b>2016</b> , 2016, 7564689	14
2114	Modeling Gene Regulation in Liver Hepatocellular Carcinoma with Random Forests. <b>2016</b> , 2016, 1035945	4
2113	Regulation of Human Cytochrome P4501A1 (hCYP1A1): A Plausible Target for Chemoprevention?. <b>2016</b> , 2016, 5341081	35
2112	Multi-OMICs and Genome Editing Perspectives on Liver Cancer Signaling Networks. <b>2016</b> , 2016, 6186281	6
2111	Branched multipeptide immunotherapy for glioblastoma using human leukocyte antigen-A*0201-restricted cytotoxic T-lymphocyte epitopes from ERBB2, BIRC5 and CD99. <b>2016</b> , 7, 50535-505	547
2110	Global, quantitative and dynamic mapping of protein subcellular localization. <b>2016</b> , 5,	282
2109	Zebrafish Models for Dyslipidemia and Atherosclerosis Research. <b>2016</b> , 7, 159	21
2108	Complement Regulator FHR-3 Is Elevated either Locally or Systemically in a Selection of Autoimmune Diseases. <b>2016</b> , 7, 542	16

2107	PD-L1 Is Not Constitutively Expressed on Tasmanian Devil Facial Tumor Cells but Is Strongly Upregulated in Response to IFN-land Can Be Expressed in the Tumor Microenvironment. <b>2016</b> , 7, 581	29
2106	H11/HSPB8 Restricts HIV-2 Vpx to Restore the Anti-Viral Activity of SAMHD1. <b>2016</b> , 7, 883	2
2105	Upstream Open Reading Frames Located in the Leader of Protein Kinase MImRNA Regulate Its Translation. <b>2016</b> , 9, 103	12
2104	Targeted Vaccination against Human Lactalbumin for Immunotherapy and Primary Immunoprevention of Triple Negative Breast Cancer. <b>2016</b> , 8,	14
2103	Erythropoietin Pathway: A Potential Target for the Treatment of Depression. 2016, 17,	34
2102	Personalized Proteomics: The Future of Precision Medicine. <b>2016</b> , 4,	67
<b>2</b> 101	Let There Be Light!. 2016, 4,	13
2100	ANLN is a prognostic biomarker independent of Ki-67 and essential for cell cycle progression in primary breast cancer. <b>2016</b> , 16, 904	46
2099	Adhesion of Plasmodium falciparum infected erythrocytes in ex vivo perfused placental tissue: a novel model of placental malaria. <b>2016</b> , 15, 292	20
2098	Identification of internalin-A-like virulent proteins in Leishmania donovani. <b>2016</b> , 9, 557	2
2097	Quantitative and Selective Analysis of Feline Growth Related Proteins Using Parallel Reaction Monitoring High Resolution Mass Spectrometry. <b>2016</b> , 11, e0167138	7
2096	Reconstruction of Tissue-Specific Metabolic Networks Using CORDA. <b>2016</b> , 12, e1004808	71
2095	Identification of Differentially Expressed Genes through Integrated Study of Alzheimer's Disease Affected Brain Regions. <b>2016</b> , 11, e0152342	49
2094	Trisomy 21 Alters DNA Methylation in Parent-of-Origin-Dependent and -Independent Manners. <b>2016</b> , 11, e0154108	14
2093	The Response of microRNAs to Solar UVR in Skin-Resident Melanocytes Differs between Melanoma Patients and Healthy Persons. <b>2016</b> , 11, e0154915	11
2092	Immunohistochemistry Successfully Uncovers Intratumoral Heterogeneity and Widespread Co-Losses of Chromatin Regulators in Clear Cell Renal Cell Carcinoma. <b>2016</b> , 11, e0164554	16
2091	Endothelial Cells Use a Formin-Dependent Phagocytosis-Like Process to Internalize the Bacterium Listeria monocytogenes. <b>2016</b> , 12, e1005603	37
2090	Placental Sequestration of Plasmodium falciparum Malaria Parasites Is Mediated by the Interaction Between VAR2CSA and Chondroitin Sulfate A on Syndecan-1. <b>2016</b> , 12, e1005831	58

2089	The Important Roles of Steroid Sulfatase and Sulfotransferases in Gynecological Diseases. <b>2016</b> , 7, 30	56
2088	Benchmarking Procedures for High-Throughput Context Specific Reconstruction Algorithms. <b>2015</b> , 6, 410	22
2087	Applications of Genome-Scale Metabolic Models in Biotechnology and Systems Medicine. <b>2015</b> , 6, 413	83
2086	Personalized Cardiovascular Disease Prediction and Treatment-A Review of Existing Strategies and Novel Systems Medicine Tools. <b>2016</b> , 7, 2	27
2085	On-the-fly selection of cell-specific enhancers, genes, miRNAs and proteins across the human body using SlideBase. <b>2016</b> , 2016,	12
2084	Galectin signatures contribute to the heterogeneity of breast cancer and provide new prognostic information and therapeutic targets. <b>2016</b> , 7, 18183-203	27
2083	Protein profiles of CCL5, HPGDS, and NPSR1 in plasma reveal association with childhood asthma. <b>2016</b> , 71, 1357-61	16
2082	Clinical value of non-HLA antibodies in kidney transplantation: Still an enigma?. <b>2016</b> , 30, 195-202	23
2081	Mixed lineage kinase 3 mediates release of C-X-C motif ligand 10-bearing chemotactic extracellular vesicles from lipotoxic hepatocytes. <b>2016</b> , 63, 731-44	129
2080	HtrA1 Proteolysis of ApoE In Vitro Is Allele Selective. <b>2016</b> , 138, 9473-8	28
2079	Every transcription factor deserves its map: Scaling up epitope tagging of proteins to bypass antibody problems. <b>2016</b> , 38, 801-11	11
2078	Physiologically-based pharmacokinetic modeling to predict the clinical pharmacokinetics of monoclonal antibodies. <b>2016</b> , 43, 427-46	44
2077	Genic insights from integrated human proteomics in GeneCards. <b>2016</b> , 2016,	85
2076	Evaluation of the antineoplastic activity of gallic acid in oral squamous cell carcinoma under hypoxic conditions. <b>2016</b> , 27, 407-16	25
2075	Hyperpolarization-activated cation and T-type calcium ion channel expression in porcine and human renal pacemaker tissues. <b>2016</b> , 228, 812-25	9
2074	A year (2014-2015) of plants in Proteomics journal. Progress in wet and dry methodologies, moving from protein catalogs, and the view of classic plant biochemists. <b>2016</b> , 16, 866-76	8
2073	Autoantibodies against TYMS and PDLIM1 proteins detected as circulatory signatures in Indian breast cancer patients. <b>2016</b> , 10, 564-73	13
2072	Matricellular TSP-1 as a target of interest for impeding melanoma spreading: towards a therapeutic use for TAX2 peptide. <b>2016</b> , 33, 637-49	9

2071	Computational genomics tools for dissecting tumour-immune cell interactions. <b>2016</b> , 17, 441-58	172
2070	Interaction and localization diversities of global and local hubs in human protein-protein interaction networks. <b>2016</b> , 12, 2875-82	5
2069	The AKT-mTOR Signaling Pathway for Drug Response Prediction and Prognostic Signatures. <b>2016</b> , 109-124	
2068	3D-Biodruck von Gewebe- und Organmodellen. <b>2016</b> , 128, 4728-4743	2
2067	Regulating the Rate of Molecular Self-Assembly for Targeting Cancer Cells. <b>2016</b> , 128, 5864-5869	16
2066	Integrative Analysis of Subcellular Quantitative Proteomics Studies Reveals Functional Cytoskeleton Membrane-Lipid Raft Interactions in Cancer. <b>2016</b> , 15, 3451-3462	12
2065	Computational strategies to address chromatin structure problems. <b>2016</b> , 13, 035006	9
2064	Emerging role for regulated in development and DNA damage 1 (REDD1) in the regulation of skeletal muscle metabolism. <b>2016</b> , 311, E157-74	32
2063	Matrin3: connecting gene expression with the nuclear matrix. <b>2016</b> , 7, 303-15	16
2062	Identification of lung-specific genes by meta-analysis of multiple tissue RNA-seq data. <b>2016</b> , 6, 774-81	2
2061	Non-muscle myosin-IIA is critical for podocyte f-actin organization, contractility, and attenuation of cell motility. <b>2016</b> , 73, 377-95	19
2060	Transcriptomic analyses of genes and tissues in inherited sensory neuropathies. <b>2016</b> , 283, 375-395	42
2059	Surface-Induced Hydrogelation for Fluorescence and Naked-Eye Detections of Enzyme Activity in Blood. <b>2016</b> , 88, 7318-23	24
2058	Rare copy number variants implicated in posterior urethral valves. <b>2016</b> , 170, 622-33	16
2057	The role of protein intrinsic disorder in major psychiatric disorders. <b>2016</b> , 171, 848-60	6
2056	PepPSy: a web server to prioritize gene products in experimental and biocuration workflows. <b>2016</b> , 2016,	
2055	Tollip, an early regulator of the acute inflammatory response in the substantia nigra. <b>2016</b> , 13, 303	21
2054	High resolution digital autoradiographic and dosimetric analysis of heterogeneous radioactivity distribution in xenografted prostate tumors. <b>2016</b> , 43, 6632	3

2053	UGT1A1*6, UGT1A7*3 and UGT1A9*1b polymorphisms are predictive markers for severe toxicity in patients with metastatic gastrointestinal cancer treated with irinotecan-based regimens. <b>2016</b> , 12, 4231-4237	8
2052	Sensitivity of GBM cells to cAMP agonist-mediated apoptosis correlates with CD44 expression and agonist resistance with MAPK signaling. <b>2016</b> , 7, e2494	19
2051	SNAP23 promotes the malignant process of ovarian cancer. <b>2016</b> , 9, 80	13
2050	A potential founder variant in in three Norwegian families with warts, molluscum contagiosum, and T-cell dysfunction. <b>2016</b> , 4, 604-616	45
2049	Proteome-wide survey of the autoimmune target repertoire in autoimmune polyendocrine syndrome type 1. <b>2016</b> , 6, 20104	46
2048	The hydrogen sulfide metabolite trimethylsulfonium is found in human urine. <b>2016</b> , 6, 27038	8
2047	Systems view of adipogenesis via novel omics-driven and tissue-specific activity scoring of network functional modules. <b>2016</b> , 6, 28851	14
2046	N-glycosylation proteome enrichment analysis in kidney reveals differences between diabetic mouse models. <b>2016</b> , 13, 22	11
2045	Transcriptomics resources of human tissues and organs. <b>2016</b> , 12, 862	95
2044	A compendium of human genes regulating feeding behavior and body weight, its functional characterization and identification of GWAS genes involved in brain-specific PPI network. <b>2016</b> , 17, 158	10
2043	The pan-cancer pathological regulatory landscape. <b>2016</b> , 6, 39709	21
2042	Gene-specific correlation of RNA and protein levels in human cells and tissues. <b>2016</b> , 12, 883	230
2041	Cross-tissue Analysis of Gene and Protein Expression in Normal and Cancer Tissues. <b>2016</b> , 6, 24799	96
2040	Quantitative Profiling of Single Formalin Fixed Tumour Sections: proteomics for translational research. <b>2016</b> , 6, 34949	7 <del>2</del>
2039	Salivary and pellicle proteome: A datamining analysis. <b>2016</b> , 6, 38882	17
2038	Path2enet: generation of human pathway-derived networks in an expression specific context. <b>2016</b> , 17, 731	
2037	Secreted Proteins Defy the Expression Level-Evolutionary Rate Anticorrelation. 2017, 34, 692-706	9
2036	Identification and analysis of the human sex-biased genes. <b>2018</b> , 19, 188-198	12

2035	PDGFB, a new candidate plasma biomarker for venous thromboembolism: results from the VEREMA affinity proteomics study. <b>2016</b> , 128, e59-e66	27
2034	Stromal hedgehog signaling maintains smooth muscle and hampers micro-invasive prostate cancer. <b>2017</b> , 10, 39-52	15
2033	Predictive model of thrombospondin-1 and vascular endothelial growth factor in breast tumor tissue. <b>2016</b> , 2,	18
2032	Useful Web Resources. <b>2016</b> , 919, 249-253	
2031	Liver Enzymes and Risk of Ischemic Heart Disease and Type 2 Diabetes Mellitus: A Mendelian Randomization Study. <b>2016</b> , 6, 38813	27
2030	Rare disruptive mutations in ciliary function genes contribute to testicular cancer susceptibility. <b>2016</b> , 7, 13840	26
2029	A network analysis of cofactor-protein interactions for analyzing associations between human nutrition and diseases. <b>2016</b> , 6, 19633	17
2028	The human PRD-like homeobox gene LEUTX has a central role in embryo genome activation. <b>2016</b> , 143, 3459-3469	21
2027	Deconvolution of the Human Endothelial Transcriptome. <b>2016</b> , 3, 218-220	
2026	Hepatocarcinogenesis in transgenic mice carrying hepatitis B virus pre-S/S gene with the sW172* mutation. <b>2016</b> , 5, e273	17
2025	Association, characterisation and meta-analysis of SNPs linked to general reading ability in a German dyslexia case-control cohort. <b>2016</b> , 6, 27901	8
2024	Novel EGFR-targeted strategy with hybrid peptide against oesophageal squamous cell carcinoma. <b>2016</b> , 6, 22452	9
2023	Withdrawn: Discovering Genes Essential to the Hypothalamic Regulation of Human Reproduction Using a Human Disease Model: Adjusting to Life in the "-Omics" Era. <b>2016</b> , 2016, 4-22	31
2022	Data integration to prioritize drugs using genomics and curated data. <b>2016</b> , 9, 21	9
2021	RNA sequencing of chorionic villi from recurrent pregnancy loss patients reveals impaired function of basic nuclear and cellular machinery. <b>2016</b> , 6, 38439	30
2020	large rare copy-number variations contribute to conotruncal heart disease in Chinese patients. <b>2016</b> , 1, 16033	6
2019	Gene expression signatures of human cell and tissue longevity. <b>2016</b> , 2, 16014	28
2018	Multiclassifier combinatorial proteomics of organelle shadows at the example of mitochondria in chromatin data. <b>2016</b> , 16, 393-401	9

2017	Immunohistochemical Analysis of Sox17 Associated Pathway in Brain Arteriovenous Malformations. <b>2016</b> , 87, 573-83.e1-2	7
2016	An Atlas of the Human Kinome Reveals the Mutational Landscape Underlying Dysregulated Phosphorylation Cascades in Cancer. <b>2016</b> , 76, 1733-45	13
2015	In-Depth Proteomic Quantification of Cell Secretome in Serum-Containing Conditioned Medium. <b>2016</b> , 88, 4971-8	27
2014	Proteomics in the genome engineering era. <b>2016</b> , 16, 177-87	6
2013	The Need for Speed-Kinetic Limits of Drug Transporters. <b>2016</b> , 37, 243-245	2
2012	Dysregulated signaling hubs of liver lipid metabolism reveal hepatocellular carcinoma pathogenesis. <b>2016</b> , 44, 5529-39	30
2011	Positional proteomics in the era of the human proteome project on the doorstep of precision medicine. <b>2016</b> , 122, 110-8	35
2010	Comparative Proteomic Analysis of Whole-Gut Lavage Fluid and Pancreatic Juice Reveals a Less Invasive Method of Sampling Pancreatic Secretions. <b>2016</b> , 7, e174	5
2009	Current state of the art for enhancing urine biomarker discovery. <b>2016</b> , 13, 609-26	60
2008	Identification of brain-enriched proteins in the cerebrospinal fluid proteome by LC-MS/MS profiling and mining of the Human Protein Atlas. <b>2016</b> , 13, 11	46
2007	Multiplexed Epitope-Based Tissue Imaging for Discovery and Healthcare Applications. <b>2016</b> , 2, 225-38	136
2006	The enigma of ceramide synthase regulation in mammalian cells. <b>2016</b> , 63, 93-119	69
2005	Pigment epithelium-derived factor restoration increases bone mass and improves bone plasticity in a model of osteogenesis imperfecta type VI via Wnt3a blockade. <b>2016</b> , 30, 2837-48	24
2004	Circulating makorin ring finger protein 3 levels decline in boys before the clinical onset of puberty. <b>2016</b> , 174, 785-90	10
2003	A Systematic Characterization of Aquaporin-9 Expression in Human Normal and Pathological Tissues. <b>2016</b> , 64, 287-300	26
2002	B-Adrenoceptor agonists for overactive bladder syndrome: Role of translational pharmacology in a repositioning clinical drug development project. <b>2016</b> , 159, 66-82	35
2001	Differential mouse-strain specific expression of Junctional Adhesion Molecule (JAM)-B in placental structures. <b>2016</b> , 10, 2-17	3
2000	Clustered mutations in hominid genome evolution are consistent with APOBEC3G enzymatic activity. <b>2016</b> , 26, 579-87	11

1999	Prolonged survival in pancreatic cancer patients with increased regucalcin gene expression:  Overexpression of regucalcin suppresses the proliferation in human pancreatic cancer MIA PaCa-2 cells in vitro. <b>2016</b> , 48, 1955-64	23
1998	Integrated interactions database: tissue-specific view of the human and model organism interactomes. <b>2016</b> , 44, D536-41	146
1997	Dynamics of Protein Expression Reveals Primary Targets and Secondary Messengers of Estrogen Receptor Alpha Signaling in MCF-7 Breast Cancer Cells. <b>2016</b> , 15, 2093-107	20
1996	miR-185 mediates lung epithelial cell death after oxidative stress. <b>2016</b> , 310, L700-10	33
1995	With or without you - Proteomics with or without major plasma/serum proteins. <b>2016</b> , 140, 62-80	39
1994	Functional Conservation of the Glide/Gcm Regulatory Network Controlling Glia, Hemocyte, and Tendon Cell Differentiation in Drosophila. <b>2016</b> , 202, 191-219	11
1993	HDAC6-mediated EGFR stabilization and activation restrict cell response to sorafenib in non-small cell lung cancer cells. <b>2016</b> , 33, 50	15
1992	Specific c-Jun target genes in malignant melanoma. <b>2016</b> , 17, 486-97	12
1991	Crosstalk between tumor suppressors p53 and PKCEExecution of the intrinsic apoptotic pathways. <b>2016</b> , 377, 158-63	12
1990	Tetraspanin CD151 Promotes Initial Events in Human Cytomegalovirus Infection. <b>2016</b> , 90, 6430-42	23
1989	The Application of DamID to Identify Peripheral Gene Sequences in Differentiated and Primary Cells. <b>2016</b> , 1411, 359-86	7
1988	Dorsal root ganglia in Friedreich ataxia: satellite cell proliferation and inflammation. <b>2016</b> , 4, 46	45
1987	Precision medicine that transcends genomics: Glycans as integrators of genes and environment. <b>2016</b> , 1860, 1571-3	11
1986	Family-wide Structural Analysis of Human Numb-Associated Protein Kinases. <b>2016</b> , 24, 401-11	84
1985	Apolipoprotein L1 and Kidney Disease in African Americans. <b>2016</b> , 27, 204-215	56
1984	Five endometrial cancer risk loci identified through genome-wide association analysis. <b>2016</b> , 48, 667-674	56
1983	On the Dependency of Cellular Protein Levels on mRNA Abundance. <b>2016</b> , 165, 535-50	1235
1982	Incorporating organelle correlations into semi-supervised learning for protein subcellular localization prediction. <b>2016</b> , 32, 2184-92	17

TransgeneOmicsA transgenic platform for protein localization based function exploration. <b>2016</b> , 96, 69-74	6
An immunoassay for urinary extracellular vesicles. <b>2016</b> , 310, F796-F801	30
Four Susceptibility Loci for Gallstone Disease Identified in a Meta-analysis of Genome-Wide Association Studies. <b>2016</b> , 151, 351-363.e28	54
Insights into the dN/dS ratio heterogeneity between brain specific genes and widely expressed genes in species of different complexity. <b>2016</b> , 108, 11-7	11
Urate Handling in the Human Body. <b>2016</b> , 18, 34	62
An Integrative Proteomic Approach Identifies Novel Cellular SMYD2 Substrates. <b>2016</b> , 15, 2052-9	17
Functional poly(p-phenylene)s as targeting and drug carrier materials. <b>2016</b> , 65, 653-659	6
Applications in image-based profiling of perturbations. <b>2016</b> , 39, 134-142	87
Complementary Roles of GADD34- and CReP-Containing Eukaryotic Initiation Factor 28 Phosphatases during the Unfolded Protein Response. <b>2016</b> , 36, 1868-80	27
Systems-level analysis of human aging genes shed new light on mechanisms of aging. <b>2016</b> , 25, 2934-2947	23
The ever-expanding myokinome: discovery challenges and therapeutic implications. <b>2016</b> , 15, 719-29	147
Gene expression of immediate early genes of AP-1 transcription factor in human peripheral blood mononuclear cells in response to ionizing radiation. <b>2016</b> , 55, 431-440	4
Detection of Missing Proteins Using the PRIDE Database as a Source of Mass Spectrometry Evidence. <b>2016</b> , 15, 4101-4115	12
Putative functions of tissue kallikrein-related peptidases in vaginal fluid. <b>2016</b> , 13, 596-607	18
The FMR1 promoter is selectively hydroxymethylated in primary neurons of fragile X syndrome patients. <b>2016</b> , 25, 4870-4880	16
CSF profiling of the human brain enriched proteome reveals associations of neuromodulin and neurogranin to Alzheimer's disease. <b>2016</b> , 10, 1242-1253	40
Human fallopian tube proteome shows high coverage of mesenchymal stem cells associated proteins. <b>2016</b> , 36, e00297	6
Perturbation of redox balance after thioredoxin reductase deficiency interrupts autophagy-lysosomal degradation pathway and enhances cell death in nutritionally stressed SH-SY5Y cells. <b>2016</b> , 101, 53-70	21
	An immunoassay for urinary extracellular vesicles. 2016, 310, F796-F801  Four Susceptibility Loci for Gallstone Disease Identified in a Meta-analysis of Genome-Wide Association Studies. 2016, 151, 351-363.e28  Insights into the dN/dS ratio heterogeneity between brain specific genes and widely expressed genes in species of different complexity. 2016, 108, 11-7  Urate Handling in the Human Body. 2016, 18, 34  An Integrative Proteomic Approach Identifies Novel Cellular SMYD2 Substrates. 2016, 15, 2052-9  Functional poly(p-phenylene)s as targeting and drug carrier materials. 2016, 65, 653-659  Applications in image-based profiling of perturbations. 2016, 39, 134-142  Complementary Roles of GADD34- and CReP-Containing Eukaryotic Initiation Factor 28 Phosphatases during the Unfolded Protein Response. 2016, 36, 1868-80  Systems-level analysis of human aging genes shed new light on mechanisms of aging. 2016, 25, 2934-2947  The ever-expanding myokinome: discovery challenges and therapeutic implications. 2016, 15, 719-29  Gene expression of immediate early genes of AP-1 transcription factor in human peripheral blood mononuclear cells in response to ionizing radiation. 2016, 55, 431-440  Detection of Missing Proteins Using the PRIDE Database as a Source of Mass Spectrometry Evidence. 2016, 13, 4101-4115  Putative functions of tissue kallikrein-related peptidases in vaginal fluid. 2016, 13, 596-607  The FMR1 promoter is selectively hydroxymethylated in primary neurons of fragile X syndrome patients. 2016, 25, 4870-4880  CSF profiling of the human brain enriched proteome reveals associations of neuromodulin and neurogranin to Alzheimer's disease. 2016, 10, 1242-1253  Human fallopian tube proteome shows high coverage of mesenchymal stem cells associated proteins. 2016, 36, e00297  Perturbation of redok balance after thioredoxin reductase deficiency interrupts autophagylysosomal degradation pathway and enhances cell death in nutritionally stressed

1963	Analysis of Body-wide Unfractionated Tissue Data to Identify a Core Human Endothelial Transcriptome. <b>2016</b> , 3, 287-301.e3	20
1962	Two-stage additional evidence support association of common variants in the HDAC3 with the increasing risk of schizophrenia susceptibility. <b>2016</b> , 171, 1105-1111	37
1961	The NIH Protein Capture Reagents Program (PCRP): a standardized protein affinity reagent toolbox. <b>2016</b> , 13, 805-6	6
1960	Detection of candidate biomarkers of prostate cancer progression in serum: a depletion-free 3D LC/MS quantitative proteomics pilot study. <b>2016</b> , 115, 1078-1086	32
1959	Tissue Specificity of Gene Expression. <b>2016</b> , 4, 163-169	3
1958	Prion-Seeding Activity Is widely Distributed in Tissues of Sporadic Creutzfeldt-Jakob Disease Patients. <b>2016</b> , 12, 150-155	17
1957	Dietary Methyl Donors Contribute to Whole-Body Protein Turnover and Protein Synthesis in Skeletal Muscle and the Jejunum in Neonatal Piglets. <b>2016</b> , 146, 2007-2012	9
1956	Targeted next-generation sequencing for TP53, RAS, BRAF, ALK and NF1 mutations in anaplastic thyroid cancer. <b>2016</b> , 54, 733-741	31
1955	Exigencies of Biomarker Research in the Developing World: A Focus on the Dearth of Biobanking Resources. <b>2016</b> , 1-7	
1954	Multi-omics Quantification of Species Variation of Escherichia coli Links Molecular Features with Strain Phenotypes. <b>2016</b> , 3, 238-251.e12	67
1953	Yin Yang 1 is associated with cancer stem cell transcription factors (SOX2, OCT4, BMI1) and clinical implication. <b>2016</b> , 35, 84	89
1952	Tissue microarray profiling in human heart failure. <b>2016</b> , 16, 2319-26	6
1951	Metabolic flexibility of mitochondrial respiratory chain disorders predicted by computer modelling. <b>2016</b> , 31, 45-55	30
1950	The Chromatin Remodelling Protein CHD1 Contains a Previously Unrecognised C-Terminal Helical Domain. <b>2016</b> , 428, 4298-4314	10
1949	Prolonged survival in hepatocarcinoma patients with increased regucalcin gene expression: HepG2 cell proliferation is suppressed by overexpression of regucalcin in vitro. <b>2016</b> , 49, 1686-94	20
1948	Hepatic Differentiation of Human Induced Pluripotent Stem Cells in a Perfused Three-Dimensional Multicompartment Bioreactor. <b>2016</b> , 5, 235-48	35
1947	Characterization of human pineal gland proteome. <b>2016</b> , 12, 3622-3632	7
1946	Differences in the cellular composition of small versus large uterine fibroids. <b>2016</b> , 152, 467-80	11

1945	esophageal adenocarcinoma. <b>2016</b> , 1381, 74-91	23
1944	Meta-analysis of Genome Wide Association Studies Identifies Genetic Markers of Late Toxicity Following Radiotherapy for Prostate Cancer. <b>2016</b> , 10, 150-63	50
1943	Ribosomal frameshifting and transcriptional slippage: From genetic steganography and cryptography to adventitious use. <b>2016</b> , 44, 7007-78	157
1942	Oral absorption of peptides and nanoparticles across the human intestine: Opportunities, limitations and studies in human tissues. <b>2016</b> , 106, 256-276	258
1941	Integrative analysis of human omics data using biomolecular networks. <b>2016</b> , 12, 2953-64	26
1940	Structural insight into the inhibition of carbonic anhydrase by the COX-2-selective inhibitor polmacoxib (CG100649). <b>2016</b> , 478, 1-6	12
1939	Preclinical models for interrogating drug action in human cancers using Stable Isotope Resolved Metabolomics (SIRM). <b>2016</b> , 12, 1	20
1938	The prion protein is an agonistic ligand of the G protein-coupled receptor Adgrg6. <b>2016</b> , 536, 464-8	121
1937	Missing Protein Landscape of Human Chromosomes 2 and 14: Progress and Current Status. <b>2016</b> , 15, 3971-3978	12
1936	Metrics for the Human Proteome Project 2016: Progress on Identifying and Characterizing the Human Proteome, Including Post-Translational Modifications. <b>2016</b> , 15, 3951-3960	60
1935	Pangolin genomes and the evolution of mammalian scales and immunity. <b>2016</b> , 26, 1312-1322	54
1934	Prediction of kinase-specific phosphorylation sites through an integrative model of protein context and sequence. <b>2016</b> , 1864, 1599-608	9
1933	Protein microarray applications: Autoantibody detection and posttranslational modification. <b>2016</b> , 16, 2557-2569	32
1932	Neuroproteomic profiling of human body fluids. <b>2016</b> , 10, 485-502	6
1931	Open for collaboration: an academic platform for drug discovery and development at SciLifeLab. <b>2016</b> , 21, 1690-1698	7
1930	CREBBP mutation in human cutaneous squamous cell carcinoma. <b>2016</b> , 25, 650-1	5
1929	Screening of Two ADH4 Variations in a Swedish Cluster Headache Case-Control Material. <b>2016</b> , 56, 835-840	14
1928	Post-translational modifications of the cardiac proteome in diabetes and heart failure. <b>2016</b> , 10, 25-38	38

1927	Meta-analysis of gene expression profiles identifies differential biomarkers for hepatocellular carcinoma and cholangiocarcinoma. <b>2016</b> , 37, 12755-12766	10
1926	Representing and querying disease networks using graph databases. <b>2016</b> , 9, 23	52
1925	Mapping the Cell-Surface N-Glycoproteome of Human Hepatocytes Reveals Markers for Selecting a Homogeneous Population of iPSC-Derived Hepatocytes. <b>2016</b> , 7, 543-556	28
1924	Highlights of the Biology and Disease-driven Human Proteome Project, 2015-2016. <b>2016</b> , 15, 3979-3987	18
1923	Nuclear import sequence identification in hOAS3 protein. <b>2016</b> , 65, 895-904	6
1922	The multi-omic landscape of transcription factor inactivation in cancer. <b>2016</b> , 8, 89	20
1921	Distinct recruitment of human eIF4E isoforms to processing bodies and stress granules. <b>2016</b> , 17, 21	25
1920	Recon 2.2: from reconstruction to model of human metabolism. <b>2016</b> , 12, 109	184
1919	Targeting of ASH Domain-Containing Proteins to the Centrosome. <b>2016</b> , 1454, 15-33	4
1918	State of the Art of Chromosome 18-Centric HPP in 2016: Transcriptome and Proteome Profiling of Liver Tissue and HepG2 Cells. <b>2016</b> , 15, 4030-4038	16
1917	Deep Coverage Proteomics Identifies More Low-Abundance Missing Proteins in Human Testis Tissue with Q-Exactive HF Mass Spectrometer. <b>2016</b> , 15, 3988-3997	32
1916	Identification of a novel progenitor cell marker, grainyhead-like 2 in the developing pituitary. <b>2016</b> , 245, 1097-1106	6
1915	Codon identity regulates mRNA stability and translation efficiency during the maternal-to-zygotic transition. <b>2016</b> , 35, 2087-2103	145
1914	Association of TGFB ignaling with the maintenance of a quiescent stem cell niche in human oral mucosa. <b>2016</b> , 146, 539-555	5
1913	Synergistic effects of ion transporter and MAP kinase pathway inhibitors in melanoma. <b>2016</b> , 7, 12336	29
1912	Patterns of ribosomal protein expression specify normal and malignant human cells. <b>2016</b> , 17, 236	97
1911	Planar cell polarity signaling in the uterus directs appropriate positioning of the crypt for embryo implantation. <b>2016</b> , 113, E8079-E8088	26
1910	A protein-truncating R179X variant in RNF186 confers protection against ulcerative colitis. <b>2016</b> , 7, 12342	41

1909 <b>Mo</b> u	use Sox17 haploinsufficiency leads to female subfertility due to impaired implantation. <b>2016</b> , 6, 24171	29
	ntitative secretomic analysis of pancreatic cancer cells in serum-containing conditioned lium. <b>2016</b> , 6, 37606	25
1907 <b>Ora</b>	l delivery of peptides: opportunities and issues for translation. <b>2016</b> , 106, 193-195	37
	neation of autoantibody repertoire through differential proteogenomics in hepatitis C s-induced cryoglobulinemia. <b>2016</b> , 6, 29532	6
	notypic and Interaction Profiling of the Human Phosphatases Identifies Diverse Mitotic ulators. <b>2016</b> , 17, 2488-2501	58
1904 <b>Da</b> t	a sources for in vivo molecular profiling of human phenotypes. <b>2016</b> , 8, 472-484	1
1903 <b>Mas</b>	s-spectrometric exploration of proteome structure and function. <b>2016</b> , 537, 347-55	1070
1902 <b>Gen</b>	etic mapping of canine fear and aggression. <b>2016</b> , 17, 572	70
	ate on ultrasensitive technologies to facilitate research on blood biomarkers for central yous system disorders. <b>2016</b> , 3, 98-102	47
	nparative analysis of housekeeping and tissue-specific driver nodes in human protein raction networks. <b>2016</b> , 17, 358	10
1899 Flui	d biomarkers for mild traumatic brain injury and related conditions. <b>2016</b> , 12, 563-74	150
	mline NLRP1 Mutations Cause Skin Inflammatory and Cancer Susceptibility Syndromes via ammasome Activation. <b>2016</b> , 167, 187-202.e17	224
1897 And	ovel mouse model for the identification of thioredoxin-1 protein interactions. <b>2016</b> , 99, 533-543	11
	human RHOX gene cluster: target genes and functional analysis of gene variants in infertile n. <b>2016</b> , 25, 4898-4910	21
1895 <b>A</b> ng	elman syndrome - insights into a rare neurogenetic disorder. <b>2016</b> , 12, 584-93	173
	nent epithelium-derived factor (PEDF) normalizes matrix defects in iPSCs derived from eogenesis imperfecta Type VI. <b>2016</b> , 4, e1212150	3
1893 The	therapeutic hope for HDAC6 inhibitors in malignancy and chronic disease. <b>2016</b> , 130, 987-1003	48
1892 Wha	at Signatures Dominantly Associate with Gene Age?. <b>2016</b> , 8, 3083-3089	10

1891 Gene Networks in Neuropsychiatric Disease. **2016**, 161-178

1890	ImmunoPET for assessing the differential uptake of a CD146-specific monoclonal antibody in lung cancer. <b>2016</b> , 43, 2169-2179	17
1889	Looking for Missing Proteins in the Proteome of Human Spermatozoa: An Update. <b>2016</b> , 15, 3998-4019	55
1888	Crowdsourcing biomedical research: leveraging communities as innovation engines. <b>2016</b> , 17, 470-86	106
1887	Tissue-Specific Gene Repositioning by Muscle Nuclear Membrane Proteins Enhances Repression of Critical Developmental Genes during Myogenesis. <b>2016</b> , 62, 834-847	118
1886	The circadian coordination of cell biology. <b>2016</b> , 215, 15-25	73
1885	Gastric Proteins MUC5AC and TFF1 as Potential Diagnostic Markers of Colonic Sessile Serrated Adenomas/Polyps. <b>2016</b> , 146, 530-537	11
1884	[Autoantibody-associated autoimmune encephalitis and cerebellitis: Clinical presentation, diagnostic work-up and treatment]. <b>2016</b> , 87, 1293-1299	11
1883	ANGIOGENES: knowledge database for protein-coding and noncoding RNA genes in endothelial cells. <b>2016</b> , 6, 32475	17
1882	Improving GENCODE reference gene annotation using a high-stringency proteogenomics workflow. <b>2016</b> , 7, 11778	51
1881	Illuminating a plant's tissue-specific metabolic diversity using computational metabolomics and information theory. <b>2016</b> , 113, E7610-E7618	53
1880	Tubulin Folding and Degradation. <b>2016</b> , 1-9	3
1879	Adhesion GPCRs in Tumorigenesis. <b>2016</b> , 234, 369-396	44
1878	miR-93 regulates Msk2-mediated chromatin remodelling in diabetic nephropathy. <b>2016</b> , 7, 12076	43
1877	Haploinsufficiency of KMT2B, Encoding the Lysine-Specific Histone Methyltransferase 2B, Results in Early-Onset Generalized Dystonia. <b>2016</b> , 99, 1377-1387	89
1876	Association-heterogeneity mapping identifies an Asian-specific association of the GTF2I locus with rheumatoid arthritis. <b>2016</b> , 6, 27563	13
1875	A Cell-type-resolved Liver Proteome. <b>2016</b> , 15, 3190-3202	45
1874	Analysis of fucosylation in liver-secreted N-glycoproteins from human hepatocellular carcinoma plasma using liquid chromatography with tandem mass spectrometry. <b>2016</b> , 408, 7761-7774	12

1873	The state of play in higher eukaryote gene annotation. <b>2016</b> , 17, 758-772	48
1872	Single-Cell Analysis Uncovers Clonal Acinar Cell Heterogeneity in the Adult Pancreas. <b>2016</b> , 39, 289-301	60
1871	Proteomic Analysis of Non-depleted Serum Proteins from Bottlenose Dolphins Uncovers a High Vanin-1 Phenotype. <b>2016</b> , 6, 33879	13
1870	Improved affinity at the cost of decreased specificity: a recurring theme in PDZ-peptide interactions. <b>2016</b> , 6, 34269	13
1869	Epigenetic activation of the drug transporter OCT2 sensitizes renal cell carcinoma to oxaliplatin. <b>2016</b> , 8, 348ra97	64
1868	Quantitative Chemical Proteomic Profiling of Ubiquitin Specific Proteases in Intact Cancer Cells. <b>2016</b> , 11, 3268-3272	35
1867	Progress in the Chromosome-Centric Human Proteome Project as Highlighted in the Annual Special Issue IV. <b>2016</b> , 15, 3945-3950	15
1866	Connexin and pannexin channels in cancer. <b>2016</b> , 17 Suppl 1, 12	44
1865	An Ancient Fecundability-Associated Polymorphism Switches a Repressor into an Enhancer of Endometrial TAP2 Expression. <b>2016</b> , 99, 1059-1071	10
1864	A bead-based western for high-throughput cellular signal transduction analyses. <b>2016</b> , 7, 12852	56
1863	Stabilizing mutations of KLHL24 ubiquitin ligase cause loss of keratin 14 and human skin fragility. <b>2016</b> , 48, 1508-1516	73
1862	Infantile Hemangioma Originates From A Dysregulated But Not Fully Transformed Multipotent Stem Cell. <b>2016</b> , 6, 35811	19
1861	The RNA-binding protein Gemin5 binds directly to the ribosome and regulates global translation. <b>2016</b> , 44, 8335-51	35
1860	A protein homeostasis signature in healthy brains recapitulates tissue vulnerability to Alzheimer's disease. <b>2016</b> , 2, e1600947	68
1859	Nitrilase-Activatable Noncanonical Amino Acid Precursors for Cell-Selective Metabolic Labeling of Proteomes. <b>2016</b> , 11, 3273-3277	14
1858	Downregulation of EGFR in hypoxic, diffusion-limited areas of squamous cell carcinomas of the head and neck. <b>2016</b> , 115, 1351-1358	13
1857	Multiplex matrix network analysis of protein complexes in the human TCR signalosome. <b>2016</b> , 9, rs7	15
1856	De novo identification of cell type hierarchy with application to compound marker detection. <b>2016</b> ,	1

1855	Systematic Analysis of Drug Targets Confirms Expression in Disease-Relevant Tissues. <b>2016</b> , 6, 36205	17
1854	Inositol 1,4,5-trisphosphate receptor type 1 autoantibodies in paraneoplastic and non-paraneoplastic peripheral neuropathy. <b>2016</b> , 13, 278	17
1853	Evolutionary hallmarks of the human proteome: chasing the age and coregulation of protein-coding genes. <b>2016</b> , 17, 725	4
1852	Prediction of scaffold proteins based on protein interaction and domain architectures. <b>2016</b> , 17 Suppl 6, 220	1
1851	Variants in CCL16 are associated with blood plasma and cerebrospinal fluid CCL16 protein levels. <b>2016</b> , 17 Suppl 3, 437	1
1850	The harmonizome: a collection of processed datasets gathered to serve and mine knowledge about genes and proteins. <b>2016</b> , 2016,	504
1849	Type 1 diabetes cadaveric human pancreata exhibit a unique exocrine tissue proteomic profile. <b>2016</b> , 16, 1432-46	20
1848	Manual evaluation of tissue microarrays in a high-throughput research project: The contribution of Indian surgical pathology to the Human Protein Atlas (HPA) project. <b>2016</b> , 16, 1266-70	14
1847	Cell Surface Human Airway Trypsin-Like Protease Is Lost During Squamous Cell Carcinogenesis. <b>2016</b> , 231, 1476-83	8
1846	Antigen arrays for profiling autoantibody repertoires. <b>2016</b> , 8, 1105-26	35
1845	Clinical and pathologic features of Aicardi-Goutifies syndrome due to an IFIH1 mutation: A pediatric case report. <b>2016</b> , 170A, 1317-24	8
1844	Regulating the Rate of Molecular Self-Assembly for Targeting Cancer Cells. 2016, 55, 5770-5	65
1843	Pharmacological Modulation of Proton Channel Hv1 in Cancer Therapy: Future Perspectives. <b>2016</b> , 90, 385-402	8
1842	RECQ helicases are deregulated in hematological malignancies in association with a prognostic value. <b>2016</b> , 4, 3	10
1841	[Caspase-1 regulates autoinflammation in rheumatic diseases]. <b>2016</b> , 75, 265-75	6
1840	A Common Variant at the 14q32 Endometrial Cancer Risk Locus Activates AKT1 through YY1 Binding. <b>2016</b> , 98, 1159-1169	17
1839	Transcriptomic Segregation of Human Autoantigens Useful for the Diagnosis of Autoimmune Diseases. <b>2016</b> , 20, 415-27	14
1838	The Human Protein Atlas - an important resource for basic and clinical research. <b>2016</b> , 13, 627-9	19

1837	20-Hydroxyeicosatetraenoic Acid (HETE)-dependent Hypertension in Human Cytochrome P450 (CYP) 4A11 Transgenic Mice: NORMALIZATION OF BLOOD PRESSURE BY SODIUM RESTRICTION, HYDROCHLOROTHIAZIDE, OR BLOCKADE OF THE TYPE 1 ANGIOTENSIN II RECEPTOR. <b>2016</b> , 291, 16904-19	23
1836	Advanced Multidimensional Separations in Mass Spectrometry: Navigating the Big Data Deluge. <b>2016</b> , 9, 387-409	59
1835	Liver: Phenotypic and genetic variance: a systems approach to the liver. <b>2016</b> , 13, 439-40	6
1834	Integrated Network Analysis Reveals an Association between Plasma Mannose Levels and Insulin Resistance. <b>2016</b> , 24, 172-84	105
1833	The Drosophila ortholog of TMEM18 regulates insulin and glucagon-like signaling. 2016, 229, 233-43	13
1832	Emergence and Evolution of Hominidae-Specific Coding and Noncoding Genomic Sequences. <b>2016</b> , 8, 2076-92	10
1831	Beta-3 adrenergic agonists reduce pulmonary vascular resistance and improve right ventricular performance in a porcine model of chronic pulmonary hypertension. <b>2016</b> , 111, 49	25
1830	Integrated data mining of transcriptomic and proteomic datasets to predict the secretome of adipose tissue and muscle in ruminants. <b>2016</b> , 12, 2722-34	7
1829	An epigenetic mechanism mediates developmental nicotine effects on neuronal structure and behavior. <b>2016</b> , 19, 905-14	54
1828	The origin of the supernumerary subunits and assembly factors of complex I: A treasure trove of pathway evolution. <b>2016</b> , 1857, 971-9	37
1827	Variants within the SP110 nuclear body protein modify risk of canine degenerative myelopathy. <b>2016</b> , 113, E3091-100	25
1826	Exploration of high-density protein microarrays for antibody validation and autoimmunity profiling. <b>2016</b> , 33, 582-92	39
1825	g:Profiler-a web server for functional interpretation of gene lists (2016 update). <b>2016</b> , 44, W83-9	811
1824	CKAP2 is necessary to ensure the faithful spindle bipolarity in a dividing diploid hepatocyte. <b>2016</b> , 473, 886-893	2
1823	Utilization of HPASubC for the Identification of Sinusoid-Specific Proteins in the Liver. <b>2016</b> , 15, 1623-9	9
1822	ChainRank, a chain prioritisation method for contextualisation of biological networks. <b>2016</b> , 17, 17	14
1821	Global analysis of human duplicated genes reveals the relative importance of whole-genome duplicates originated in the early vertebrate evolution. <b>2016</b> , 17, 71	13
1820	Old genes experience stronger translational selection than young genes. <b>2016</b> , 590, 29-34	7

1819	FOXN3 Regulates Hepatic Glucose Utilization. <b>2016</b> , 15, 2745-55	24
1818	Omics databases on kidney disease: where they can be found and how to benefit from them. <b>2016</b> , 9, 343-52	22
1817	ELAVL2-regulated transcriptional and splicing networks in human neurons link neurodevelopment and autism. <b>2016</b> , 25, 2451-2464	30
1816	A novel COL4A1 frameshift mutation in familial kidney disease: the importance of the C-terminal NC1 domain of type IV collagen. <b>2016</b> , 31, 1908-1914	19
1815	Stromal VCAN expression as a potential prognostic biomarker for disease recurrence in stage II-III colon cancer. <b>2016</b> , 37, 878-887	29
1814	Convergent evolution of pregnancy-specific glycoproteins in human and horse. <b>2016</b> , 152, 171-84	9
1813	Topology based identification and comprehensive classification of four-transmembrane helix containing proteins (4TMs) in the human genome. <b>2016</b> , 17, 268	6
1812	Computational pathology of pre-treatment biopsies identifies lymphocyte density as a predictor of response to neoadjuvant chemotherapy in breast cancer. <b>2016</b> , 18, 21	43
1811	Radioimmunotherapy of prostate cancer targeting human kallikrein-related peptidase 2. <b>2016</b> , 6, 27	11
1810	SATB2 is expressed in Merkel cell carcinoma. <b>2016</b> , 308, 449-54	27
1809	Anti-migratory activity of marine alkaloid monanchocidin A - proteomics-based discovery and confirmation. <b>2016</b> , 16, 1590-603	15
		15
1808	confirmation. <b>2016</b> , 16, 1590-603	
1808	confirmation. <b>2016</b> , 16, 1590-603  Integrative methods for analyzing big data in precision medicine. <b>2016</b> , 16, 741-58	120
1808 1807 1806	confirmation. <b>2016</b> , 16, 1590-603  Integrative methods for analyzing big data in precision medicine. <b>2016</b> , 16, 741-58  Cortical gene expression correlates of temporal lobe epileptogenicity. <b>2016</b> , 23, 181-90  Decorin-mediated inhibition of the migration of U87MG glioma cells involves activation of	120
1808 1807 1806 1805	Integrative methods for analyzing big data in precision medicine. 2016, 16, 741-58  Cortical gene expression correlates of temporal lobe epileptogenicity. 2016, 23, 181-90  Decorin-mediated inhibition of the migration of U87MG glioma cells involves activation of autophagy and suppression of TGF-Bignaling. 2016, 6, 707-19	120 6 27
1808 1807 1806 1805	Integrative methods for analyzing big data in precision medicine. 2016, 16, 741-58  Cortical gene expression correlates of temporal lobe epileptogenicity. 2016, 23, 181-90  Decorin-mediated inhibition of the migration of U87MG glioma cells involves activation of autophagy and suppression of TGF-Isignaling. 2016, 6, 707-19  A novel BAP1 mutation is associated with melanocytic neoplasms and thyroid cancer. 2016, 209, 75-81	120 6 27 21

1801	Sequencing of FTO and ALKBH5 in men undergoing infertility work-up identifies an infertility-associated variant and two missense mutations. <b>2016</b> , 105, 1170-1179.e5	25
1800	Cell-free DNA Comprises an In Vivo Nucleosome Footprint that Informs Its Tissues-Of-Origin. <b>2016</b> , 164, 57-68	664
1799	Small Molecule Inhibitors of Protein Arginine Methyltransferases. <b>2016</b> , 25, 335-58	81
1798	The biochemical and mass spectrometric profiling of the dystrophin complexome from skeletal muscle. <b>2016</b> , 14, 20-7	39
1797	Pregnancy in a Patient With Primary Membranous Nephropathy and Circulating Anti-PLA2R Antibodies: A Case Report. <b>2016</b> , 67, 775-8	20
1796	Dynamic changes in the proteome of human peripheral blood mononuclear cells with low dose ionizing radiation. <b>2016</b> , 797, 9-20	12
1795	Exome Array Analysis Identifies a Common Variant in IL27 Associated with Chronic Obstructive Pulmonary Disease. <b>2016</b> , 194, 48-57	37
1794	Lynx: a knowledge base and an analytical workbench for integrative medicine. <b>2016</b> , 44, D882-7	7
1793	Synthesis of selenium nanoparticles with mesoporous silica drug-carrier shell for programmed responsive tumor targeted synergistic therapy. <b>2016</b> , 6, 2171-2175	12
1792	The canonical Wnt pathway regulates the metastasis-promoting mucin MUC4 in pancreatic ductal adenocarcinoma. <b>2016</b> , 10, 224-39	22
1791	Genome-wide metabolic model to improve understanding of CD4(+) T cell metabolism, immunometabolism and application in drug design. <b>2016</b> , 12, 431-43	12
1790	MERAV: a tool for comparing gene expression across human tissues and cell types. <b>2016</b> , 44, D560-6	80
1789	The orchestra of lipid-transfer proteins at the crossroads between metabolism and signaling. <b>2016</b> , 61, 30-9	64
1788	MitoMiner v3.1, an update on the mitochondrial proteomics database. <b>2016</b> , 44, D1258-61	126
1787	Expression Atlas updatean integrated database of gene and protein expression in humans, animals and plants. <b>2016</b> , 44, D746-52	404
1786	On the linkage between the ubiquitin-proteasome system and the mitochondria. <b>2016</b> , 473, 80-86	27
1785	Human CYP27A1 catalyzes hydroxylation of Bitosterol and ergosterol. <b>2016</b> , 397, 513-8	4
1784	Zooming-in on cancer metabolic rewiring with tissue specific constraint-based models. <b>2016</b> , 62, 60-9	30

1783	Integrin signalling regulates YAP and TAZ to control skin homeostasis. <b>2016</b> , 143, 1674-87	168
1782	Immunocapture strategies in translational proteomics. <b>2016</b> , 13, 83-98	28
1781	Exploring the potential of public proteomics data. <b>2016</b> , 16, 214-25	54
1780	NCG 5.0: updates of a manually curated repository of cancer genes and associated properties from cancer mutational screenings. <b>2016</b> , 44, D992-9	77
1779	Single-cell Transcriptome Study as Big Data. <b>2016</b> , 14, 21-30	27
1778	Drugging Membrane Protein Interactions. <b>2016</b> , 18, 51-76	148
1777	Anoctamin 2 identified as an autoimmune target in multiple sclerosis. <b>2016</b> , 113, 2188-93	59
1776	Recommendations for description and validation of antibodies for research use. <b>2016</b> , 156, 40-2	12
1775	Circular RNA profile in gliomas revealed by identification tool UROBORUS. <b>2016</b> , 44, e87	222
1774	Moving Toward Understanding the Proteome Involved in Substance Abuse. <b>2016</b> , 79, 422-4	
1773	Hexosamine biosynthesis in keratinocytes: roles of GFAT and GNPDA enzymes in the maintenance of UDP-GlcNAc content and hyaluronan synthesis. <b>2016</b> , 26, 710-22	29
1772	A physiome interoperability roadmap for personalized drug development. <b>2016</b> , 6, 20150094	7
1771	An oncogenic MYB feedback loop drives alternate cell fates in adenoid cystic carcinoma. <b>2016</b> , 48, 265-72	152
1770	Tle1 tumor suppressor negatively regulates inflammation in vivo and modulates NF- <b>B</b> inflammatory pathway. <b>2016</b> , 113, 1871-6	43
1769	Neurodegeneration in a Drosophila model of adrenoleukodystrophy: the roles of the Bubblegum and Double bubble acyl-CoA synthetases. <b>2016</b> , 9, 377-87	23
1768	Single-cell proteomics: potential implications for cancer diagnostics. <b>2016</b> , 16, 579-89	21
1767	Personalized Medicine in Respiratory Disease: Role of Proteomics. <b>2016</b> , 102, 115-46	16
1766	QPrESTIBotope-labeled multipeptide standards for quantitative mass spectrometryBased proteomics. <b>2016</b> , 13, iv-vi	1

1765	syndrome - insight from transcriptosome and experimental studies. <b>2016</b> , 15, 647-57	26
1764	Loss of carbonic anhydrase XII function in individuals with elevated sweat chloride concentration and pulmonary airway disease. <b>2016</b> , 25, 1923-1933	22
1763	Label-free proteomic methodology for the analysis of human kidney stone matrix composition. <b>2016</b> , 14, 4	17
1762	The Predictive Link between Matrix and Metastasis. <b>2016</b> , 11, 85-93	34
1761	Mechanistic Basis of Organization of the Harmonin/USH1C-Mediated Brush Border Microvilli Tip-Link Complex. <b>2016</b> , 36, 179-89	27
1760	Preeclampsia and Inflammatory Preterm Labor Alter the Human Placental Hematopoietic Niche. <b>2016</b> , 23, 1179-92	9
1759	System-wide Clinical Proteomics of Breast Cancer Reveals Global Remodeling of Tissue Homeostasis. <b>2016</b> , 2, 172-84	63
1758	Mass spectrometric quantification of salivary metanephrines-A study in healthy subjects. <b>2016</b> , 49, 983-8	6
1757	Enzyme-Instructed Self-Assembly of Small D-Peptides as a Multiple-Step Process for Selectively Killing Cancer Cells. <b>2016</b> , 138, 3813-23	179
1756	MitoCarta2.0: an updated inventory of mammalian mitochondrial proteins. <b>2016</b> , 44, D1251-7	888
1755	Evolution and structural organization of the mitochondrial contact site (MICOS) complex and the mitochondrial intermembrane space bridging (MIB) complex. <b>2016</b> , 1863, 91-101	108
1754	Proteomic Approaches for Biomarker Panels in Cancer. <b>2016</b> , 37, 1-15	13
1753	Identification of significantly mutated regions across cancer types highlights a rich landscape of functional molecular alterations. <b>2016</b> , 48, 117-25	60
1752	Production of superoxide/hydrogen peroxide by the mitochondrial 2-oxoadipate dehydrogenase complex. <b>2016</b> , 91, 247-55	44
1751	Large-scale inference of protein tissue origin in gram-positive sepsis plasma using quantitative targeted proteomics. <b>2016</b> , 7, 10261	71
1750	Simple Method To Prepare Oligonucleotide-Conjugated Antibodies and Its Application in Multiplex Protein Detection in Single Cells. <b>2016</b> , 27, 217-25	50
1749	PDLIM1 Stabilizes the E-Cadherin/ECatenin Complex to Prevent Epithelial-Mesenchymal Transition and Metastatic Potential of Colorectal Cancer Cells. <b>2016</b> , 76, 1122-34	69
1748	The 5300-year-old Helicobacter pylori genome of the Iceman. <i>Science</i> , <b>2016</b> , 351, 162-165	152

1747	Exome Sequencing Analysis in Severe, Early-Onset Chronic Obstructive Pulmonary Disease. <b>2016</b> , 193, 1353-63	35
1746	Parathyroid hormone induces adipocyte lipolysis via PKA-mediated phosphorylation of hormone-sensitive lipase. <b>2016</b> , 28, 204-213	45
1745	A proteogenomic approach to understand splice isoform functions through sequence and expression-based computational modeling. <b>2016</b> , 17, 1024-1031	6
1744	A Role for Low Density Lipoprotein Receptor-Related Protein 1 in the Cellular Uptake of Tissue Plasminogen Activator in the Lungs. <b>2016</b> , 33, 72-82	4
1743	Activation of the Farnesoid X-receptor in breast cancer cell lines results in cytotoxicity but not increased migration potential. <b>2016</b> , 370, 250-9	23
1742	Application of proteomics in non-small-cell lung cancer. <b>2016</b> , 13, 1-4	14
1741	Oncogene-Induced Senescence in Pituitary Adenomasan Immunohistochemical Study. <b>2016</b> , 27, 1-11	11
1740	Novel N-terminal and Lysine Methyltransferases That Target Translation Elongation Factor 1A in Yeast and Human. <b>2016</b> , 15, 164-76	41
1739	Bioinformatics tools for lncRNA research. <b>2016</b> , 1859, 23-30	37
1738	Integration of quantitative proteomics data and interaction networks: Identification of dysregulated cellular functions during cancer progression. <b>2016</b> , 93, 103-9	4
1737	CAMUR: Knowledge extraction from RNA-seq cancer data through equivalent classification rules. <b>2016</b> , 32, 697-704	24
1736	Colorectal cancer atlas: An integrative resource for genomic and proteomic annotations from colorectal cancer cell lines and tissues. <b>2016</b> , 44, D969-74	37
1735	Antibodies as means for selective mass spectrometry. <b>2016</b> , 1021, 3-13	8
1734	Structural disorder: a tool for housekeeping proteins performing tissue-specific interactions. <b>2016</b> , 34, 1930-45	4
1733	New strategies to maximize therapeutic opportunities for NAMPT inhibitors in oncology. <b>2016</b> , 3, e1052180	31
1732	The extracellular matrix: Tools and insights for the "omics" era. <b>2016</b> , 49, 10-24	457
1731	Rare renal ciliopathies in non-consanguineous families that were identified by targeted resequencing. <b>2017</b> , 21, 136-142	8
1730	Patients with gout differ from healthy subjects in renal response to changes in serum uric acid. <b>2017</b> , 84, 183-188	24

### (2017-2017)

	Molecular imaging with Ruprrer Cell-Targeting Nanobodies for Diagnosis and Prognosis in Mouse Models of Liver Pathogenesis. <b>2017</b> , 19, 49-58	19
1728	Ebola Virus Disease in Pregnancy: Clinical, Histopathologic, and Immunohistochemical Findings. <b>2017</b> , 215, 64-69	34
1727	Amino acid composition analysis of human secondary transport proteins and implications for reliable membrane topology prediction. <b>2017</b> , 35, 929-949	8
1726	Signal transduction pathways activated by insulin-like peptide 5 at the relaxin family peptide RXFP4 receptor. <b>2017</b> , 174, 1077-1089	21
1725	Single-cell gene expression analysis reveals diversity among human spermatogonia. <b>2017</b> , 23, 79-90	33
1724	Acetylation Enhances TET2 Function in Protecting against Abnormal DNA Methylation during Oxidative Stress. <b>2017</b> , 65, 323-335	86
1723	Evaluation of [F]-ATRi as PET tracer for in vivo imaging of ATR in mouse models of brain cancer. <b>2017</b> , 48, 9-15	3
1722	Characterization of the Molecular Mechanisms Underlying the Chronic Phase of Stroke in a Cynomolgus Monkey Model of Induced Cerebral Ischemia. <b>2017</b> , 16, 1150-1166	10
1721	Profound loss of esophageal tissue differentiation in patients with eosinophilic esophagitis. <b>2017</b> , 140, 738-749.e3	33
1720	Accelerating the search for the missing proteins in the human proteome. <b>2017</b> , 8, 14271	73
1720 1719	Accelerating the search for the missing proteins in the human proteome. <b>2017</b> , 8, 14271  Differential proteomic and oxidative profiles unveil dysfunctional protein import to adipocyte mitochondria in obesity-associated aging and diabetes. <b>2017</b> , 11, 415-428	73
,	Differential proteomic and oxidative profiles unveil dysfunctional protein import to adipocyte mitochondria in obesity-associated aging and diabetes. <b>2017</b> , 11, 415-428	
1719	Differential proteomic and oxidative profiles unveil dysfunctional protein import to adipocyte mitochondria in obesity-associated aging and diabetes. <b>2017</b> , 11, 415-428  Phosphoproteomic comparison of Pik3ca and Pten signalling identifies the nucleotidase NT5C as a	27
1719 1718	Differential proteomic and oxidative profiles unveil dysfunctional protein import to adipocyte mitochondria in obesity-associated aging and diabetes. 2017, 11, 415-428  Phosphoproteomic comparison of Pik3ca and Pten signalling identifies the nucleotidase NT5C as a novel AKT substrate. 2017, 7, 39985  A targeted RNAi screen identifies factors affecting diverse stages of receptor-mediated transcytosis. 2017, 216, 511-525	27
1719 1718 1717	Differential proteomic and oxidative profiles unveil dysfunctional protein import to adipocyte mitochondria in obesity-associated aging and diabetes. 2017, 11, 415-428  Phosphoproteomic comparison of Pik3ca and Pten signalling identifies the nucleotidase NT5C as a novel AKT substrate. 2017, 7, 39985  A targeted RNAi screen identifies factors affecting diverse stages of receptor-mediated transcytosis. 2017, 216, 511-525  Placental 11 Ehydroxysteroid dehydrogenase type 2 (11EHSD2) expression very early during	27 12 13
1719 1718 1717 1716	Differential proteomic and oxidative profiles unveil dysfunctional protein import to adipocyte mitochondria in obesity-associated aging and diabetes. 2017, 11, 415-428  Phosphoproteomic comparison of Pik3ca and Pten signalling identifies the nucleotidase NT5C as a novel AKT substrate. 2017, 7, 39985  A targeted RNAi screen identifies factors affecting diverse stages of receptor-mediated transcytosis. 2017, 216, 511-525  Placental 11 Ehydroxysteroid dehydrogenase type 2 (11EHSD2) expression very early during human pregnancy. 2017, 8, 149-154	27 12 13
1719 1718 1717 1716	Differential proteomic and oxidative profiles unveil dysfunctional protein import to adipocyte mitochondria in obesity-associated aging and diabetes. 2017, 11, 415-428  Phosphoproteomic comparison of Pik3ca and Pten signalling identifies the nucleotidase NT5C as a novel AKT substrate. 2017, 7, 39985  A targeted RNAi screen identifies factors affecting diverse stages of receptor-mediated transcytosis. 2017, 216, 511-525  Placental 11 Ehydroxysteroid dehydrogenase type 2 (11EHSD2) expression very early during human pregnancy. 2017, 8, 149-154  The Heterocellular Emergence of Colorectal Cancer. 2017, 3, 79-88	27 12 13 16

1711	Genetic variants associated with angiotensin-converting enzyme inhibitor-induced cough: a genome-wide association study in a Swedish population. <b>2017</b> , 18, 201-213	15
1710	Abundant ghrelin gene expression by monocytes: Putative implications for fat accumulation and obesity. <b>2017</b> , 5, 1-3	5
1709	A systematic search strategy identifies cubilin as independent prognostic marker for renal cell carcinoma. <b>2017</b> , 17, 9	17
1708	Comparative Analysis of Mitochondrial N-Termini from Mouse, Human, and Yeast. <b>2017</b> , 16, 512-523	48
1707	FZD-G⊞ignalling axis points to a role of FZD in CNS angiogenesis. <b>2017</b> , 32, 93-103	18
1706	Mutations in KIAA0753 cause Joubert syndrome associated with growth hormone deficiency. <b>2017</b> , 136, 399-408	24
1705	The versatility and paradox of GDF 11. <b>2017</b> , 175, 28-34	17
1704	Lipid sensing by mTOR complexes via synthesis of phosphatidic acid. <b>2017</b> , 292, 6303-6311	70
1703	Untargeted metabolomics of colonic digests reveals kynurenine pathway metabolites, dityrosine and 3-dehydroxycarnitine as red versus white meat discriminating metabolites. <b>2017</b> , 7, 42514	49
1702	The core regulatory network in human cells. <b>2017</b> , 484, 348-353	4
	The core regulatory network in human cells. <b>2017</b> , 484, 348-353  A Systematic Evaluation of Methods for Tailoring Genome-Scale Metabolic Models. <b>2017</b> , 4, 318-329.e6	107
	A Systematic Evaluation of Methods for Tailoring Genome-Scale Metabolic Models. <b>2017</b> , 4, 318-329.e6  In situ generated D-peptidic nanofibrils as multifaceted apoptotic inducers to target cancer cells.	
1701	A Systematic Evaluation of Methods for Tailoring Genome-Scale Metabolic Models. <b>2017</b> , 4, 318-329.e6  In situ generated D-peptidic nanofibrils as multifaceted apoptotic inducers to target cancer cells.	107
1701 1700	A Systematic Evaluation of Methods for Tailoring Genome-Scale Metabolic Models. 2017, 4, 318-329.e6  In situ generated D-peptidic nanofibrils as multifaceted apoptotic inducers to target cancer cells. 2017, 8, e2614  A postnatal role for embryonic myosin revealed by MYH3 mutations that alter TGFIsignaling and cause autosomal dominant spondylocarpotarsal synostosis. 2017, 7, 41803  Novel Variant in the Membrane-Binding Domain Is Associated With Ankyrin-B Syndrome and	107 30
1701 1700 1699	A Systematic Evaluation of Methods for Tailoring Genome-Scale Metabolic Models. 2017, 4, 318-329.e6  In situ generated D-peptidic nanofibrils as multifaceted apoptotic inducers to target cancer cells. 2017, 8, e2614  A postnatal role for embryonic myosin revealed by MYH3 mutations that alter TGFlsignaling and cause autosomal dominant spondylocarpotarsal synostosis. 2017, 7, 41803  Novel Variant in the Membrane-Binding Domain Is Associated With Ankyrin-B Syndrome and Structural Heart Disease in a First Nations Population With a High Rate of Long QT Syndrome. 2017,	107 30 17
1701 1700 1699	A Systematic Evaluation of Methods for Tailoring Genome-Scale Metabolic Models. 2017, 4, 318-329.e6  In situ generated D-peptidic nanofibrils as multifaceted apoptotic inducers to target cancer cells. 2017, 8, e2614  A postnatal role for embryonic myosin revealed by MYH3 mutations that alter TGFIsignaling and cause autosomal dominant spondylocarpotarsal synostosis. 2017, 7, 41803  Novel Variant in the Membrane-Binding Domain Is Associated With Ankyrin-B Syndrome and Structural Heart Disease in a First Nations Population With a High Rate of Long QT Syndrome. 2017, 10,  Identification of Extracellular Segments by Mass Spectrometry Improves Topology Prediction of Transmembrane Proteins. 2017, 7, 42610	107 30 17 21
1701 1700 1699 1698	A Systematic Evaluation of Methods for Tailoring Genome-Scale Metabolic Models. 2017, 4, 318-329.e6  In situ generated D-peptidic nanofibrils as multifaceted apoptotic inducers to target cancer cells. 2017, 8, e2614  A postnatal role for embryonic myosin revealed by MYH3 mutations that alter TGFB ignaling and cause autosomal dominant spondylocarpotarsal synostosis. 2017, 7, 41803  Novel Variant in the Membrane-Binding Domain Is Associated With Ankyrin-B Syndrome and Structural Heart Disease in a First Nations Population With a High Rate of Long QT Syndrome. 2017, 10,  Identification of Extracellular Segments by Mass Spectrometry Improves Topology Prediction of Transmembrane Proteins. 2017, 7, 42610  Mathematical modeling links Wnt signaling to emergent patterns of metabolism in colon cancer.	107 30 17 21 8

1693	Transcriptomic dynamics of breast cancer progression in the MMTV-PyMT mouse model. 2017, 18, 185	23
1692	The GRHL2/ZEB Feedback Loop-A Key Axis in the Regulation of EMT in Breast Cancer. <b>2017</b> , 118, 2559-2570	63
1691	Systems Biology of Metabolism: A Driver for Developing Personalized and Precision Medicine. <b>2017</b> , 25, 572-579	98
1690	Group B adenovirus enadenotucirev infects polarised colorectal cancer cells efficiently from the basolateral surface expected to be encountered during intravenous delivery to treat disseminated cancer. <b>2017</b> , 505, 162-171	12
1689	Characterization of H type 1 and type 1 -acetyllactosamine glycan epitopes on ovarian cancer specifically recognized by the anti-glycan monoclonal antibody mAb-A4. <b>2017</b> , 292, 6163-6176	14
1688	The Interleukin (IL)-1R1 pathway is a critical negative regulator of PyMT-mediated mammary tumorigenesis and pulmonary metastasis. <b>2017</b> , 6, e1287247	31
1687	Data Resources for Human Functional Genomics. <b>2017</b> , 1, 75-79	2
1686	Androgen dependent mechanisms of pro-angiogenic networks in placental and tumor development. <b>2017</b> , 56, 79-85	7
1685	Response to: Should we ignore western blots when selecting antibodies for other applications?. <b>2017</b> , 14, 215-216	10
1684	Fam20C is under the control of sphingolipid signaling in human cell lines. <b>2017</b> , 284, 1246-1257	7
1683	DNA breaks and chromatin structural changes enhance the transcription of autoimmune regulator target genes. <b>2017</b> , 292, 6542-6554	21
1682	TRPM4 expression is associated with activated B cell subtype and poor survival in diffuse large B cell lymphoma. <b>2017</b> , 71, 98-111	28
1681	Insights into Diabetic Kidney Disease Using Urinary Proteomics and Bioinformatics. 2017, 28, 1050-1061	68
1680	Genetic loci associated with chronic obstructive pulmonary disease overlap with loci for lung function and pulmonary fibrosis. <b>2017</b> , 49, 426-432	201
1679	GDE2 is essential for neuronal survival in the postnatal mammalian spinal cord. <b>2017</b> , 12, 8	10
1678	FAM83 family oncogenes are broadly involved in human cancers: an integrative multi-omics approach. <b>2017</b> , 11, 167-179	64
1677	Mammalian verprolin CR16 acts as a modulator of ITSN scaffold proteins association with actin. <b>2017</b> , 484, 813-819	3
1676	Cloning, expression and molecular characterization of a Cystoisospora suis specific uncharacterized merozoite protein. <b>2017</b> , 10, 68	5

1675	MISTIC-fusion proteins as antigens for high quality membrane protein antibodies. 2017, 7, 41519	3
1674	Personal model-assisted identification of NAD and 'glutathione metabolism as intervention target in NAFLD. <b>2017</b> , 13, 916	92
1673	Creatine biosynthesis and transport by the term human placenta. <b>2017</b> , 52, 86-93	8
1672	The Human Adrenal Gland Proteome Defined by Transcriptomics and Antibody-Based Profiling. <b>2017</b> , 158, 239-251	19
1671	Social network architecture of human immune cells unveiled by quantitative proteomics. <b>2017</b> , 18, 583-593	189
1670	HLA-A24 ligandome analysis of colon and lung cancer cells identifies a novel cancer-testis antigen and a neoantigen that elicits specific and strong CTL responses. <b>2017</b> , 6, e1293214	19
1669	Deep model-based feature extraction for predicting protein subcellular localizations from bio-images. <b>2017</b> , 11, 243-252	10
1668	Plasma prefractionation methods for proteomic analysis and perspectives in clinical applications. <b>2017</b> , 11, 1600135	7
1667	Gene-based segregation method for identifying rare variants in family-based sequencing studies. <b>2017</b> , 41, 309-319	11
1666	Genome-wide association analysis for chronic venous disease identifies EFEMP1 and KCNH8 as susceptibility loci. <b>2017</b> , 7, 45652	26
1665	High-confidence coding and noncoding transcriptome maps. <b>2017</b> , 27, 1050-1062	40
1664	Machine learning in computational biology to accelerate high-throughput protein expression. <b>2017</b> , 33, 2487-2495	6
1663	Shaping proteostasis at the cellular, tissue, and organismal level. <b>2017</b> , 216, 1231-1241	129
1662	Does maternal-fetal transfer of creatine occur in pregnant sheep?. <b>2017</b> , 313, E75-E83	7
1661	Mass spectrometry-based proteomic exploration of the human immune system: focus on the inflammasome, global protein secretion, and T cells. <b>2017</b> , 14, 395-407	9
1660	MiR-590-5p, a density-sensitive microRNA, inhibits tumorigenesis by targeting YAP1 in colorectal cancer. <b>2017</b> , 399, 53-63	78
1659	Single-cell RNA-seq reveals new types of human blood dendritic cells, monocytes, and progenitors. <i>Science</i> , <b>2017</b> , 356,	1176
1658	The metabolic fate of isotopically labeled trimethylamine-N-oxide (TMAO) in humans. <b>2017</b> , 45, 77-82	31

1657	Global gene expression profiling of healthy human brain and its application in studying neurological disorders. <b>2017</b> , 7, 897	33
1656	Evolutionary changes in lamin expression in the vertebrate lineage. <b>2017</b> , 8, 392-403	2
1655	Insights into autosomal dominant polycystic kidney disease by quantitative mass spectrometry-based proteomics. <b>2017</b> , 369, 41-51	2
1654	In-Depth Proteome Coverage by Improving Efficiency for Membrane Proteome Analysis. <b>2017</b> , 89, 5179-5185	17
1653	Intrinsic protein disorder reduces small-scale gene duplicability. 2017, 24, 435-444	3
1652	Angiotensin-converting enzyme 2 is a potential therapeutic target for EGFR-mutant lung adenocarcinoma. <b>2017</b> , 487, 613-618	8
1651	Affinity Proteomics Exploration of Melanoma Identifies Proteins in Serum with Associations to T-Stage and Recurrence. <b>2017</b> , 10, 385-395	7
1650	Precision physiology and rescue of brain ion channel disorders. <b>2017</b> , 149, 533-546	15
1649	Emerging Affinity-Based Proteomic Technologies for Large-Scale Plasma Profiling in Cardiovascular Disease. <b>2017</b> , 135, 1651-1664	87
1648	STYX: a versatile pseudophosphatase. <b>2017</b> , 45, 449-456	11
1647	GEPIA: a web server for cancer and normal gene expression profiling and interactive analyses. <b>2017</b> , 45, W98-W102	4163
1646	The "Iron"-y of Iron Overload and Iron Deficiency in Chronic Obstructive Pulmonary Disease. <b>2017</b> , 196, 1103-1112	51
1645	Proof-of-Concept Workflow for Establishing Reference Intervals of Human Urine Proteome for Monitoring Physiological and Pathological Changes. <b>2017</b> , 18, 300-310	24
1644	Comprehensive transcriptome analysis of neocortical layers in humans, chimpanzees and macaques. <b>2017</b> , 20, 886-895	55
1643	Pro-necrotic molecules impact local immunosurveillance in human breast cancer. <b>2017</b> , 6, e1299302	50
1642	Repurposing bacterial toxins for intracellular delivery of therapeutic proteins. <b>2017</b> , 142, 13-20	30
1641	Tspan2: a tetraspanin protein involved in oligodendrogenesis and cancer metastasis. 2017, 45, 465-475	14
1640	When cancer needs what's non-essential. <b>2017</b> , 19, 418-420	8

1639	A subcellular map of the human proteome. <i>Science</i> , <b>2017</b> , 356,	33.3	1183
1638	The Proteins API: accessing key integrated protein and genome information. <b>2017</b> , 45, W539-W544		43
1637	Homogeneous pancreatic cancer spheroids mimic growth pattern of circulating tumor cell clusters and macrometastases: displaying heterogeneity and crater-like structure on inner layer. <b>2017</b> , 143, 177	1-1786	8
1636	Harnessing public domain data to discover and validate therapeutic targets. <b>2017</b> , 12, 687-693		4
1635	Multi-omics approaches to disease. <b>2017</b> , 18, 83		773
1634	Nicotinic Acid Phosphoribosyltransferase Regulates Cancer Cell Metabolism, Susceptibility to NAMPT Inhibitors, and DNA Repair. <b>2017</b> , 77, 3857-3869		50
1633	Effects of insulin and the glucagon-like peptide 1 receptor agonist liraglutide on the kidney proteome in db/db mice. <b>2017</b> , 5, e13187		6
1632	Age-Related Changes in Plasma Extracellular Vesicle Characteristics and Internalization by Leukocytes. <b>2017</b> , 7, 1342		129
1631	TSNAD: an integrated software for cancer somatic mutation and tumour-specific neoantigen detection. <b>2017</b> , 4, 170050		37
1630	FSCN1 is upregulated by SNAI2 and promotes epithelial to mesenchymal transition in head and neck squamous cell carcinoma. <b>2017</b> , 41, 833-841		13
1629	MARRVEL: Integration of Human and Model Organism Genetic Resources to Facilitate Functional Annotation of the Human Genome. <b>2017</b> , 100, 843-853		104
1628	PRMT8 demonstrates variant-specific expression in cancer cells and correlates with patient survival in breast, ovarian and gastric cancer. <b>2017</b> , 13, 1983-1989		23
1627	Visualization of tumor heterogeneity by in situ padlock probe technology in colorectal cancer. <b>2017</b> , 148, 105-115		11
1626	The soluble protease ADAMDEC1 released from activated platelets hydrolyzes platelet membrane pro-epidermal growth factor (EGF) to active high-molecular-weight EGF. <b>2017</b> , 292, 10112-10122		16
1625	Developmental SALL2 transcription factor: a new player in cancer. <b>2017</b> , 38, 680-690		15
1624	Golgi anti-apoptotic protein: a tale of camels, calcium, channels and cancer. <b>2017</b> , 7,		23
1623	Elevated glypican-1 expression is associated with an unfavorable prognosis in pancreatic ductal adenocarcinoma. <b>2017</b> , 6, 1181-1191		70
1622	MiR-26a downregulates retinoblastoma in colorectal cancer. <b>2017</b> , 39, 1010428317695945		19

1621	A rare variant in the FHL1 gene associated with X-linked recessive hypoparathyroidism. 2017, 136, 835-845	9
1620	Factors influencing biased agonism in recombinant cells expressing the human ⊞adrenoceptor. <b>2017</b> , 174, 2318-2333	17
1619	Inhibition of cholinergic neurotransmission by Eddrenoceptors depends on adenosine release and A-receptor activation in human and rat urinary bladders. <b>2017</b> , 313, F388-F403	20
1618	Vaccination with inhibin-provides effective immunotherapy against testicular stromal cell tumors. <b>2017</b> , 5, 37	2
1617	IDENTIFYING CANCER SPECIFIC METABOLIC SIGNATURES USING CONSTRAINT-BASED MODELS. <b>2017</b> , 22, 485-496	2
1616	Brain transcriptome atlases: a computational perspective. <b>2017</b> , 222, 1557-1580	12
1615	Maximising the potential of AKT inhibitors as anti-cancer treatments. <b>2017</b> , 172, 101-115	130
1614	Construction and analysis of a human testis/sperm-enriched interaction network: Unraveling the PPP1CC2 interactome. <b>2017</b> , 1861, 375-385	7
1613	Strained Cyclic Disulfides Enable Cellular Uptake by Reacting with the Transferrin Receptor. <b>2017</b> , 139, 231-238	75
1612	Physiologically-based modeling to predict the clinical behavior of monoclonal antibodies directed against lymphocyte antigens. <b>2017</b> , 9, 297-306	8
1611	Comprehensive and Integrative Genomic Characterization of Hepatocellular Carcinoma. <b>2017</b> , 169, 1327-1341	. <b>e23</b> 5
1610	Anticancer drug discovery through genome-scale metabolic modeling. <b>2017</b> , 4, 1-8	9
1609	Disulfide Bonds Enable Accelerated Protein Evolution. <b>2017</b> , 34, 1833-1837	11
1608	Natural Products Discovered in a High-Throughput Screen Identified as Inhibitors of RGS17 and as Cytostatic and Cytotoxic Agents for Lung and Prostate Cancer Cell Lines. <b>2017</b> , 80, 1992-2000	15
1607	Alternative Polyadenylation Patterns for Novel Gene Discovery and Classification in Cancer. <b>2017</b> , 19, 574-582	8
1606	The Image Data Resource: A Bioimage Data Integration and Publication Platform. <b>2017</b> , 14, 775-781	130
1605	Architecture of the human interactome defines protein communities and disease networks. <b>2017</b> , 545, 505-509	755
1604	Arrested Development: Infantile Hemangioma and the Stem Cell Teratogenic Hypothesis. <b>2017</b> , 15, 153-165	1

1603	Large-scale computational models of liver metabolism: How far from the clinics?. <b>2017</b> , 66, 1323-1334	17
1602	Role of carbonic anhydrases in skin wound healing. <b>2017</b> , 49, e334	23
1601	Uric acid and blood pressure: exploring the role of uric acid production in The Maastricht Study. <b>2017</b> , 35, 1968-1975	15
1600	Cysteine cathepsins B and X promote epithelial-mesenchymal transition of tumor cells. <b>2017</b> , 96, 622-631	24
1599	Discovery and Optimization of HKT288, a Cadherin-6-Targeting ADC for the Treatment of Ovarian and Renal Cancers. <b>2017</b> , 7, 1030-1045	23
1598	Protein phosphatase 5 promotes hepatocarcinogenesis through interaction with AMP-activated protein kinase. <b>2017</b> , 138, 49-60	14
1597	Glucose Catabolism in Liver Tumors Induced by c-MYC Can Be Sustained by Various PKM1/PKM2 Ratios and Pyruvate Kinase Activities. <b>2017</b> , 77, 4355-4364	48
1596	Serum autoantibodies against a panel of 15 tumor-associated antigens in the detection of ovarian cancer. <b>2017</b> , 39, 1010428317699132	13
1595	A liver-specific gene expression panel predicts the differentiation status of in vitro hepatocyte models. <b>2017</b> , 66, 1662-1674	32
1594	The LATS1 and LATS2 tumor suppressors: beyond the Hippo pathway. <b>2017</b> , 24, 1488-1501	102
1594 1593	The LATS1 and LATS2 tumor suppressors: beyond the Hippo pathway. <b>2017</b> , 24, 1488-1501  Genome-wide association study of 1,5-anhydroglucitol identifies novel genetic loci linked to glucose metabolism. <b>2017</b> , 7, 2812	102
	Genome-wide association study of 1,5-anhydroglucitol identifies novel genetic loci linked to	
1593	Genome-wide association study of 1,5-anhydroglucitol identifies novel genetic loci linked to glucose metabolism. <b>2017</b> , 7, 2812  Genome-wide profiling of Sus scrofa circular RNAs across nine organs and three developmental	16
1593 1592	Genome-wide association study of 1,5-anhydroglucitol identifies novel genetic loci linked to glucose metabolism. 2017, 7, 2812  Genome-wide profiling of Sus scrofa circular RNAs across nine organs and three developmental stages. 2017, 24, 523-535  Analysis of primary-miRNA-3662 and its mature form may improve detection of the lung	16 85
1593 1592 1591	Genome-wide association study of 1,5-anhydroglucitol identifies novel genetic loci linked to glucose metabolism. 2017, 7, 2812  Genome-wide profiling of Sus scrofa circular RNAs across nine organs and three developmental stages. 2017, 24, 523-535  Analysis of primary-miRNA-3662 and its mature form may improve detection of the lung adenocarcinoma. 2017, 143, 1941-1946  CeFra-seq: Systematic mapping of RNA subcellular distribution properties through cell	16 85 5
1593 1592 1591 1590	Genome-wide association study of 1,5-anhydroglucitol identifies novel genetic loci linked to glucose metabolism. 2017, 7, 2812  Genome-wide profiling of Sus scrofa circular RNAs across nine organs and three developmental stages. 2017, 24, 523-535  Analysis of primary-miRNA-3662 and its mature form may improve detection of the lung adenocarcinoma. 2017, 143, 1941-1946  CeFra-seq: Systematic mapping of RNA subcellular distribution properties through cell fractionation coupled to deep-sequencing. 2017, 126, 138-148  NEDD4 controls spermatogonial stem cell homeostasis and stress response by regulating	16 85 5
1593 1592 1591 1590 1589	Genome-wide association study of 1,5-anhydroglucitol identifies novel genetic loci linked to glucose metabolism. 2017, 7, 2812  Genome-wide profiling of Sus scrofa circular RNAs across nine organs and three developmental stages. 2017, 24, 523-535  Analysis of primary-miRNA-3662 and its mature form may improve detection of the lung adenocarcinoma. 2017, 143, 1941-1946  CeFra-seq: Systematic mapping of RNA subcellular distribution properties through cell fractionation coupled to deep-sequencing. 2017, 126, 138-148  NEDD4 controls spermatogonial stem cell homeostasis and stress response by regulating messenger ribonucleoprotein complexes. 2017, 8, 15662  Trivial role for NSMCE2 during proliferation and differentiation of male germline stem cells. 2017,	16 85 5 13

1585	Construction and Screening of a Lentiviral Secretome Library. 2017, 24, 767-771.e3	5
1584	Integration of over 9,000 mass spectrometry experiments builds a global map of human protein complexes. <b>2017</b> , 13, 932	111
1583	Nuclear Factor I/B: A Master Regulator of Cell Differentiation with Paradoxical Roles in Cancer. <b>2017</b> , 22, 2-9	35
1582	The Transcriptional Landscape of p53 Signalling Pathway. <b>2017</b> , 20, 109-119	30
1581	pSILAC mass spectrometry reveals ZFP91 as IMiD-dependent substrate of the CRL4 ubiquitin ligase. <b>2017</b> , 8, 15398	89
1580	Fifteen new risk loci for coronary artery disease highlight arterial-wall-specific mechanisms. <b>2017</b> , 49, 1113-1119	184
1579	Comment on "Epigenetic activation of the drug transporter OCT2 sensitizes renal cell carcinoma to oxaliplatin". <b>2017</b> , 9,	4
1578	Canine Brachycephaly Is Associated with a Retrotransposon-Mediated Missplicing of SMOC2. <b>2017</b> , 27, 1573-1584.e6	54
1577	Microscopes and technologies for imaging cells and their protein networks: From nano to atomic scale resolution. <b>2017</b> , 05, 61-73	О
1576	A novel PRKAG2 mutation in a Chinese family with cardiac hypertrophy and ventricular pre-excitation. <b>2017</b> , 7, 2407	6
1575	Genetic-Variation-Driven Gene-Expression Changes Highlight Genes with Important Functions for Kidney Disease. <b>2017</b> , 100, 940-953	52
1574	Mutations in SULT2B1 Cause Autosomal-Recessive Congenital Ichthyosis in Humans. <b>2017</b> , 100, 926-939	36
1573	RNA-based ovarian cancer research from 'a gene to systems biomedicine' perspective. <b>2017</b> , 63, 219-238	10
1572	Xenopus pitx3 target genes lhx1 and xnr5 are identified using a novel three-fluor flow cytometry-based analysis of promoter activation and repression. <b>2017</b> , 246, 657-669	
1571	Seasonal and flight-related variation of galectin expression in heart, liver and flight muscles of yellow-rumped warblers (Setophaga coronata). <b>2017</b> , 34, 603-611	3
1570	Quantitative systems pharmacology and the personalized drug-microbiota-diet axis. <b>2017</b> , 4, 43-52	29
1569	Involvement of STAT1 in proliferation and invasiveness of trophoblastic cells. <b>2017</b> , 17, 218-224	12
1568	Inference and quantification of peptidoforms in large sample cohorts by SWATH-MS. <b>2017</b> , 35, 781-788	85

1567	Pattern fusion analysis by adaptive alignment of multiple heterogeneous omics data. <b>2017</b> , 33, 2706-2714	39
1566	Remodeling adipose tissue through in silico modulation of fat storage for the prevention of type 2 diabetes. <b>2017</b> , 11, 60	4
1565	Targeting ligand-receptor interactions for development of cancer therapeutics. 2017, 38, 62-69	21
1564	Transcription factors SF1 and cJUN cooperate to activate the Fdx1 promoter in MA-10 Leydig cells. <b>2017</b> , 171, 121-132	9
1563	Widespread pre-translational regulation of the inclusion of signal peptides in human proteins. <b>2017</b> , 109, 113-122	1
1562	Targeted Apoptosis of Senescent Cells Restores Tissue Homeostasis in Response to Chemotoxicity and Aging. <b>2017</b> , 169, 132-147.e16	657
1561	ExCAPE-DB: an integrated large scale dataset facilitating Big Data analysis in chemogenomics. <b>2017</b> , 9, 17	56
1560	DNA methylation changes at infertility genes in newborn twins conceived by in vitro fertilisation. <b>2017</b> , 9, 28	28
1559	A quantitative method for screening and identifying molecular targets for nanomedicine. <b>2017</b> , 263, 57-67	8
1558	AUP1 (Ancient Ubiquitous Protein 1): A Molecular Link Between Hepatic Lipid Mobilization and VLDL Secretion. <b>2017</b> , 37, 609-610	1
1557	Genotype-based gene signature of glioma risk. <b>2017</b> , 19, 940-950	6
1556	KLF11 is an Epigenetic Mediator of DRD2/Dopaminergic Signaling in Endometriosis. <b>2017</b> , 24, 1129-1138	9
1555	The Role of Heat Shock Factors in Mammalian Spermatogenesis. <b>2017</b> , 222, 45-65	25
1554	Case-control analysis of truncating mutations in DNA damage response genes connects TEX15 and FANCD2 with hereditary breast cancer susceptibility. <b>2017</b> , 7, 681	10
1553	Expression of Cav1.3 calcium channel in the human and mouse colon: posttranscriptional inhibition by IFNII 2017, 312, G77-G84	4
1552	A Cell-Surface Membrane Protein Signature for Glioblastoma. <b>2017</b> , 4, 516-529.e7	24
1551	ErbB2 regulates autophagic flux to modulate the proteostasis of APP-CTFs in Alzheimer's disease. <b>2017</b> , 114, E3129-E3138	40
1550	Small Molecule and Peptide Recognition of Protein Transmembrane Domains. <b>2017</b> , 56, 2076-2085	6

1549	BCL6 promotes glioma and serves as a therapeutic target. <b>2017</b> , 114, 3981-3986	38
1548	The Transgenic Zebrafish Display Fluorescence Reflecting the Expressional Dynamics of Dihydrofolate Reductase. <b>2017</b> , 14, 223-235	2
1547	Cell division cycle 20 overexpression predicts poor prognosis for patients with lung adenocarcinoma. <b>2017</b> , 39, 1010428317692233	14
1546	Systems Network Pharmaco-Toxicology in the Study of Herbal Medicines. <b>2017</b> , 129-164	
1545	In silico analysis of human metabolism: Reconstruction, contextualization and application of genome-scale models. <b>2017</b> , 2, 29-38	15
1544	Antagonizing effects of membrane-acting androgens on the eicosanoid receptor OXER1 in prostate cancer. <b>2017</b> , 7, 44418	34
1543	Proteome-wide Mapping of Endogenous SUMOylation Sites in Mouse Testis. <b>2017</b> , 16, 717-727	14
1542	Systems Biology of Metabolism. <b>2017</b> , 86, 245-275	105
1541	FNDC3B is another novel partner fused to RARA in the t(3;17)(q26;q21) variant of acute promyelocytic leukemia. <b>2017</b> , 129, 2705-2709	23
1540	Identification of a novel locus associated with skin colour in African-admixed populations. <b>2017</b> , 7, 44548	24
1539	HSPA5 Gene encoding Hsp70 chaperone BiP in the endoplasmic reticulum. 2017, 618, 14-23	86
1538	Inhibitors of GLUT/SLC2A Enhance the Action of BCNU and Temozolomide against High-Grade Gliomas. <b>2017</b> , 19, 364-373	29
1537	A highly specific ratiometric two-photon fluorescent probe to detect dipeptidyl peptidase IV in plasma and living systems. <b>2017</b> , 90, 283-289	38
1536	The Human Skeletal Muscle Proteome Project: a reappraisal of the current literature. <b>2017</b> , 8, 5-18	51
1535	and Loci Identified through Large-Scale Exome Chip Analysis Regulate Kidney Development and Function. <b>2017</b> , 28, 981-994	30
1534	Compositional and functional diversity of canonical PRC1 complexes in mammals. <b>2017</b> , 1860, 233-245	27
1533	Computational proteome-wide screening predicts neurotoxic drug-protein interactome for the investigational analgesic BIA 10-2474. <b>2017</b> , 483, 502-508	14
1532	Low level of PDZ domain containing 1 (PDZK1) predicts poor clinical outcome in patients with clear cell renal cell carcinoma. <b>2017</b> , 15, 62-72	24

1531	Proteomic Analysis of Primary Human Airway Epithelial Cells Exposed to the Respiratory Toxicant Diacetyl. <b>2017</b> , 16, 538-549	18
1530	Mirabegron for the treatment of overactive bladder: a review of efficacy, safety and tolerability with a focus on male, elderly and antimuscarinic poor-responder populations, and patients with OAB in Asia. <b>2017</b> , 10, 131-151	27
1529	Redox Control of Skeletal Muscle Regeneration. <b>2017</b> , 27, 276-310	77
1528	The Amyloid-IPeptide in Amyloid Formation Processes: Interactions with Blood Proteins and Naturally Occurring Metal Ions. <b>2017</b> , 57, 674-685	13
1527	Accounting for Protein Subcellular Localization: A Compartmental Map of the Rat Liver Proteome. <b>2017</b> , 16, 194-212	47
1526	MiR-211 inhibits invasion and epithelial-to-mesenchymal transition (EMT) of cervical cancer cells via targeting MUC4. <b>2017</b> , 485, 556-562	39
1525	Plasmin(ogen) serves as a favorable biomarker for prediction of survival in advanced high-grade serous ovarian cancer. <b>2017</b> , 398, 765-773	9
1524	A new algorithm for a better characterization and timing of the anti-VEGF vascular effect named "normalization". <b>2017</b> , 20, 149-162	6
1523	Advances of the HUPO Human Proteome Project with broad applications for life sciences research. <b>2017</b> , 14, 109-111	7
1522	Cytosolic Fc receptor TRIM21 inhibits seeded tau aggregation. <b>2017</b> , 114, 574-579	86
1521	Network-Based Approach to Identify Potential Targets and Drugs that Promote Neuroprotection and Neurorepair in Acute Ischemic Stroke. <b>2017</b> , 7, 40137	11
1520	Pharmacological Characterization of a Novel Beta 3 Adrenergic Agonist, Vibegron: Evaluation of Antimuscarinic Receptor Selectivity for Combination Therapy for Overactive Bladder. <b>2017</b> , 360, 346-355	35
1519	Evaluation of Nonpeptidic Ligand Conjugates for the Treatment of Hypoxic and Carbonic Anhydrase IX-Expressing Cancers. <b>2017</b> , 16, 453-460	13
1518	Blocking the CCL2-CCR2 Axis Using CCL2-Neutralizing Antibody Is an Effective Therapy for Hepatocellular Cancer in a Mouse Model. <b>2017</b> , 16, 312-322	59
1517	Contribution of proteomics to our understanding of periodontal inflammation. <b>2017</b> , 17, 1500518	27
1516	Proteomic Data Storage and Sharing. <b>2017</b> , 1549, 5-15	2
1515	Classical complement pathway activation in the nasal tissue of patients with chronic rhinosinusitis. <b>2017</b> , 140, 89-100.e2	26
1514	Bioinformatics analysis of SRSF1-controlled gene networks in colorectal cancer. <b>2017</b> , 14, 5393-5399	7

1513	Duct- and Acinar-Derived Pancreatic Ductal Adenocarcinomas Show Distinct Tumor Progression and Marker Expression. <b>2017</b> , 21, 966-978	55
1512	Trends in GPCR drug discovery: new agents, targets and indications. <b>2017</b> , 16, 829-842	1046
1511	Alterations in urinary collagen peptides in lupus nephritis subjects correlate with renal dysfunction and renal histopathology. <b>2017</b> , 32, 1468-1477	8
1510	DNMT1 is predictive of survival and associated with Ki-67 expression in R-CHOP-treated diffuse large B-cell lymphomas. <b>2017</b> , 49, 731-739	12
1509	APELA promotes tumour growth and cell migration in ovarian cancer in a p53-dependent manner. <b>2017</b> , 147, 663-671	20
1508	Autoantibodies against the cell surface-associated chaperone GRP78 stimulate tumor growth via tissue factor. <b>2017</b> , 292, 21180-21192	11
1507	Hepatic differentiation of human iPSCs in different 3D models: A comparative study. 2017, 40, 1759-1771	27
1506	Human hepatic gene expression signature of non-alcoholic fatty liver disease progression, a meta-analysis. <b>2017</b> , 7, 12361	45
1505	Digging More Missing Proteins Using an Enrichment Approach with ProteoMiner. <b>2017</b> , 16, 4330-4339	18
1504	Why Are the Correlations between mRNA and Protein Levels so Low among the 275 Predicted Protein-Coding Genes on Human Chromosome 18?. <b>2017</b> , 16, 4311-4318	13
1503	Slow fusion pore expansion creates a unique reaction chamber for co-packaged cargo. <b>2017</b> , 149, 921-934	11
1502	Current State and Future Trends to Optimize the Care of African Americans with End-Stage Renal Disease. <b>2017</b> , 46, 156-164	13
1501	Multi-Protease Strategy Identifies Three PE2 Missing Proteins in Human Testis Tissue. <b>2017</b> , 16, 4352-4363	18
1500	Tumor microenvironment heterogeneity: challenges and opportunities. <b>2017</b> , 3, 218-229	62
1499	Ca protein alpha 1D of CaV1.3 regulates intracellular calcium concentration and migration of colon cancer cells through a non-canonical activity. <b>2017</b> , 7, 14199	22
1498	Few Nuclear-Encoded Mitochondrial Gene Duplicates Contribute to Male Germline-Specific Functions in Humans. <b>2017</b> , 9, 2782-2790	15
1497	IGFBP-4 expression is adversely associated with lung cancer prognosis. <b>2017</b> , 14, 6876-6880	8
1496	Cancer/testis antigen SPATA19 is frequently expressed in benign prostatic hyperplasia and prostate cancer. <b>2017</b> , 125, 1092-1101	4

1495	Chromatin and Single-Cell RNA-Seq Profiling Reveal Dynamic Signaling and Metabolic Transitions during Human Spermatogonial Stem Cell Development. <b>2017</b> , 21, 533-546.e6	125
1494	Integrating Proteomics and Transcriptomics for Systematic Combinatorial Chimeric Antigen Receptor Therapy of AML. <b>2017</b> , 32, 506-519.e5	146
1493	Open Boundary Simulations of Proteins and Their Hydration Shells by Hamiltonian Adaptive Resolution Scheme. <b>2017</b> , 13, 5647-5657	17
1492	Possible involvement of the glucocorticoid receptor (NR3C1) and selected NR3C1 gene variants in regulation of human testicular function. <b>2017</b> , 5, 1105-1114	12
1491	GeLC-MS: A Sample Preparation Method for Proteomics Analysis of Minimal Amount of Tissue. <b>2018</b> , 1788, 165-175	10
1490	Whole exome sequencing in inborn errors of immunity: use the power but mind the limits. <b>2017</b> , 17, 421-430	5
1489	Alterations in mRNA 3' UTR Isoform Abundance Accompany Gene Expression Changes in Human Huntington's Disease Brains. <b>2017</b> , 20, 3057-3070	22
1488	The Glia-Neuron Lactate Shuttle and Elevated ROS Promote Lipid Synthesis in Neurons and Lipid Droplet Accumulation in Glia via APOE/D. <b>2017</b> , 26, 719-737.e6	184
1487	In-depth proteomic analysis of tissue interstitial fluid for hepatocellular carcinoma serum biomarker discovery. <b>2017</b> , 117, 1676-1684	30
1486	Identification of Serological Biomarkers for Early Diagnosis of Lung Cancer Using a Protein Array-Based Approach. <b>2017</b> , 16, 2069-2078	43
1485	CAR T Therapy Targeting ICAM-1 Eliminates Advanced Human Thyroid Tumors. 2017, 23, 7569-7583	42
1484	ANO9/TMEM16J promotes tumourigenesis via EGFR and is a novel therapeutic target for pancreatic cancer. <b>2017</b> , 117, 1798-1809	24
1483	Lipid Nanodiscs as a Tool for High-Resolution Structure Determination of Membrane Proteins by Single-Particle Cryo-EM. <b>2017</b> , 594, 1-30	44
1482	Insights into human intrinsically disordered proteins from their gene expression profile. <b>2017</b> , 13, 2521-2530	4
1481	hemizygous mice are protected from hyperoxic lung injury and death. <b>2017</b> , 5, e13398	6
1480	Lumican delays melanoma growth in mice and drives tumor molecular assembly as well as response to matrix-targeted TAX2 therapeutic peptide. <b>2017</b> , 7, 7700	17
1479	Folding Membrane Proteins by Deep Transfer Learning. <b>2017</b> , 5, 202-211.e3	45
1478	Proteomic profiling reveals sub proteomes of the human placenta. <b>2017</b> , 59, 69-72	4

1477	The serum protein renalase reduces injury in experimental pancreatitis. <b>2017</b> , 292, 21047-21059	19
1476	Advances in the Chromosome-Centric Human Proteome Project: looking to the future. <b>2017</b> , 14, 1059-1071	21
1475	Direct binding to integrins and loss of disulfide linkage in interleukin-1[(IL-1)] are involved in the agonistic action of IL-1[] <b>2017</b> , 292, 20067-20075	12
1474	and are putative modulators of dyslexia-related MMR. <b>2017</b> , 7, e00851	6
1473	Molecular-based diagnosis of multiple sclerosis and its progressive stage. <b>2017</b> , 82, 795-812	24
1472	NCEH-1 modulates cholesterol metabolism and protects against Bynuclein toxicity in a C. elegans model of Parkinson's disease. <b>2017</b> , 26, 3823-3836	14
1471	Institutional profile: the national Swedish academic drug discovery & development platform at SciLifeLab. <b>2017</b> , 3, FSO176	3
1470	The prognostic benefit of tumour-infiltrating Natural Killer cells in endometrial cancer is dependent on concurrent overexpression of Human Leucocyte Antigen-E in the tumour microenvironment. <b>2017</b> , 86, 285-295	17
1469	Framework and resource for more than 11,000 gene-transcript-protein-reaction associations in human metabolism. <b>2017</b> , 114, E9740-E9749	16
1468	Guidelines for Developing Successful Short Advanced Courses in Systems Medicine and Systems Biology. <b>2017</b> , 5, 168-175	4
1467	Pervasive coexpression of spatially proximal genes is buffered at the protein level. <b>2017</b> , 13, 937	52
1466	A specific antibody to detect transcription factor T-Pit: a reliable marker of corticotroph cell differentiation and a tool to improve the classification of pituitary neuroendocrine tumours. <b>2017</b> , 134, 675-677	20
1465	The Sydney Heart Bank: improving translational research while eliminating or reducing the use of animal models of human heart disease. <b>2017</b> , 9, 431-441	27
1464	Evolution of Nuclear Receptors and Ligand Signaling: Toward a Soft Key-Lock Model?. <b>2017</b> , 125, 1-38	21
1463	Optimization and Modeling of Quadrupole Orbitrap Parameters for Sensitive Analysis toward Single-Cell Proteomics. <b>2017</b> , 16, 3711-3721	17
1462	Network analyses identify liver-specific targets for treating liver diseases. <b>2017</b> , 13, 938	71
1461	Systematic and Quantitative Assessment of Hydrogen Peroxide Reactivity With Cysteines Across Human Proteomes. <b>2017</b> , 16, 1815-1828	47
1460	Protein kinase N3 promotes bone resorption by osteoclasts in response to Wnt5a-Ror2 signaling. <b>2017</b> , 10,	36

1459	CTLA-4/CD80 pathway regulates T cell infiltration into pancreatic cancer. 2017, 66, 1609-1617	51
1458	Breast cancer in young women and prognosis: How important are proliferation markers?. <b>2017</b> , 84, 278-289	15
1457	Identification of Missing Proteins in the Phosphoproteome of Kidney Cancer. <b>2017</b> , 16, 4364-4373	12
1456	Progress on the HUPO Draft Human Proteome: 2017 Metrics of the Human Proteome Project. <b>2017</b> , 16, 4281-4287	46
1455	Embryonic Stem Cell-Like Population in Dupuytren's Disease Expresses Components of the Renin-Angiotensin System. <b>2017</b> , 5, e1422	12
1454	Comparative sperm protein profiling in bulls differing in fertility and identification of phosphatidylethanolamine-binding protein 4, a potential fertility marker. <b>2017</b> , 5, 1032-1051	28
1453	Cavin-2 regulates the activity and stability of endothelial nitric-oxide synthase (eNOS) in angiogenesis. <b>2017</b> , 292, 17760-17776	23
1452	Extracellular Cytosolic Aspartate Aminotransferase Promotes Axonal Growth and Object Recognition Memory. <b>2017</b> , 42, 3465-3473	3
1451	Multivariate pharmacokinetic/pharmacodynamic (PKPD) analysis with metabolomics shows multiple effects of remoxipride in rats. <b>2017</b> , 109, 431-440	7
1450	Multivariate discovery and replication of five novel loci associated with Immunoglobulin G N-glycosylation. <b>2017</b> , 8, 447	48
1449	Gene Expression of Matrix Metalloproteinases and their Inhibitors (TIMPs) in Meningiomas of Dogs. <b>2017</b> , 31, 1816-1821	4
1448	Integrative epigenomics, transcriptomics and proteomics of patient chondrocytes reveal genes and pathways involved in osteoarthritis. <b>2017</b> , 7, 8935	62
1447	Characteristics of 29 novel atypical solute carriers of major facilitator superfamily type: evolutionary conservation, predicted structure and neuronal co-expression. <b>2017</b> , 7,	26
1446	Identification of GPC2 as an Oncoprotein and Candidate Immunotherapeutic Target in High-Risk Neuroblastoma. <b>2017</b> , 32, 295-309.e12	100
1445	Ligand-Targeted Drug Delivery. <b>2017</b> , 117, 12133-12164	267
1444	Validating Missing Proteins in Human Sperm Cells by Targeted Mass-Spectrometry- and Antibody-based Methods. <b>2017</b> , 16, 4340-4351	15
1443	RABIF/MSS4 is a Rab-stabilizing holdase chaperone required for GLUT4 exocytosis. <b>2017</b> , 114, E8224-E8233	32
1442	Dynamic nuclear polarization facilitates monitoring of pyruvate metabolism in. <b>2017</b> , 292, 18161-18168	4

1441	biotin-thiamine-responsive basal ganglia disease. <b>2017</b> , 3,	13
1440	EMC10 (Endoplasmic Reticulum Membrane Protein Complex Subunit 10) Is a Bone Marrow-Derived Angiogenic Growth Factor Promoting Tissue Repair After Myocardial Infarction. <b>2017</b> , 136, 1809-1823	19
1439	In Vitro Evaluation of Molecular Tumor Targets in Nuclear Medicine: Immunohistochemistry Is One Option, but Under Which Conditions?. <b>2017</b> , 58, 1885-1887	
1438	Discovery of Antimicrobial Peptides in Cervical-Vaginal Fluid from Healthy Nonpregnant Women via an Integrated Proteome and Peptidome Analysis. <b>2017</b> , 17, 1600461	12
1437	The Human Plasma Proteome Draft of 2017: Building on the Human Plasma PeptideAtlas from Mass Spectrometry and Complementary Assays. <b>2017</b> , 16, 4299-4310	119
1436	CODA: Integrating multi-level context-oriented directed associations for analysis of drug effects. <b>2017</b> , 7, 7519	10
1435	Nei-like 1 (NEIL1) excises 5-carboxylcytosine directly and stimulates TDG-mediated 5-formyl and 5-carboxylcytosine excision. <b>2017</b> , 7, 9001	19
1434	The CCCTC-binding factor (CTCF)-forkhead box protein M1 axis regulates tumour growth and metastasis in hepatocellular carcinoma. <b>2017</b> , 243, 418-430	20
1433	The Scaffolding Protein IQGAP1 Interacts with NLRC3 and Inhibits Type I IFN Production. 2017, 199, 2896-29	0913
1432	What to expect when you're expecting. <b>2017</b> , 2,	
1432	What to expect when you're expecting. <b>2017</b> , 2,  Krppel-like factor 5 is essential for maintenance of barrier function in mouse colon. <b>2017</b> , 313, G478-G491	10
.5		10
1431	Krppel-like factor 5 is essential for maintenance of barrier function in mouse colon. <b>2017</b> , 313, G478-G491  Combined circulating tumor DNA and protein biomarker-based liquid biopsy for the earlier	
1431	Krppel-like factor 5 is essential for maintenance of barrier function in mouse colon. <b>2017</b> , 313, G478-G491  Combined circulating tumor DNA and protein biomarker-based liquid biopsy for the earlier detection of pancreatic cancers. <b>2017</b> , 114, 10202-10207	303
1431 1430 1429	Krppel-like factor 5 is essential for maintenance of barrier function in mouse colon. 2017, 313, G478-G491  Combined circulating tumor DNA and protein biomarker-based liquid biopsy for the earlier detection of pancreatic cancers. 2017, 114, 10202-10207  Inflammatory infiltrates in parathyroid tumors. 2017, 177, 445-453  Human protein secretory pathway genes are expressed in a tissue-specific pattern to match	303
1431 1430 1429 1428	Krppel-like factor 5 is essential for maintenance of barrier function in mouse colon. 2017, 313, G478-G491  Combined circulating tumor DNA and protein biomarker-based liquid biopsy for the earlier detection of pancreatic cancers. 2017, 114, 10202-10207  Inflammatory infiltrates in parathyroid tumors. 2017, 177, 445-453  Human protein secretory pathway genes are expressed in a tissue-specific pattern to match processing demands of the secretome. 2017, 3, 22  Facile single-stranded DNA sequencing of human plasma DNA via thermostable group II intron	303 2 18
1431 1430 1429 1428	Krppel-like factor 5 is essential for maintenance of barrier function in mouse colon. 2017, 313, G478-G491  Combined circulating tumor DNA and protein biomarker-based liquid biopsy for the earlier detection of pancreatic cancers. 2017, 114, 10202-10207  Inflammatory infiltrates in parathyroid tumors. 2017, 177, 445-453  Human protein secretory pathway genes are expressed in a tissue-specific pattern to match processing demands of the secretome. 2017, 3, 22  Facile single-stranded DNA sequencing of human plasma DNA via thermostable group II intron reverse transcriptase template switching. 2017, 7, 8421  IL-17A Produced by Innate Lymphoid Cells Is Essential for Intestinal Ischemia-Reperfusion Injury.	303 2 18

1423	Bacterial infection imaging with [F]fluoropropyl-trimethoprim. 2017, 114, 8372-8377	58
1422	Position Matters: Network Centrality Considerably Impacts Rates of Protein Evolution in the Human Protein-Protein Interaction Network. <b>2017</b> , 9, 1742-1756	24
1421	Protein intrinsic disorder negatively associates with gene age in different eukaryotic lineages. <b>2017</b> , 13, 2044-2055	6
1420	Distinct functions of Crumbs regulating slit diaphragms and endocytosis in Drosophila nephrocytes. <b>2017</b> , 74, 4573-4586	21
1419	Next-Generation Proteomics and Its Application to Clinical Breast Cancer Research. 2017, 187, 2175-2184	21
1418	Improving the economics of NASH/NAFLD treatment through the use of systems biology. <b>2017</b> , 22, 1532-1538	316
1417	UALCAN: A Portal for Facilitating Tumor Subgroup Gene Expression and Survival Analyses. <b>2017</b> , 19, 649-658	2229
1416	Human mitochondrial cytochrome P450 27C1 is localized in skin and preferentially desaturates -retinol to 3,4-dehydroretinol. <b>2017</b> , 292, 13672-13687	16
1415	Mapping of Wnt-Frizzled interactions by multiplex CRISPR targeting of receptor gene families. <b>2017</b> , 31, 4832-4844	61
1414	Development of aptamers against unpurified proteins. <b>2017</b> , 114, 2706-2716	4
1413	RNA binding protein RALY promotes Protein Arginine Methyltransferase 1 alternatively spliced isoform v2 relative expression and metastatic potential in breast cancer cells. <b>2017</b> , 91, 124-135	15
1412	Full Characterization of Localization Diversity in the Human Protein Interactome. <b>2017</b> , 16, 3019-3029	16
1411	ERAP1 overexpression in HPV-induced malignancies: A possible novel immune evasion mechanism. <b>2017</b> , 6, e1336594	16
1410	Arterial immune protein expression demonstrates the complexity of immune responses in Kawasaki disease arteritis. <b>2017</b> , 190, 244-250	10
1409	Neisseria cinerea Expresses a Functional Factor H Binding Protein Which Is Recognized by Immune Responses Elicited by Meningococcal Vaccines. <b>2017</b> , 85,	7
1408	The transformative potential of an integrative approach to pregnancy. <b>2017</b> , 57, 204-215	7
1407	HEMO, an ancestral endogenous retroviral envelope protein shed in the blood of pregnant women and expressed in pluripotent stem cells and tumors. <b>2017</b> , 114, E6642-E6651	36
1406	PJA2 ubiquitinates the HIV-1 Tat protein with atypical chain linkages to activate viral transcription. <b>2017</b> , 7, 45394	18

1405	Identification of transcripts with short stuORFs as targets for DENRMCTS1-dependent translation in human cells. <b>2017</b> , 7, 3722	22
1404	Lactate oxidation facilitates growth of Mycobacterium tuberculosis in human macrophages. <b>2017</b> , 7, 6484	50
1403	PLAR binds to the annexin A2-S100A10 complex in human podocytes. <b>2017</b> , 7, 6876	18
1402	Precision histology: how deep learning is poised to revitalize histomorphology for personalized cancer care. <b>2017</b> , 1, 22	91
1401	Immune signature profiling identified predictive and prognostic factors for esophageal squamous cell carcinoma. <b>2017</b> , 6, e1356147	40
1400	A Dry Method for Preserving Tear Protein Samples. <b>2017</b> , 15, 417-421	6
1399	Annexin A11 is targeted by IgG4 and IgG1 autoantibodies in IgG4-related disease. <b>2018</b> , 67, 728-735	87
1398	Kinase Activity of Fibroblast Growth Factor Receptor 3 Regulates Activity of the Papillomavirus E2 Protein. <b>2017</b> , 91,	8
1397	Erratum to: Treadmill Exercise Attenuates	5
1396	Uromodulin: from physiology to rare and complex kidney disorders. <b>2017</b> , 13, 525-544	144
1396	Uromodulin: from physiology to rare and complex kidney disorders. 2017, 13, 525-544  The Helicase Aquarius/EMB-4 Is Required to Overcome Intronic Barriers to Allow Nuclear RNAi Pathways to Heritably Silence Transcription. 2017, 42, 241-255.e6	144
1395	The Helicase Aquarius/EMB-4 Is Required to Overcome Intronic Barriers to Allow Nuclear RNAi	
1395	The Helicase Aquarius/EMB-4 Is Required to Overcome Intronic Barriers to Allow Nuclear RNAi Pathways to Heritably Silence Transcription. <b>2017</b> , 42, 241-255.e6	42
1395 1394	The Helicase Aquarius/EMB-4 Is Required to Overcome Intronic Barriers to Allow Nuclear RNAi Pathways to Heritably Silence Transcription. 2017, 42, 241-255.e6  VerSeDa: vertebrate secretome database. 2017, 2017,  Adipokines and Their Receptors Are Widely Expressed and Distinctly Regulated by the Metabolic Environment in the Prostate of Male Mice: Direct Role Under Normal and Tumoral Conditions. 2017	42 10
1395 1394 1393	The Helicase Aquarius/EMB-4 Is Required to Overcome Intronic Barriers to Allow Nuclear RNAi Pathways to Heritably Silence Transcription. 2017, 42, 241-255.e6  VerSeDa: vertebrate secretome database. 2017, 2017,  Adipokines and Their Receptors Are Widely Expressed and Distinctly Regulated by the Metabolic Environment in the Prostate of Male Mice: Direct Role Under Normal and Tumoral Conditions. 2017, 158, 3540-3552  Phosphorylation of the FUS low-complexity domain disrupts phase separation, aggregation, and	10 8
1395 1394 1393 1392	The Helicase Aquarius/EMB-4 Is Required to Overcome Intronic Barriers to Allow Nuclear RNAi Pathways to Heritably Silence Transcription. 2017, 42, 241-255.e6  VerSeDa: vertebrate secretome database. 2017, 2017,  Adipokines and Their Receptors Are Widely Expressed and Distinctly Regulated by the Metabolic Environment in the Prostate of Male Mice: Direct Role Under Normal and Tumoral Conditions. 2017, 158, 3540-3552  Phosphorylation of the FUS low-complexity domain disrupts phase separation, aggregation, and toxicity. 2017, 36, 2951-2967  Cell-Type-Specific Gene Programs of the Normal Human Nephron Define Kidney Cancer Subtypes.	42 10 8 365
1395 1394 1393 1392 1391	The Helicase Aquarius/EMB-4 Is Required to Overcome Intronic Barriers to Allow Nuclear RNAi Pathways to Heritably Silence Transcription. 2017, 42, 241-255.e6  VerSeDa: vertebrate secretome database. 2017, 2017,  Adipokines and Their Receptors Are Widely Expressed and Distinctly Regulated by the Metabolic Environment in the Prostate of Male Mice: Direct Role Under Normal and Tumoral Conditions. 2017, 158, 3540-3552  Phosphorylation of the FUS low-complexity domain disrupts phase separation, aggregation, and toxicity. 2017, 36, 2951-2967  Cell-Type-Specific Gene Programs of the Normal Human Nephron Define Kidney Cancer Subtypes. 2017, 20, 1476-1489	42 10 8 365 49

1387	Overexpression of Topoisomerase 2-Alpha Confers a Poor Prognosis in Pancreatic Adenocarcinoma Identified by Co-Expression Analysis. <b>2017</b> , 62, 2790-2800		25
1386	A pathology atlas of the human cancer transcriptome. <i>Science</i> , <b>2017</b> , 357,	33.3	1481
1385	Astrocytes and endoplasmic reticulum stress: A bridge between obesity and neurodegenerative diseases. <b>2017</b> , 158, 45-68		33
1384	Identification of the SOX2 Interactome by BioID Reveals EP300 as a Mediator of SOX2-dependent Squamous Differentiation and Lung Squamous Cell Carcinoma Growth. <b>2017</b> , 16, 1864-1888		20
1383	Alternative splicing shapes transcriptome but not proteome diversity in Physcomitrella patens. <b>2017</b> , 7, 2698		11
1382	The Enterococcus faecalis virulence factor ElrA interacts with the human Four-and-a-Half LIM Domains Protein 2. <b>2017</b> , 7, 4581		5
1381	Testicular Autoimmunity by Immunization with Testicular Antigens Alone in Experimental Animals. <b>2017</b> , 93-121		
1380	Systems Pharmacology Dissection of Cholesterol Regulation Reveals Determinants of Large Pharmacodynamic Variability between Cell Lines. <b>2017</b> , 5, 604-619.e7		13
1379	Comprehensive Mapping of Pluripotent Stem Cell Metabolism Using Dynamic Genome-Scale Network Modeling. <b>2017</b> , 21, 2965-2977		41
1378	Transcription and Remodeling Produce Asymmetrically Unwrapped Nucleosomal Intermediates. <b>2017</b> , 68, 1038-1053.e4		51
1377	Deciphering transcriptional regulation in human embryonic stem cells specified towards a trophoblast fate. <b>2017</b> , 7, 17257		22
1376	Identification of a gene signature for discriminating metastatic from primary melanoma using a molecular interaction network approach. <b>2017</b> , 7, 17314		22
1375	New Strategies and Challenges in Lung Proteomics and Metabolomics. An Official American Thoracic Society Workshop Report. <b>2017</b> , 14, 1721-1743		26
1374	Promoter-bound METTL3 maintains myeloid leukaemia by mA-dependent translation control. <b>2017</b> , 552, 126-131		500
1373	Protein synthesis is lowered by 4EBP1 and eIF2-Bignaling while protein degradation may be maintained in fasting, hypoxic Amazonian cichlids. <b>2018</b> , 221,		8
1372	Spatiotemporal Proteomic Profiling of Huntington's Disease Inclusions Reveals Widespread Loss of Protein Function. <b>2017</b> , 21, 2291-2303		71
1371	De novo variants in are associated with hypotonia, developmental delay, intellectual disability, and autism. <b>2017</b> , 3,		16
1370	Associations between imprinted gene expression in the placenta, human fetal growth and preeclampsia. <b>2017</b> , 13,		8

1369	A comprehensive structural, biochemical and biological profiling of the human NUDIX hydrolase family. <b>2017</b> , 8, 1541	62
1368	Zinc-finger proteins in health and disease. <b>2017</b> , 3, 17071	254
1367	Primary Immunoprevention of Epithelial Ovarian Carcinoma by Vaccination against the Extracellular Domain of Anti-Mllerian Hormone Receptor II. <b>2017</b> , 10, 612-624	6
1366	Prognostic microRNAs and their potential molecular mechanism in pancreatic cancer: A study based on The Cancer Genome Atlas and bioinformatics investigation. <b>2018</b> , 17, 939-951	25
1365	3D collagen architecture induces a conserved migratory and transcriptional response linked to vasculogenic mimicry. <b>2017</b> , 8, 1651	76
1364	EXOSC10/Rrp6 is post-translationally regulated in male germ cells and controls the onset of spermatogenesis. <b>2017</b> , 7, 15065	12
1363	Plasma Proteomic Profiles of Cerebrospinal Fluid-Defined Alzheimer's Disease Pathology in Older Adults. <b>2017</b> , 60, 1641-1652	13
1362	Targeting tumor cells based on Phosphodiesterase 3A expression. <b>2017</b> , 361, 308-315	17
1361	Cell-surface major vault protein promotes cancer progression through harboring mesenchymal and intermediate circulating tumor cells in hepatocellular carcinomas. <b>2017</b> , 7, 13201	20
1360	Genes Involved in Long-Term Memory Are Expressed in Testis of Cryptorchid Boys and Respond to GnRHa Treatment. <b>2017</b> , 152, 9-15	2
1359	Prediction of Host-Pathogen Interactions for Helicobacter pylori by Interface Mimicry and Implications to Gastric Cancer. <b>2017</b> , 429, 3925-3941	16
1358	Fast and robust detection of ancestral selective sweeps. <b>2017</b> , 26, 6871-6891	16
1357	The Stress Granule Transcriptome Reveals Principles of mRNA Accumulation in Stress Granules. <b>2017</b> , 68, 808-820.e5	325
1356	Down-regulation of miR-26a-5p in hepatocellular carcinoma: A qRT-PCR and bioinformatics study. <b>2017</b> , 213, 1494-1509	21
1355	APOL1 Nephrotoxicity: What Does Ion Transport Have to Do With It?. 2017, 37, 546-551	11
1354	Current status of proteomics of soft tissue sarcomas. <b>2017</b> , 14, 1131-1140	1
1353	Sigma 2 Receptor/Tmem97 Agonists Produce Long Lasting Antineuropathic Pain Effects in Mice. <b>2017</b> , 8, 1801-1811	53
1352	A comprehensive analysis and annotation of human normal urinary proteome. <b>2017</b> , 7, 3024	89

1351	Advances in the development of human protein microarrays. <b>2017</b> , 14, 627-641	45
1350	Protein structure and phenotypic analysis of pathogenic and population missense variants in. <b>2017</b> , 5, 495-507	19
1349	Network analysis of mitonuclear GWAS reveals functional networks and tissue expression profiles of disease-associated genes. <b>2017</b> , 136, 55-65	8
1348	Peptides derived from MARCKS block coagulation complex assembly on phosphatidylserine. <b>2017</b> , 7, 4275	11
1347	Spatiotemporal Proteomic Profiling of Human Cerebral Development. <b>2017</b> , 16, 1548-1562	25
1346	Proteomic evaluation of mouse adipose tissue and liver following hydroxytyrosol supplementation. <b>2017</b> , 107, 329-338	13
1345	Analysis of GJB6 ( $\frac{1}{8}$ 30) and GJB3 ( $\frac{1}{8}$ 31) genes in deaf patients with monoallelic mutations in GJB2 ( $\frac{1}{8}$ 26) gene in the Sakha Republic (Yakutia). <b>2017</b> , 53, 688-697	6
1344	Prognostic biomarkers in oral squamous cell carcinoma: A systematic review. <b>2017</b> , 72, 38-47	99
1343	Proteomic profiling of the cancer cell secretome: informing clinical research. <b>2017</b> , 14, 737-756	13
1342	Genome-wide identification of genes essential for podocyte cytoskeletons based on single-cell RNA sequencing. <b>2017</b> , 92, 1119-1129	43
1341	PLA2R and THSD7A: Disparate Paths to the Same Disease?. <b>2017</b> , 28, 2579-2589	65
1340	IRFinder: assessing the impact of intron retention on mammalian gene expression. <b>2017</b> , 18, 51	109
1339	Steady-State Levels of Phosphorylated Mitogen-Activated Protein Kinase Kinase 1/2 Determined by Mortalin/HSPA9 and Protein Phosphatase 1 Alpha in and Tumor Cells. <b>2017</b> , 37,	15
1338	Blood and Plasma Proteomics: Targeted Quantitation and Posttranslational Redox Modifications. <b>2017</b> , 1619, 353-371	4
1337	Visualizing the regulatory role of Angiopoietin-like protein 8 (ANGPTL8) in glucose and lipid metabolic pathways. <b>2017</b> , 109, 408-418	24
1336	Disrupted hippocampal neuregulin-1/ErbB3 signaling and dentate gyrus granule cell alterations in suicide. <b>2017</b> , 7, e1161	18
1335	Serum 25-hydroxyvitamin D level, chronic diseases and all-cause mortality in a population-based prospective cohort: the HUNT Study, Norway. <b>2017</b> , 7, e017256	13
1334	Bead-Based and Multiplexed Immunoassays for Protein Profiling via Sequential Affinity Capture. <b>2017</b> , 1619, 45-54	

1333	Comprehensive Map and Functional Annotation of Human Pituitary and Thyroid Proteome. <b>2017</b> , 16, 2680-2691	12
1332	A Cell Fusion-Based Screening Method Identifies Glycosylphosphatidylinositol-Anchored Protein Ly6e as the Receptor for Mouse Endogenous Retroviral Envelope Syncytin-A. <b>2017</b> , 91,	15
1331	Proteomic profiling of archaeological human bone. <b>2017</b> , 4, 161004	50
1330	SOX5/6/21 Prevent Oncogene-Driven Transformation of Brain Stem Cells. <b>2017</b> , 77, 4985-4997	23
1329	Cyclin F: A component of an E3 ubiquitin ligase complex with roles in neurodegeneration and cancer. <b>2017</b> , 89, 216-220	18
1328	Tissue Distribution of the MERS-Coronavirus Receptor in Bats. <b>2017</b> , 7, 1193	28
1327	The atopic march: current insights into skin barrier dysfunction and epithelial cell-derived cytokines. <b>2017</b> , 278, 116-130	133
1326	Overexpression of WDFY2 inhibits prostate cancer cell growth and migration via inactivation of Akt pathway. <b>2017</b> , 39, 1010428317704821	9
1325	The Drosophila Gene Expression Tool (DGET) for expression analyses. <b>2017</b> , 18, 98	26
1324	A random effects model for the identification of differential splicing (REIDS) using exon and HTA arrays. <b>2017</b> , 18, 273	2
1323	Detect tissue heterogeneity in gene expression data with BioQC. <b>2017</b> , 18, 277	26
1322	Expression of SOCS1 and the downstream targets of its putative tumor suppressor functions in prostate cancer. <b>2017</b> , 17, 157	9
1321	Immunohistochemical evaluation of epithelial ovarian carcinomas identifies three different expression patterns of the MX35 antigen, NaPi2b. <b>2017</b> , 17, 303	17
1320	Computational prediction of lncRNA-mRNA interactionsby integrating tissue specificity in human transcriptome. <b>2017</b> , 12, 15	31
1319	The role of cullin4B in human cancers. <b>2017</b> , 6, 17	15
1318	KIBRA attains oncogenic activity by repressing RASSF1A. <b>2017</b> ,	5
1317	CARMIL family proteins as multidomain regulators of actin-based motility. <b>2017</b> , 28, 1713-1723	20
1316	METTL21B Is a Novel Human Lysine Methyltransferase of Translation Elongation Factor 1A: Discovery by CRISPR/Cas9 Knockout. <b>2017</b> , 16, 2229-2242	26

1315	Gene Expression Profiles for the Identification of Prevalent Atrial Fibrillation. 2017, 6,	5
1314	Cooperation between the bacterial-derived short-chain fatty acid butyrate and interleukin-22 detected in human Caco2 colon epithelial/carcinoma cells. <b>2017</b> , 43, 283-292	9
1313	Increased expression of interleukin-23 associated with progression of colorectal cancer. <b>2017</b> , 115, 208-212	16
1312	Databases and Associated Tools for Glycomics and Glycoproteomics. <b>2017</b> , 1503, 235-264	33
1311	Integrated multi-omics of the human gut microbiome in a case study of familial type 1 diabetes. <b>2016</b> , 2, 16180	166
1310	Proteomic insights into extracellular vesicle biology - defining exosomes and shed microvesicles. <b>2017</b> , 14, 69-95	89
1309	Evaluation of the genetic basis of primary hypoadrenocorticism in Standard Poodles using SNP array genotyping and whole-genome sequencing. <b>2017</b> , 28, 56-65	8
1308	Sex-Based Genetic Association Study Identifies CELSR1 as a Possible Chronic Obstructive Pulmonary Disease Risk Locus among Women. <b>2017</b> , 56, 332-341	22
1307	Equilibrative nucleoside transporters-A review. <b>2017</b> , 36, 7-30	93
1306	CTDGFinder: A Novel Homology-Based Algorithm for Identifying Closely Spaced Clusters of Tandemly Duplicated Genes. <b>2017</b> , 34, 215-229	4
1305	MALDI imaging mass spectrometry - From bench to bedside. <b>2017</b> , 1865, 776-783	44
1304	Selective Small Molecule Activators of TREK-2 Channels Stimulate Dorsal Root Ganglion c-Fiber Nociceptor Two-Pore-Domain Potassium Channel Currents and Limit Calcium Influx. <b>2017</b> , 8, 558-568	28
1303	Cross-reactivity between annexin A2 and Beta-2-glycoprotein I in animal models of antiphospholipid syndrome. <b>2017</b> , 65, 355-362	7
1302	Genetic evidence for a role of the SREBP transcription system and lipid biosynthesis in schizophrenia and antipsychotic treatment. <b>2017</b> , 27, 589-598	26
1301	Elevated levels of circulating CDH5 and FABP1 in association with human drug-induced liver injury. <b>2017</b> , 37, 132-140	22
1300	Polycomb Repressive Complex 2 Enacts Wnt Signaling in Intestinal Homeostasis and Contributes to the Instigation of Stemness in Diseases Entailing Epithelial Hyperplasia or Neoplasia. <b>2017</b> , 35, 445-457	19
1299	Can a systems approach produce a better understanding of mood disorders?. <b>2017</b> , 1861, 3335-3344	
1298	Cancer heterogeneity determined by functional proteomics. <b>2017</b> , 64, 132-142	10

1297	Identification of MicroRNA-124-3p as a Putative Epigenetic Signature of Major Depressive Disorder. <b>2017</b> , 42, 864-875	115
1296	Epileptic Activity Increases Cerebral Amino Acid Transport Assessed by 18F-Fluoroethyl-l-Tyrosine Amino Acid PET: A Potential Brain Tumor Mimic. <b>2017</b> , 58, 129-137	34
1295	Validation of specificity of antibodies for immunohistochemistry: the case of ROR2. <b>2017</b> , 470, 99-108	8
1294	Proteomic profiling of human islets collected from frozen pancreata using laser capture microdissection. <b>2017</b> , 150, 149-159	14
1293	Cell-lineage specificity and role of AP-1 in the prostate fibroblast androgen receptor cistrome. <b>2017</b> , 439, 261-272	22
1292	Interplay between bone and incretin hormones: A review. <b>2017</b> , 101, 9-18	9
1291	The role of primary cilia in obesity and diabetes. <b>2017</b> , 1391, 71-84	23
1290	Alternative Splicing May Not Be the Key to Proteome Complexity. <b>2017</b> , 42, 98-110	180
1289	Analysis of ARMC5 expression in human tissues. <b>2017</b> , 441, 140-145	21
1288	Transporter effects on cell permeability in drug delivery. <b>2017</b> , 14, 385-401	15
1287	Functional characterization of an oxytocin receptor gene variant (rs2268498) previously associated with social cognition by expression analysis in vitro and in human brain biopsy. <b>2017</b> , 12, 604-611	18
1286	Proteomics of human mitochondria. <b>2017</b> , 33, 2-14	37
1285	Progress and pitfalls in finding the 'missing proteins' from the human proteome map. 2017, 14, 9-14	12
1284	The actions of relaxin family peptides on signal transduction pathways activated by the relaxin family peptide receptor RXFP4. <b>2017</b> , 390, 105-111	7
1283	Monoclonal antibodies that bind to the Ly6 domain of GPIHBP1 abolish the binding of LPL. <b>2017</b> , 58, 208-215	15
1282	Phenotyping and auto-antibody production by liver-infiltrating B cells in primary sclerosing cholangitis and primary biliary cholangitis. <b>2017</b> , 77, 45-54	29
1281	Isolation and expression of the human gametocyte-specific factor 1 gene (GTSF1) in fetal ovary, oocytes, and preimplantation embryos. <b>2017</b> , 34, 23-31	6
1280	CHD3 and CHD4 form distinct NuRD complexes with different yet overlapping functionality. <b>2017</b> , 45, 10534-10554	42

Learning reference-enriched approach towards large scale active ontology alignment and integration. **2017**,

1278	Protein-Coding and Noncoding RNA Genes. <b>2017</b> , 93-116	2
1277	P4HB and PDIA3 are associated with tumor progression and therapeutic outcome of diffuse gliomas. <b>2018</b> , 39, 501-510	34
1276	A branching morphogenesis program governs embryonic growth of the thyroid gland. <b>2018</b> , 145,	14
1275	Role of Perivascular Adipose Tissue in Health and Disease. <b>2017</b> , 8, 23-59	34
1274	Contribution of Adipose Tissue to Development of Cancer. <b>2017</b> , 8, 237-282	89
1273	A novel correlation between ATP5A1 gene expression and progression of human clear cell renal cell carcinoma identified by co-expression analysis. <b>2018</b> , 39, 525-536	17
1272	Evolutionary Proteomics Uncovers Ancient Associations of Cilia with Signaling Pathways. <b>2017</b> , 43, 744-762.e1	<b>1</b> 55
1271	High expression of FLT3 is a risk factor in leukemia. <b>2018</b> , 17, 2885-2892	21
1270	Increased collagen within the transverse tubules in human heart failure. <b>2017</b> , 113, 879-891	39
1269	Nol12 is a multifunctional RNA binding protein at the nexus of RNA and DNA metabolism. <b>2017</b> , 45, 12509-12.	528
1268	hnRNP L controls HPV16 RNA polyadenylation and splicing in an Akt kinase-dependent manner. <b>2017</b> , 45, 9654-9678	13
1267	Inmunoexpresifi del factor de crecimiento transformante B (TGF-B) y del receptor III del factor de crecimiento transformante [[TGF ERIII] en pacientes pedifiricos con paladar hendido completo o incompleto no sindromfico. <b>2017</b> , 5, 214-220	
1266	Ancestors' dietary patterns and environments could drive positive selection in genes involved in micronutrient metabolism-the case of cofactor transporters. <b>2017</b> , 12, 28	4
1265	Whole-Exome Sequencing Identifies a de novo Mutation in a Colombian Patient with Xia-Gibbs Syndrome. <b>2017</b> , 8, 308-312	13
1264	Bicarbonate-sensing soluble adenylyl cyclase is present in the cell cytoplasm and nucleus of multiple shark tissues. <b>2017</b> , 5, e13090	10
1263	Immunoexpression of transforming growth factor-B (TGF-B) and receptor III of Itransforming growth factor (TGF IRIII) in pediatric patients with complete or incomplete non-syndromic cleft palate. <b>2017</b> , 5, e210-e216	
1262	ImmunoPET imaging of tissue factor expression in pancreatic cancer with Zr-Df-ALT-836. <b>2017</b> , 264, 160-168	10

1261	Exploring digenic inheritance in arrhythmogenic cardiomyopathy. <b>2017</b> , 18, 145	9
1260	Expitope 2.0: a tool to assess immunotherapeutic antigens for their potential cross-reactivity against naturally expressed proteins in human tissues. <b>2017</b> , 17, 892	13
1259	The ontology reference model for visual selectivity analysis in drug-target interactions. 2017,	1
1258	Gadd45Isilencing impaired viability and metastatic phenotypes in cholangiocarcinoma cells by modulating the EMT pathway. <b>2018</b> , 15, 3031-3041	5
1257	Discover the semantic structure of human reference epigenome by differential latent dirichlet allocation. <b>2017</b> ,	1
1256	The challenges with the validation of research antibodies. <b>2017</b> , 6, 161	36
1255	Emerging proteomics biomarkers and prostate cancer burden in Africa. <b>2017</b> , 8, 37991-38007	14
1254	Somatic mutations and progressive monosomy modify SAMD9-related phenotypes in humans. <b>2017</b> , 127, 1700-1713	89
1253	Network analysis of the genomic basis of the placebo effect. <b>2017</b> , 2,	31
1252	CD163 as a novel target gene of STAT3 is a potential therapeutic target for gastric cancer. <b>2017</b> , 8, 87244-87	2 <b>62</b> 6
1252 1251	CD163 as a novel target gene of STAT3 is a potential therapeutic target for gastric cancer. <b>2017</b> , 8, 87244-87  Nutrient-sensing nuclear receptors PPAR and FXR control liver energy balance. <b>2017</b> , 127, 1193-1201	2 <b>62</b> 6 86
1251	Nutrient-sensing nuclear receptors PPAR and FXR control liver energy balance. <b>2017</b> , 127, 1193-1201  Differential control of ageing and lifespan by isoforms and splice variants across the mTOR	86
1251 1250	Nutrient-sensing nuclear receptors PPAR and FXR control liver energy balance. 2017, 127, 1193-1201  Differential control of ageing and lifespan by isoforms and splice variants across the mTOR network. 2017, 61, 349-368  ENCORE: an efficient software for CRISPR screens identifies new players in extrinsic apoptosis.	86 9
1251 1250 1249	Nutrient-sensing nuclear receptors PPAR and FXR control liver energy balance. 2017, 127, 1193-1201  Differential control of ageing and lifespan by isoforms and splice variants across the mTOR network. 2017, 61, 349-368  ENCORE: an efficient software for CRISPR screens identifies new players in extrinsic apoptosis. 2017, 18, 905  Enhancing Drug Efficacy and Therapeutic Index through Cheminformatics-Based Selection of Small Molecule Binary Weapons That Improve Transporter-Mediated Targeting: A Cytotoxicity System	86 9 15
1251 1250 1249 1248	Nutrient-sensing nuclear receptors PPAR and FXR control liver energy balance. 2017, 127, 1193-1201  Differential control of ageing and lifespan by isoforms and splice variants across the mTOR network. 2017, 61, 349-368  ENCORE: an efficient software for CRISPR screens identifies new players in extrinsic apoptosis. 2017, 18, 905  Enhancing Drug Efficacy and Therapeutic Index through Cheminformatics-Based Selection of Small Molecule Binary Weapons That Improve Transporter-Mediated Targeting: A Cytotoxicity System Based on Gemcitabine. 2017, 8, 155  Gliotoxin Targets Nuclear NOTCH2 in Human Solid Tumor Derived Cell Lines and Inhibits Melanoma Growth in Xenograft Mouse Model. 2017, 8, 319  The Association of Combined and Genotype Status with the Occurrence of Hemorrhagic Cystitis in	86 9 15
1251 1250 1249 1248	Nutrient-sensing nuclear receptors PPAR and FXR control liver energy balance. 2017, 127, 1193-1201  Differential control of ageing and lifespan by isoforms and splice variants across the mTOR network. 2017, 61, 349-368  ENCORE: an efficient software for CRISPR screens identifies new players in extrinsic apoptosis. 2017, 18, 905  Enhancing Drug Efficacy and Therapeutic Index through Cheminformatics-Based Selection of Small Molecule Binary Weapons That Improve Transporter-Mediated Targeting: A Cytotoxicity System Based on Gemcitabine. 2017, 8, 155  Gliotoxin Targets Nuclear NOTCH2 in Human Solid Tumor Derived Cell Lines and Inhibits Melanoma Growth in Xenograft Mouse Model. 2017, 8, 319  The Association of Combined and Genotype Status with the Occurrence of Hemorrhagic Cystitis in Pediatric Patients Receiving Myeloablative Conditioning Regimen Prior to Allogeneic	86 9 15 14

1243	Co-expression network analysis identified FCER1G in association with progression and prognosis in human clear cell renal cell carcinoma. <b>2017</b> , 13, 1361-1372	67
1242	as a Novel Hypoxia-Induced Gene in Non-Small Cell Lung Cancer. <b>2017</b> , 8, 3933-3938	13
1241	Autoantibody Repertoire in APECED Patients Targets Two Distinct Subgroups of Proteins. 2017, 8, 976	27
1240	Involvement of the Integrin 📶 in the Progression of Colorectal Cancer. 2017, 9,	21
1239	Unexpected Binding Mode of a Potent Indeno[1,2-b]indole-Type Inhibitor of Protein Kinase CK2 Revealed by Complex Structures with the Catalytic Subunit CK2 and Its Paralog CK2 2017, 10,	7
1238	Critical Roles of Dual-Specificity Phosphatases in Neuronal Proteostasis and Neurological Diseases. <b>2017</b> , 18,	14
1237	ABC Transporters in Cancer Stem Cells: Beyond Chemoresistance. <b>2017</b> , 18,	183
1236	A Role of Sp1 Binding Motifs in Basal and Large T-Antigen-Induced Promoter Activities of Human Polyomavirus HPyV9 and Its Variant UF-1. <b>2017</b> , 18,	3
1235	Transcriptomics and the Mediterranean Diet: A Systematic Review. <b>2017</b> , 9,	28
1234	MNS16A tandem repeat minisatellite of human telomerase gene: functional studies in colorectal, lung and prostate cancer. <b>2017</b> , 8, 28021-28027	6
1233	New Challenges to Study Heterogeneity in Cancer Redox Metabolism. <b>2017</b> , 5, 65	38
1232	Commentary: HNRNPLL, a newly identified colorectal cancer metastasis suppressor, modulates alternative splicing of during epithelial-mesenchymal transition. <b>2017</b> , 5, 91	1
1231	Chemical Proteomics for Target Discovery of Head-to-Tail Cyclized Mini-Proteins. 2017, 5, 73	6
1230	Ornithine Aminotransferase, an Important Glutamate-Metabolizing Enzyme at the Crossroads of Multiple Metabolic Pathways. <b>2017</b> , 6,	54
1229	Modulation of the Proteostasis Machinery to Overcome Stress Caused by Diminished Levels of t6A-Modified tRNAs in Drosophila. <b>2017</b> , 7,	7
1228	The Role of Platelet-Derived ADP and ATP in Promoting Pancreatic Cancer Cell Survival and Gemcitabine Resistance. <b>2017</b> , 9,	24
1227	Ubiquitin Specific Peptidase 22 Regulates Histone H2B Mono-Ubiquitination and Exhibits Both Oncogenic and Tumor Suppressor Roles in Cancer. <b>2017</b> , 9,	28
1226	Human Organ Tissue Identification by Targeted RNA Deep Sequencing to Aid the Investigation of Traumatic Injury. <b>2017</b> , 8,	11

1225	Change of Title: Microarrays Becomes High-Throughput. <b>2017</b> , 6,	1
1224	Subcellular Trafficking of Mammalian Lysosomal Proteins: An Extended View. <b>2016</b> , 18,	43
1223	Systems Biology: Methods and Applications. <b>2017</b> , 434-480	
1222	ACTH Receptor (MC2R) Specificity: What Do We Know About Underlying Molecular Mechanisms?. <b>2017</b> , 8, 13	36
1221	Pancreatic Islet Protein Complexes and Their Dysregulation in Type 2 Diabetes. <b>2017</b> , 8, 43	12
1220	Cervical Cancer Neoantigen Landscape and Immune Activity is Associated with Human Papillomavirus Master Regulators. <b>2017</b> , 8, 689	41
1219	Affects the Antigen Presentation Activity of Macrophages Modulating the Expression of the Immune Receptor CD300E through miR-4270. <b>2017</b> , 8, 1288	22
1218	Genome-Scale Reconstruction of the Human Astrocyte Metabolic Network. <b>2017</b> , 9, 23	15
1217	Expression of D-Amino Acid Oxidase (/) and D-Amino Acid Oxidase Activator () during Development and Aging in the Human Post-mortem Brain. <b>2017</b> , 11, 31	21
1216	The Role of the Heat Shock Protein B8 (HSPB8) in Motoneuron Diseases. <b>2017</b> , 10, 176	43
1215	Controversial Effects of D-Amino Acid Oxidase Activator (DAOA)/G72 on D-Amino Acid Oxidase (DAO) Activity in Human Neuronal, Astrocyte and Kidney Cell Lines: The N-methyl D-aspartate (NMDA) Receptor Hypofunction Point of View. <b>2017</b> , 10, 342	4
1214	The Human Cell Atlas. <b>2017</b> , 6,	937
1213	Extraoral Taste Receptor Discovery: New Light on Ayurvedic Pharmacology. 2017, 2017, 5435831	13
1212	Biochemical adaptations of the retina and retinal pigment epithelium support a metabolic ecosystem in the vertebrate eye. <b>2017</b> , 6,	146
1211	The Therapeutic Potential of Anti-Inflammatory Exerkines in the Treatment of Atherosclerosis. <b>2017</b> , 18,	20
1210	Elevated fecal peptidase D at onset of colitis in Galphai2-/- mice, a mouse model of IBD. <b>2017</b> , 12, e0174275	3
1209	MCPIP1, alias Regnase-1 binds and cleaves mRNA of C/EBP□ <b>2017</b> , 12, e0174381	13
1208	Sequence-structure relationships, expression profiles, and disease-associated mutations in the paralogs of phosphoglucomutase 1. <b>2017</b> , 12, e0183563	9

1207	Analysis of the whole transcriptome from gingivo-buccal squamous cell carcinoma reveals deregulated immune landscape and suggests targets for immunotherapy. <b>2017</b> , 12, e0183606	3
1206	The tumor suppressor phosphatase PP2A-B56Hegulates stemness and promotes the initiation of malignancies in a novel murine model. <b>2017</b> , 12, e0188910	15
1205	The role of the C-terminal D0 domain of flagellin in activation of Toll like receptor 5. <b>2017</b> , 13, e1006574	34
1204	A high resolution atlas of gene expression in the domestic sheep (Ovis aries). <b>2017</b> , 13, e1006997	79
1203	Profiling RNA-Seq at multiple resolutions markedly increases the number of causal eQTLs in autoimmune disease. <b>2017</b> , 13, e1007071	16
1202	Cellular heterogeneity contributes to subtype-specific expression of ZEB1 in human glioblastoma. <b>2017</b> , 12, e0185376	7
1201	Non-small cell lung cancer (NSCLC), EGFR downstream pathway activation and TKI targeted therapies sensitivity: Effect of the plasma membrane-associated NEU3. <b>2017</b> , 12, e0187289	10
1200	The WAGR syndrome gene PRRG4 is a functional homologue of the commissureless axon guidance gene. <b>2017</b> , 13, e1006865	22
1199	DE-kupl: exhaustive capture of biological variation in RNA-seq data through k-mer decomposition. <b>2017</b> , 18, 243	25
1198	Expression of the scaffold connector enhancer of kinase suppressor of Ras 1 (CNKSR1) is correlated with clinical outcome in pancreatic cancer. <b>2017</b> , 17, 495	8
1197	Increased ERCC1 expression is linked to chromosomal aberrations and adverse tumor biology in prostate cancer. <b>2017</b> , 17, 504	5
1196	IGF1R activation and the in vitro antiproliferative efficacy of IGF1R inhibitor are inversely correlated with IGFBP5 expression in bladder cancer. <b>2017</b> , 17, 636	11
1195	Network pharmacological mechanisms of Vernonia anthelmintica (L.) in the treatment of vitiligo: Isorhamnetin induction of melanogenesis via up-regulation of melanin-biosynthetic genes. <b>2017</b> , 11, 103	16
1194	The clinicopathological significance of UBE2C in breast cancer: a study based on immunohistochemistry, microarray and RNA-sequencing data. <b>2017</b> , 17, 83	32
1193	Multi-omics of 34 colorectal cancer cell lines - a resource for biomedical studies. <b>2017</b> , 16, 116	142
1192	Differentiating mouse embryonic stem cells express markers of human endometrium. <b>2017</b> , 15, 52	6
1191	Arete - candidate gene prioritization using biological network topology with additional evidence types. <b>2017</b> , 10, 22	6
1190	Systems-epigenomics inference of transcription factor activity implicates aryl-hydrocarbon-receptor inactivation as a key event in lung cancer development. <b>2017</b> , 18, 236	26

1189 Perturbed human sub-networks by Fusobacterium nucleatum candidate virulence protein	ns. <b>2017</b> , 5, 89 19
$_{ m 1188}$ Using single-cell multiple omics approaches to resolve tumor heterogeneity. <b>2017</b> , 6, 46	50
1187 MitoCore: a curated constraint-based model for simulating human central metabolism. <b>20</b>	<b>017</b> , 11, 114 19
Prognostic Significance of EDIL3 Expression and Correlation with Mesenchymal Phenotyp Microvessel Density in Lung Adenocarcinoma. <b>2017</b> , 7, 8649	oe and 17
A rapid and accurate approach for prediction of interactomes from co-elution data (PrInC 18, 457	CE). <b>2017</b> ,
$_{ m 1184}$ Radiogenomics: Identification of Genomic Predictors for Radiation Toxicity. <b>2017</b> , 27, 300	<b>)-309</b> 33
Targeting bone morphogenetic protein signalling in midbrain dopaminergic neurons as a therapeutic approach in Parkinson's disease. <b>2017</b> , 1, NS20170027	9
$_{11}82$ PCOSBase: a manually curated database of polycystic ovarian syndrome. <b>2017</b> , 2017,	6
1181 Linked Data for Life Sciences. <b>2017</b> , 10, 126	6
Serglycin as a potential biomarker for glioma: association of serglycin expression, extent control cell recruitment and glioblastoma progression. <b>2017</b> , 8, 24815-24827	of mast 22
Overexpression of CKAP4 is Associated with Poor Prognosis in Clear Cell Renal Cell Carcin Functions via Cyclin B Signaling. <b>2017</b> , 8, 4018-4026	noma and 6
The TissueNet v.2 database: A quantitative view of protein-protein interactions across hu tissues. <b>2017</b> , 45, D427-D431	ıman 42
Superoxide Dismutases in Pancreatic Cancer. <b>2017</b> , 6,	10
$_{ m 1176}$ The Molecular Basis of Toxins' Interactions with Intracellular Signaling via Discrete Portal:	s. <b>2017</b> , 9, 21
An Investigation of the Single and Combined Phthalate Metabolite Effects on Human Cho Gonadotropin Expression in Placental Cells. <b>2017</b> , 125, 107010	orionic 24
Antibodies to Signaling Molecules and Receptors in Alzheimer's Disease are Associated w Psychomotor Slowing, Depression, and Poor Visuospatial Function. <b>2017</b> , 59, 929-939	vith 7
2173 Zinc Signals and Immune Function. <b>2017</b> , 261-271	
1172 Revisiting olfactory receptors as putative drivers of cancer. <b>2017</b> , 2, 9	23

1171	Identification of as the first cancer predisposition fusion gene specific to the population of European ancestry origin. <b>2017</b> , 8, 50594-50607		7
1170	The effects of DLEU1 gene expression in Burkitt lymphoma (BL): potential mechanism of chemoimmunotherapy resistance in BL. <b>2017</b> , 8, 27839-27853		29
1169	Interest of integrins targeting in glioblastoma according to tumor heterogeneity and cancer stem cell paradigm: an update. <b>2017</b> , 8, 86947-86968		49
1168	Identification of novel diagnostic biomarkers for thyroid carcinoma. <b>2017</b> , 8, 111551-111566		5
1167	Genome-wide identification of cancer/testis genes and their association with prognosis in a pan-cancer analysis. <b>2017</b> , 8, 92966-92977		25
1166	Conventional protein kinase C in the brain: 40 years later. <b>2017</b> , 1, NS20160005		30
1165	Intracellular Proteolysis of Progranulin Generates Stable, Lysosomal Granulins that Are Haploinsufficient in Patients with Frontotemporal Dementia Caused by Mutations. <b>2017</b> , 4,		67
1164	Inhibition of HIV Fusion by Small Molecule Agonists through Efficacy-Engineering of CXCR4. <b>2018</b> , 13, 881-886		7
1163	LanCL1 protects prostate cancer cells from oxidative stress via suppression of JNK pathway. <b>2018</b> , 9, 197		14
1162	Highly multiplexed single-cell RNA and DNA analysis with bioorthogonal cleavable fluorescent oligonucleotides. <b>2018</b> , 9, 2909-2917		13
1161	Loss of Function of the Nuclear Receptor NR2F2, Encoding COUP-TF2, Causes Testis Development and Cardiac Defects in 46,XX Children. <b>2018</b> , 102, 487-493		37
1160	Unexplored therapeutic opportunities in the human genome. <b>2018</b> , 17, 317-332		156
1159	Glutathione peroxidase 4 overexpression inhibits ROS-induced cell death in diffuse large B-cell lymphoma. <b>2018</b> , 98, 609-619		60
1158	Structural principles that enable oligomeric small heat-shock protein paralogs to evolve distinct functions. <i>Science</i> , <b>2018</b> , 359, 930-935	33.3	29
1157	MAP4K3 mediates amino acid-dependent regulation of autophagy via phosphorylation of TFEB. <b>2018</b> , 9, 942		54
1156	CMS-dependent prognostic impact of KRAS and BRAFV600E mutations in primary colorectal cancer. <b>2018</b> , 29, 1227-1234		49
1155	Exploring the Wnt signaling pathway in schizophrenia and bipolar disorder. <b>2018</b> , 8, 55		59
1154	A proteomic landscape of diffuse-type gastric cancer. <b>2018</b> , 9, 1012		97

1153	Decapping protein EDC4 regulates DNA repair and phenocopies BRCA1. <b>2018</b> , 9, 967	23
1152	An in silico argument for mitochondrial microRNA as a determinant of primary non function in liver transplantation. <b>2018</b> , 8, 3105	6
1151	A Gain-of-Function Mutation in EPO in Familial Erythrocytosis. 2018, 378, 924-930	27
1150	Homo sapiens-Specific Binding Site Variants within Brain Exclusive Enhancers Are Subject to Accelerated Divergence across Human Population. <b>2018</b> , 10, 956-966	7
1149	Oral cholera vaccination promotes homing of IgA memory B cells to the large intestine and the respiratory tract. <b>2018</b> , 11, 1254-1264	19
1148	Identification, isolation and characterization of human LGR5-positive colon adenoma cells. <b>2018</b> , 145,	42
1147	High NUP43 expression might independently predict poor overall survival in luminal A and in HER2+ breast cancer. <b>2018</b> , 14, 1431-1442	9
1146	Aurora kinase B regulates axonal outgrowth and regeneration in the spinal motor neurons of developing zebrafish. <b>2018</b> , 75, 4269-4285	12
1145	How Omics Data Can Be Used in Nephrology. <b>2018</b> , 72, 129-135	13
1144	Recently Evolved Tumor Suppressor Transcript TP73-AS1 Functions as Sponge of Human-Specific miR-941. <b>2018</b> , 35, 1063-1077	14
1143	Bioinformatic analysis of PFN2 dysregulation and its prognostic value in head and neck squamous carcinoma. <b>2018</b> , 14, 449-459	10
1142	CGB5 expression is independently associated with poor overall survival and recurrence-free survival in patients with advanced gastric cancer. <b>2018</b> , 7, 716-725	5
1141	The Ewing Sarcoma Secretome and Its Response to Activation of Wnt/beta-catenin Signaling. <b>2018</b> , 17, 901-912	20
1140	Genome-wide transcriptome analysis identifies alternative splicing regulatory network and key splicing factors in mouse and human psoriasis. <b>2018</b> , 8, 4124	15
1139	The regulation of glycogenolysis in the brain. <b>2018</b> , 293, 7099-7107	30
1138	The fumarylacetoacetate hydrolase (FAH) superfamily of enzymes: multifunctional enzymes from microbes to mitochondria. <b>2018</b> , 46, 295-309	16
1137	Prognostic and predictive value of HURP in non-small cell lung cancer. <b>2018</b> , 39, 1682-1692	16
1136	Is folic acid safe for non-muscle-invasive bladder cancer patients? An evidence-based cohort study. <b>2018</b> , 107, 208-216	12

1135	FOXO1 cysteine-612 mediates stimulatory effects of the coregulators CBP and PGC1&on FOXO1 basal transcriptional activity. <b>2018</b> , 118, 98-107	6
1134	CCRK is a novel signalling hub exploitable in cancer immunotherapy. <b>2018</b> , 186, 138-151	25
1133	Discovery of coding regions in the human genome by integrated proteogenomics analysis workflow. <b>2018</b> , 9, 903	67
1132	Kallikrein-related peptidase 14 is the second KLK protease targeted by the serpin vaspin. <b>2018</b> , 399, 1079-108	34 <sub>10</sub>
1131	Advancing translational research and precision medicine with targeted proteomics. <b>2018</b> , 189, 1-10	44
1130	Combined ASRGL1 and p53 immunohistochemistry as an independent predictor of survival in endometrioid endometrial carcinoma. <b>2018</b> , 149, 173-180	10
1129	Expansions of intronic TTTCA and TTTTA repeats in benign adult familial myoclonic epilepsy. <b>2018</b> , 50, 581-590	152
1128	Rare variants in axonogenesis genes connect three families with sound-color synesthesia. <b>2018</b> , 115, 3168-3173	29
1127	Genome Editing in Neuroepithelial Stem Cells to Generate Human Neurons with High Adenosine-Releasing Capacity. <b>2018</b> , 7, 477-486	6
1126	Pregnancy-associated diamine oxidase originates from extravillous trophoblasts and is decreased in early-onset preeclampsia. <b>2018</b> , 8, 6342	27
1125	Cardiomyocytes have mosaic patterns of protein expression. <b>2018</b> , 34, 50-57	9
1124	Computation and application of tissue-specific gene set weights. <b>2018</b> , 34, 2957-2964	2
1123	3-Substituted 1,5-Diaryl-1 H-1,2,4-triazoles as Prospective PET Radioligands for Imaging Brain COX-1 in Monkey. Part 1: Synthesis and Pharmacology. <b>2018</b> , 9, 2610-2619	20
1122	Glucose-regulated protein 78 is essential for cardiac myocyte survival. <b>2018</b> , 25, 2181-2194	20
1121	Activated ezrin controls MISP levels to ensure correct NuMA polarization and spindle orientation. <b>2018</b> , 131,	15
1120	Systems biology in hepatology: approaches and applications. <b>2018</b> , 15, 365-377	70
1119	BioMuta and BioXpress: mutation and expression knowledgebases for cancer biomarker discovery. <b>2018</b> , 46, D1128-D1136	49
1118	Tracking disease progression non-invasively in Duchenne and Becker muscular dystrophies. <b>2018</b> , 9, 715-726	32

1117	Cardiac mTORC1 Dysregulation Impacts Stress Adaptation and Survival in Huntington's Disease. <b>2018</b> , 23, 1020-1033	12
1116	Comparative proteomic analysis of human malignant ascitic fluids for the development of gastric cancer biomarkers. <b>2018</b> , 56, 55-61	10
1115	Genetic Variants in and Are Associated With Variation in Response to Metformin in Individuals With Type 2 Diabetes. <b>2018</b> , 67, 1428-1440	18
1114	Genetic variations and risk of placental abruption: A genome-wide association study and meta-analysis of genome-wide association studies. <b>2018</b> , 66, 8-16	9
1113	Point-of-care whole-exome sequencing of idiopathic male infertility. <b>2018</b> , 20, 1365-1373	58
1112	Proteomic analysis of sperm proteins in infertile men with high levels of reactive oxygen species. <b>2018</b> , 50, e13015	16
1111	Role of lysophosphatidic acid in the retinal pigment epithelium and photoreceptors. 2018, 1863, 750-761	16
1110	Tools and drugs for uracil nucleotide-activated P2Y receptors. <b>2018</b> , 190, 24-80	27
1109	Interferon-Stimulated Genes Are Involved in Cross-resistance to Radiotherapy in Tamoxifen-Resistant Breast Cancer. <b>2018</b> , 24, 3397-3408	41
1108	Exosomes in Acquired Neurological Disorders: New Insights into Pathophysiology and Treatment. <b>2018</b> , 55, 9280-9293	56
1107	The spatial and developmental expression of mouse Vwa8 (von Willebrand domain-containing protein 8). <b>2018</b> , 29, 39-46	2
1106	Mapping the tumour human leukocyte antigen (HLA) ligandome by mass spectrometry. <b>2018</b> , 154, 331-345	57
1105	EMSY is increased and activates TSLP & CCL5 expression in eosinophilic esophagitis. 2018, 29, 565-568	3
1104	USP4 expression independently predicts favorable survival in lung adenocarcinoma. 2018, 70, 670-677	13
1103	The Body-wide Transcriptome Landscape of Disease Models. <b>2018</b> , 2, 238-268	12
1102	Mining the Human Tissue Proteome for Protein Citrullination. 2018, 17, 1378-1391	51
1101	The latent geometry of the human protein interaction network. <b>2018</b> , 34, 2826-2834	14
1100	A CLK3-HMGA2 Alternative Splicing Axis Impacts Human Hematopoietic Stem Cell Molecular Identity throughout Development. <b>2018</b> , 22, 575-588.e7	24

1099	Proteomic Comparison of Various Hepatic Cell Cultures for Preclinical Safety Pharmacology. <b>2018</b> , 164, 229-239	4
1098	Rationalizing Drug Response in Cancer Cell Lines. <b>2018</b> , 430, 3016-3027	6
1097	The impact of tumor receptor heterogeneity on the response to anti-angiogenic cancer treatment. <b>2018</b> , 10, 253-269	12
1096	VarCards: an integrated genetic and clinical database for coding variants in the human genome. <b>2018</b> , 46, D1039-D1048	86
1095	Diet-dependent changes in the intestinal DNA methylome after introduction of enteral feeding in preterm pigs. <b>2018</b> , 10, 395-408	8
1094	Plasma mSEPT9: A Novel Circulating Cell-free DNA-Based Epigenetic Biomarker to Diagnose Hepatocellular Carcinoma. <b>2018</b> , 30, 138-147	66
1093	The KASH-containing isoform of Nesprin1 giant associates with ciliary rootlets of ependymal cells. <b>2018</b> , 115, 82-91	3
1092	Genome-wide CRISPR screen identifies FAM49B as a key regulator of actin dynamics and T cell activation. <b>2018</b> , 115, E4051-E4060	54
1091	A reference peptide database for proteome quantification based on experimental mass spectrum response curves. <b>2018</b> , 34, 2766-2772	О
1090	Identification of a novel selective small-molecule inhibitor of protein arginine methyltransferase 5 (PRMT5) by virtual screening, resynthesis and biological evaluations. <b>2018</b> , 28, 1476-1483	14
1089	Alpha-v-containing integrins are host receptors for the sporozoite surface protein, TRAP. <b>2018</b> , 115, 4477-4482	26
1088	Inferring the effect of genomic variation in the new era of genomics. <b>2018</b> , 39, 756-773	19
1087	Identification of Significant Gene Signatures and Prognostic Biomarkers for Patients With Cervical Cancer by Integrated Bioinformatic Methods. <b>2018</b> , 17, 1533033818767455	21
1086	Efficacy and Mechanism of Antitumor Activity of an Antibody Targeting Transferrin Receptor 1 in Mouse Models of Human Multiple Myeloma. <b>2018</b> , 200, 3485-3494	16
1085	The remembrance of the things past: Conserved signalling pathways link protozoa to mammalian nervous system. <b>2018</b> , 73, 25-39	15
1084	Gastric cancer biomarkers; A systems biology approach. <b>2018</b> , 13, 141-146	12
1083	GeneGini: Assessment via the Gini Coefficient of Reference "Housekeeping" Genes and Diverse Human Transporter Expression Profiles. <b>2018</b> , 6, 230-244.e1	40
1082	Ein auf Sulfoxid basierendes, isobares Derivatisierungsreagens fildie przise quantitative Massenspektrometrie. <b>2018</b> , 130, 3008-3013	2

1081	Hematogenous Dissemination of Mesenchymal Stem Cells from Endometriosis. 2018, 36, 881-890	26
1080	Access to the CNS: Biomarker Strategies for Dopaminergic Treatments. <b>2018</b> , 35, 64	8
1079	GPCRs in context: sexual dimorphism in the cardiovascular system. <b>2018</b> , 175, 4047-4059	10
1078	Chemical stresses fail to mimic the unfolded protein response resulting from luminal load with unfolded polypeptides. <b>2018</b> , 293, 5600-5612	34
1077	Human Clock Genes and Cancer. 2018, 4, 65-73	
1076	RIPK1-mediated induction of mitophagy compromises the viability of extracellular-matrix-detached cells. <b>2018</b> , 20, 272-284	46
1075	Rce1: mechanism and inhibition. 2018, 53, 157-174	25
1074	Simultaneous Assessment of Clearance, Metabolism, Induction, and Drug-Drug Interaction Potential Using a Long-Term In Vitro Liver Model for a Novel Hepatitis B Virus Inhibitor. <b>2018</b> , 365, 237-248	12
1073	High-Density Proximity Mapping Reveals the Subcellular Organization of mRNA-Associated Granules and Bodies. <b>2018</b> , 69, 517-532.e11	331
1072	Truncated SALL1 Impedes Primary Cilia Function in Townes-Brocks Syndrome. <b>2018</b> , 102, 249-265	16
1071	PBX3 Is Part of an EMT Regulatory Network and Indicates Poor Outcome in Colorectal Cancer. <b>2018</b> , 24, 1974-1986	29
1070	The diamond anniversary of tissue transglutaminase: a protein of many talents. <b>2018</b> , 23, 575-591	26
1069	RNA-protein interaction detection in living cells. <b>2018</b> , 15, 207-212	142
1068	The tumour glyco-code as a novel immune checkpoint for immunotherapy. <b>2018</b> , 18, 204-211	183
1067	Tissue Proteomics. <b>2018</b> , 129-155	
1066	Expression profiles of Sox transcription factors within the postnatal rodent testes. <b>2018</b> , 447, 175-187	11
1065	Advances in analytical tools for high throughput strain engineering. <b>2018</b> , 54, 33-40	23
1064	HIF1-alpha Regulates Acinar Cell Function and Response to Injury in Mouse Pancreas. <b>2018</b> , 154, 1630-1634.e	3 8

1063	Positive zip coding in small protein translocation. <b>2018</b> , 293, 1908-1909	2
1062	The role of Galectin-3 in modulating tumor growth and immunosuppression within the tumor microenvironment. <b>2018</b> , 7, e1434467	69
1061	The PHD1 oxygen sensor in health and disease. <b>2018</b> , 596, 3899-3913	15
1060	In Silico Preliminary Association of Ammonia Metabolism Genes GLS, CPS1, and GLUL with Risk of Alzheimer's Disease, Major Depressive Disorder, and Type 2 Diabetes. <b>2018</b> , 64, 385-396	7
1059	How many human proteoforms are there?. <b>2018</b> , 14, 206-214	324
1058	A genome-wide association study identifies only two ancestry specific variants associated with spontaneous preterm birth. <b>2018</b> , 8, 226	21
1057	Approaches to target tractability assessment - a practical perspective. <b>2018</b> , 9, 606-613	28
1056	Transcriptome analysis reveals TMPRSS6 isoforms with distinct functionalities. <b>2018</b> , 22, 2498-2509	8
1055	Defining tissue proteomes by systematic literature review. <b>2018</b> , 8, 546	7
1054	Proteomics Profiling of CLL Versus Healthy B-cells Identifies Putative Therapeutic Targets and a Subtype-independent Signature of Spliceosome Dysregulation. <b>2018</b> , 17, 776-791	31
1053	Distinct epigenetic programs regulate cardiac myocyte development and disease in the human heart in vivo. <b>2018</b> , 9, 391	115
1052	Glioma tumor suppressor candidate region gene 1 (GLTSCR1) and its paralog GLTSCR1-like form SWI/SNF chromatin remodeling subcomplexes. <b>2018</b> , 293, 3892-3903	82
1051	RNentropy: an entropy-based tool for the detection of significant variation of gene expression across multiple RNA-Seq experiments. <b>2018</b> , 46, e46	23
1050	Basal Mitophagy Occurs Independently of PINK1 in Mouse Tissues of High Metabolic Demand. <b>2018</b> , 27, 439-449.e5	280
1049	Complementary, Semiautomated Methods for Creating Multidimensional PEG-Based Biomaterials. <b>2018</b> , 4, 707-718	12
1048	T-type Ca Channels: T for Targetable. <b>2018</b> , 78, 603-609	26
1047	Regeneration in distantly related species: common strategies and pathways. <b>2018</b> , 4, 5	18
1046	Delineating differential regulatory signatures of the human transcriptome in the choriodecidua and myometrium at term labor. <b>2018</b> , 98, 422-436	11

1045	Unravelling Pathophysiology of Crystalline Nephropathy in Ceftriaxone-Associated Acute Kidney Injury: A Cellular Proteomic Approach. <b>2018</b> , 139, 70-82	3
1044	Piezo2 channel regulates RhoA and actin cytoskeleton to promote cell mechanobiological responses. <b>2018</b> , 115, 1925-1930	90
1043	Therapeutically targeting tumor microenvironment-mediated drug resistance in estrogen receptor-positive breast cancer. <b>2018</b> , 215, 895-910	49
1042	In Vitro Modeling of Leucine-Rich Repeat Kinase 2 G2019S-Mediated Parkinson's Disease Pathology. <b>2018</b> , 27, 960-967	4
1041	Diurnal transcriptome atlas of a primate across major neural and peripheral tissues. <i>Science</i> , <b>2018</b> , 359,	315
1040	Discovery and Validation of Novel Protein Biomarkers in Ovarian Cancer Patient Urine. <b>2018</b> , 12, e1700135	24
1039	RNA Related Pathology in Huntington's Disease. <b>2018</b> , 1049, 85-101	8
1038	HOTAIR induces the ubiquitination of Runx3 by interacting with Mex3b and enhances the invasion of gastric cancer cells. <b>2018</b> , 21, 756-764	40
1037	The Human Transcription Factors. <b>2018</b> , 172, 650-665	840
1036	Microfluidics for secretome analysis under enhanced endogenous signaling. 2018, 497, 480-484	11
1035	Dynamic modelling of the mTOR signalling network reveals complex emergent behaviours conferred by DEPTOR. <b>2018</b> , 8, 643	21
1034	Membranous nephropathy associated with pregnancy: an anti-phospholipase A2 receptor antibody-positive case report. <b>2018</b> , 7, 101-106	3
1033	A novel stress hormone response gene in tadpoles of Xenopus tropicalis. <b>2018</b> , 260, 107-114	4
1032	LIMK/cofilin pathway and Slingshot are implicated in human colorectal cancer progression and chemoresistance. <b>2018</b> , 472, 727-737	26
1031	Candidate genes involved in the evolution of viviparity: a RAD sequencing experiment in the lizard Zootoca vivipara (Squamata: Lacertidae). <b>2018</b> , 183, 196-207	7
1030	Evolutionary routes and KRAS dosage define pancreatic cancer phenotypes. <b>2018</b> , 554, 62-68	192
1029	The prolyl isomerase FKBP25 regulates microtubule polymerization impacting cell cycle progression and genomic stability. <b>2018</b> , 46, 2459-2478	13
1028	Amphioxus SYCP1: a case of retrogene replacement and co-option of regulatory elements adjacent to the ParaHox cluster. <b>2018</b> , 228, 13-30	1

1027	Harnessing Protease Activity to Improve Cancer Care. <b>2018</b> , 2, 353-376	36
1026	High MYBL2 expression and transcription regulatory activity is associated with poor overall survival in patients with hepatocellular carcinoma. <b>2018</b> , 66, 27-32	22
1025	Recent advances in mass spectrometry-based approaches for proteomics and biologics: Great contribution for developing therapeutic antibodies. <b>2018</b> , 185, 147-154	39
1024	Cancer transcriptome profiling at the juncture of clinical translation. <b>2018</b> , 19, 93-109	128
1023	As Extracellular Glutamine Levels Decline, Asparagine Becomes an Essential Amino Acid. <b>2018</b> , 27, 428-438.e5	139
1022	A search for molecular mechanisms underlying male idiopathic infertility. <b>2018</b> , 36, 327-339	83
1021	Genome-Wide Analysis of Barrett's Adenocarcinoma. A First Step Towards Identifying Patients at Risk and Developing Therapeutic Paths. <b>2018</b> , 11, 116-124	6
1020	Resistance to receptor-blocking therapies primes tumors as targets for HER3-homing nanobiologics. <b>2018</b> , 271, 127-138	4
1019	Decoding the molecular switches of natriuretic peptides which differentiate its vascular and renal functions. <b>2018</b> , 475, 399-413	8
1018	Structure of the human monomeric NEET protein MiNT and its role in regulating iron and reactive oxygen species in cancer cells. <b>2018</b> , 115, 272-277	33
1017	Interleukin-33 (IL-33): A nuclear cytokine from the IL-1 family. 2018, 281, 154-168	317
1016	Immunohistochemical Localization of Fibrinogen C Domain Containing 1 on Epithelial and Mucosal Surfaces in Human Tissues. <b>2018</b> , 66, 85-97	9
1015	Evolutionary expansion of DNA hypomethylation in the mammalian germline genome. <b>2018</b> , 28, 145-158	17
1014	Antigen Identification for Orphan T Cell Receptors Expressed on Tumor-Infiltrating Lymphocytes. <b>2018</b> , 172, 549-563.e16	160
1013	Cellular FLIP long isoform (cFLIP)-IKKEnteractions inhibit IRF7 activation, representing a new cellular strategy to inhibit IFNEexpression. <b>2018</b> , 293, 1745-1755	5
1012	Comparative transcriptomic analysis of human placentae at term and preterm delivery. <b>2018</b> , 98, 89-101	9
1011	Voltage-gated sodium channels: (Na )igating the field to determine their contribution to visceral nociception. <b>2018</b> , 596, 785-807	24
1010	Focus on resolution. <b>2018</b> , 7, iv-v	

1009	Hypoxia-inducible lipid droplet-associated protein inhibits adipose triglyceride lipase. <b>2018</b> , 59, 531-541	39
1008	Biased Agonism in Drug Discovery-Is It Too Soon to Choose a Path?. <b>2018</b> , 93, 259-265	57
1007	Inhibitors of protein translocation across membranes of the secretory pathway: novel antimicrobial and anticancer agents. <b>2018</b> , 75, 1541-1558	24
1006	The Special AT-rich Sequence Binding Protein 1 (SATB1) and its role in solid tumors. <b>2018</b> , 417, 96-111	12
1005	Aryl hydrocarbon receptor expression by macrophages and lymphocytes within infiltrates in BK polyomavirus associated nephropathy. <b>2018</b> , 47, 18-21	1
1004	Dynamic changes in copper homeostasis and post-transcriptional regulation of Atp7a during myogenic differentiation. <b>2018</b> , 10, 309-322	12
1003	POU6f1 Mediates Neuropeptide-Dependent Plasticity in the Adult Brain. 2018, 38, 1443-1461	10
1002	Deregulation of sialidases in human normal and tumor tissues. <b>2018</b> , 21, 591-601	11
1001	A Sulfoxide-Based Isobaric Labelling Reagent for Accurate Quantitative Mass Spectrometry. <b>2018</b> , 57, 2958-2962	14
1000	A myopic perspective on the future of protein diagnostics. <b>2018</b> , 45, 14-18	5
999	A myopic perspective on the future of protein diagnostics. <b>2018</b> , 45, 14-18  Structural biology of Zika virus and other flaviviruses. <b>2018</b> , 25, 13-20	5 102
999	Structural biology of Zika virus and other flaviviruses. <b>2018</b> , 25, 13-20	102
999	Structural biology of Zika virus and other flaviviruses. <b>2018</b> , 25, 13-20  The hitchhiker's guide to the chemical-biological galaxy. <b>2018</b> , 23, 565-574  AATF suppresses apoptosis, promotes proliferation and is critical for Kras-driven lung cancer. <b>2018</b> ,	102
999 998 997	Structural biology of Zika virus and other flaviviruses. <b>2018</b> , 25, 13-20  The hitchhiker's guide to the chemical-biological galaxy. <b>2018</b> , 23, 565-574  AATF suppresses apoptosis, promotes proliferation and is critical for Kras-driven lung cancer. <b>2018</b> , 37, 1503-1518	102 21 16
999 998 997 996	Structural biology of Zika virus and other flaviviruses. 2018, 25, 13-20  The hitchhiker's guide to the chemical-biological galaxy. 2018, 23, 565-574  AATF suppresses apoptosis, promotes proliferation and is critical for Kras-driven lung cancer. 2018, 37, 1503-1518  Pathology, proteomics and the pathway to personalised medicine. 2018, 15, 231-243	102 21 16
999 998 997 996	Structural biology of Zika virus and other flaviviruses. 2018, 25, 13-20  The hitchhiker's guide to the chemical-biological galaxy. 2018, 23, 565-574  AATF suppresses apoptosis, promotes proliferation and is critical for Kras-driven lung cancer. 2018, 37, 1503-1518  Pathology, proteomics and the pathway to personalised medicine. 2018, 15, 231-243  The polarity protein Angiomotin p130 controls dendritic spine maturation. 2018, 217, 715-730  Review: Molecular characteristics of long-term epilepsy-associated tumours (LEATs) and	102 21 16 12 6

991	Whole-exome sequencing reveals POC5 as a novel gene associated with autosomal recessive retinitis pigmentosa. <b>2018</b> , 27, 614-624	14
990	Unraveling the human protein atlas of metastatic melanoma in the course of ultraviolet radiation-derived photo-therapy. <b>2018</b> , 188, 119-138	3
989	Transcriptional Profiling of Somatostatin Interneurons in the Spinal Dorsal Horn. 2018, 8, 6809	29
988	Regressed but Not Gone: Patterns of Vision Gene Loss and Retention in Subterranean Mammals. <b>2018</b> , 58, 441-451	14
987	Crosstalk between phosphorylation and O-GlcNAcylation: friend or foe. 2018, 285, 3152-3167	50
986	The altered expression of perineuronal net elements during neural differentiation. <b>2018</b> , 23, 5	9
985	A case of an infant suspected as IMAGE syndrome who were finally diagnosed with MIRAGE syndrome by targeted Mendelian exome sequencing. <b>2018</b> , 19, 35	16
984	Affinity proteomic profiling of plasma for proteins associated to area-based mammographic breast density. <b>2018</b> , 20, 14	5
983	Epidermal Wnt signalling regulates transcriptome heterogeneity and proliferative fate in neighbouring cells. <b>2018</b> , 19, 3	11
982	Durable regression of Medulloblastoma after regional and intravenous delivery of anti-HER2 chimeric antigen receptor T cells. <b>2018</b> , 6, 30	60
981	High-Density Antigen Microarrays for the Assessment of Antibody Selectivity and Off-Target Binding. <b>2018</b> , 1785, 231-238	1
980	Targeted Mass Spectrometry-Based Assays for Relative Quantification of 30 Brain-Related Proteins and Their Clinical Applications. <b>2018</b> , 17, 2282-2292	10
979	A meta-analysis of public microarray data identifies biological regulatory networks in Parkinson's disease. <b>2018</b> , 11, 40	19
978	Insulin acts as a repressive factor to inhibit the ability of PAR2 to induce islet cell transdifferentiation. <b>2018</b> , 1-12	4
977	A direct regulatory link between microRNA-137 and SHANK2: implications for neuropsychiatric disorders. <b>2018</b> , 10, 15	11
976	Basic and clinical aspects of antimuscarinic agents used to treat overactive bladder. <b>2018</b> , 189, 130-148	44
975	Ancient Nuclear Receptor VDR With New Functions: Microbiome and Inflammation. 2018, 24, 1149-1154	54
974	Accessing Expert-Curated Pharmacological Data in the IUPHAR/BPS Guide to PHARMACOLOGY. <b>2018</b> , 61, 1.34.1-1.34.46	8

## (2018-2018)

973	Multiplexed Antigen Bead Arrays for the Assessment of Antibody Selectivity and Epitope Mapping. <b>2018</b> , 1785, 239-248	1
972	Shortening the list of essential genes in the human genome by network analysis. <b>2018</b> , 17, 68-77	2
971	Inhibition of DNA methyltransferase leads to increased genomic 5-hydroxymethylcytosine levels in hematopoietic cells. <b>2018</b> , 8, 584-592	6
970	Profiling plasma extracellular vesicle by pluronic block-copolymer based enrichment method unveils features associated with breast cancer aggression, metastasis and invasion. <b>2018</b> , 7, 1458574	14
969	The Emerging Immunogenetic Architecture of Schizophrenia. 2018, 44, 993-1004	31
968	SLC22A16 upregulation is an independent unfavorable prognostic indicator in gastric cancer. <b>2018</b> , 14, 2139-2148	7
967	Brain-related proteins as potential CSF biomarkers of Alzheimer's disease: A targeted mass spectrometry approach. <b>2018</b> , 182, 12-20	34
966	Epitope Mapping Protocols. 2018,	2
965	Impact of miR-140 Deficiency on Non-Alcoholic Fatty Liver Disease. <b>2018</b> , 62, e1800189	8
964	Transcriptomic Studies of Malaria: a Paradigm for Investigation of Systemic Host-Pathogen Interactions. <b>2018</b> , 82,	22
963	Malnutrition Risk in Kidney Recipients Treated With Mycophenolate Mofetil Is Associated With IMPDH1 rs2278294 Polymorphism. <b>2018</b> , 50, 1794-1797	3
962	Periprostatic fat tissue transcriptome reveals a signature diagnostic for high-risk prostate cancer. <b>2018</b> , 25, 569-581	11
961	Improved efficiency of in situ protein analysis by proximity ligation using UnFold probes. <b>2018</b> , 8, 5400	17
960	Celiac Diasease-associated lncRNA Named HCG14 Regulates NOD1 Expression in Intestinal Cells. <b>2018</b> , 67, 225-231	12
959	Genome-Wide Association Studies of Metabolite Concentrations (mGWAS): Relevance for Nephrology. <b>2018</b> , 38, 151-174	21
958	Prostate Cancer Disseminated Tumor Cells are Rarely Detected in the Bone Marrow of Patients with Localized Disease Undergoing Radical Prostatectomy across Multiple Rare Cell Detection Platforms. <b>2018</b> , 199, 1494-1501	17
957	CoA synthase regulates mitotic fidelity via CBP-mediated acetylation. <b>2018</b> , 9, 1039	22
956	Global quantitative analysis of the human brain proteome in Alzheimer's and Parkinson's Disease. <b>2018</b> , 5, 180036	103

955	Connective tissue growth factor (CTGF) from basics to clinics. <b>2018</b> , 68-69, 44-66	128
954	Specification of trophoblast from embryonic stem cells exposed to BMP4. <b>2018</b> , 99, 212-224	26
953	Single-Nucleotide Variations of the Human Nuclear Hormone Receptor Genes in 60,000 Individuals. <b>2018</b> , 2, 77-90	9
952	INSL5 activates multiple signalling pathways and regulates GLP-1 secretion in NCI-H716 cells. <b>2018</b> , 60, 213-224	9
951	Transcriptome-derived stromal and immune scores infer clinical outcomes of patients with cancer. <b>2018</b> , 15, 4351-4357	37
950	Microenvironment-Mediated Mechanisms of Resistance to HER2 Inhibitors Differ between HER2+ Breast Cancer Subtypes. <b>2018</b> , 6, 329-342.e6	36
949	The tubulin code in neuronal polarity. <b>2018</b> , 51, 95-102	33
948	Role of miR-452-5p in the tumorigenesis of prostate cancer: A study based on the Cancer Genome Atl(TCGA), Gene Expression Omnibus (GEO), and bioinformatics analysis. <b>2018</b> , 214, 732-749	24
947	STK24 expression is modulated by DNA copy number/methylation in lung adenocarcinoma and predicts poor survival. <b>2018</b> , 14, 2253-2263	8
946	A comprehensive catalog of predicted functional upstream open reading frames in humans. <b>2018</b> , 46, 3326-3338	40
945	Identification of CRKII, CFL1, CNTN1, NME2, and TKT as Novel and Frequent T-Cell Targets in Human IDH-Mutant Glioma. <b>2018</b> , 24, 2951-2962	21
944	Wharton's Jelly Mesenchymal Stromal Cells Support the Expansion of Cord Blood-derived CD34 Cells Mimicking a Hematopoietic Niche in a Direct Cell-cell Contact Culture System. <b>2018</b> , 27, 117-129	11
943	Glycosyltransferase genes that cause monogenic congenital disorders of glycosylation are distinct from glycosyltransferase genes associated with complex diseases. <b>2018</b> , 28, 284-294	28
942	Photoaging and skin cancer: Is the inflammasome the missing link?. <b>2018</b> , 172, 131-137	45
941	Cladribine treatment of multiple sclerosis is associated with depletion of memory B cells. <b>2018</b> , 265, 1199-1209	78
940	A toolbox of immunoprecipitation-grade monoclonal antibodies to human transcription factors. <b>2018</b> , 15, 330-338	37
939	STING dependent sensing - Does HIV actually care?. <b>2018</b> , 40, 68-76	7
938	Crystal structure of a SFPQ/PSPC1 heterodimer provides insights into preferential heterodimerization of human DBHS family proteins. <b>2018</b> , 293, 6593-6602	17

937	Immunolocalization of Musashi1 and Fibronectin Type III Domain Containing 3B in Water Buffalo Mammary Glands. <b>2018</b> , 88, 23-32	О
936	Expression and targeting of transcription factor ATF5 in dog gliomas. <b>2018</b> , 16, 102-107	9
935	Expression of a Novel Ciliary Protein, IIIG9, During the Differentiation and Maturation of Ependymal Cells. <b>2018</b> , 55, 1652-1664	6
934	Integrating genomic data from high-throughput studies with computational modeling reveals differences in the molecular basis of hyposalivation between type 1 and type 2 diabetes. <b>2018</b> , 22, 151-159	2
933	Comprehensive analysis of the numbers, lengths and amino acid compositions of transmembrane helices in prokaryotic, eukaryotic and viral integral membrane proteins of high-resolution structure. <b>2018</b> , 36, 443-464	11
932	Molecular classification of Crohn's disease reveals two clinically relevant subtypes. <b>2018</b> , 67, 36-42	60
931	An Organelle Correlation-Guided Feature Selection Approach for Classifying Multi-Label Subcellular Bio-Images. <b>2018</b> , 15, 828-838	4
930	U-CAN: a prospective longitudinal collection of biomaterials and clinical information from adult cancer patients in Sweden. <b>2018</b> , 57, 187-194	32
929	The functional roles of PML nuclear bodies in genome maintenance. <b>2018</b> , 809, 99-107	37
928	An atlas of bloodstream-accessible bone marrow proteins for site-directed therapy of acute myeloid leukemia. <b>2018</b> , 32, 510-519	6
927	Relevance of tissue specific subunit expression in channelopathies. <b>2018</b> , 132, 58-70	10
926	SEGtool: a specifically expressed gene detection tool and applications in human tissue and single-cell sequencing data. <b>2018</b> , 19, 1325-1336	13
925	SLC39A8 deficiency: biochemical correction and major clinical improvement by manganese therapy. <b>2018</b> , 20, 259-268	47
924	Ga-Pentixafor PET/CT Imaging of Chemokine Receptor CXCR4 in Chronic Infection of the Bone: First Insights. <b>2018</b> , 59, 320-326	18
923	Genetic Variants in HSD17B3, SMAD3, and IPO11 Impact Circulating Lipids in Response to Fenofibrate in Individuals With Type 2 Diabetes. <b>2018</b> , 103, 712-721	20
922	Microfluidics Engineering: Recent Trends, Valorization, and Applications. 2018, 43, 23-32	11
921	Evolutionary Cell Biology of Proteins from Protists to Humans and Plants. <b>2018</b> , 65, 255-289	4
920	Opposing roles of PGD in GBM. <b>2018</b> , 134, 66-76	8

919	Antibodies to receptors are associated with biomarkers of inflammation and myocardial damage in heart failure. <b>2018</b> , 250, 253-259	3
918	TissGDB: tissue-specific gene database in cancer. <b>2018</b> , 46, D1031-D1038	30
917	The online Tabloid Proteome: an annotated database of protein associations. 2018, 46, D581-D585	2
916	A brief review of single-cell transcriptomic technologies. <b>2018</b> , 17, 64-76	26
915	The DifferentialNet database of differential protein-protein interactions in human tissues. <b>2018</b> , 46, D522-D526	42
914	The RNA exosome and RNA exosome-linked disease. <b>2018</b> , 24, 127-142	68
913	Role of adaptor protein p66Shc in renal pathologies. <b>2018</b> , 314, F143-F153	18
912	TCSBN: a database of tissue and cancer specific biological networks. <b>2018</b> , 46, D595-D600	34
911	COMICS: Cartoon Visualization of Omics Data in Spatial Context Using Anatomical Ontologies. <b>2018</b> , 17, 739-744	1
910	Proenkephalin in Heart Failure. <b>2018</b> , 14, 1-11	15
910	Proenkephalin in Heart Failure. 2018, 14, 1-11  SalivaPRINT Toolkit - Protein profile evaluation and phenotype stratification. 2018, 171, 81-86	15
909	SalivaPRINT Toolkit - Protein profile evaluation and phenotype stratification. <b>2018</b> , 171, 81-86	1
909	SalivaPRINT Toolkit - Protein profile evaluation and phenotype stratification. <b>2018</b> , 171, 81-86  Chronic liver injury alters driver mutation profiles in hepatocellular carcinoma in mice. <b>2018</b> , 67, 924-939	1 24
909 908	SalivaPRINT Toolkit - Protein profile evaluation and phenotype stratification. 2018, 171, 81-86  Chronic liver injury alters driver mutation profiles in hepatocellular carcinoma in mice. 2018, 67, 924-939  What Can Mitochondrial DNA Analysis Tell Us About Mood Disorders?. 2018, 83, 731-738  A Molecularly Annotated Model of Patient-Derived Colon Cancer Stem-Like Cells to Assess Genetic	1 24 22
909 908 907 906	SalivaPRINT Toolkit - Protein profile evaluation and phenotype stratification. 2018, 171, 81-86  Chronic liver injury alters driver mutation profiles in hepatocellular carcinoma in mice. 2018, 67, 924-939  What Can Mitochondrial DNA Analysis Tell Us About Mood Disorders?. 2018, 83, 731-738  A Molecularly Annotated Model of Patient-Derived Colon Cancer Stem-Like Cells to Assess Genetic and Nongenetic Mechanisms of Resistance to Anti-EGFR Therapy. 2018, 24, 807-820	1 24 22 18
909 908 907 906	SalivaPRINT Toolkit - Protein profile evaluation and phenotype stratification. 2018, 171, 81-86  Chronic liver injury alters driver mutation profiles in hepatocellular carcinoma in mice. 2018, 67, 924-939  What Can Mitochondrial DNA Analysis Tell Us About Mood Disorders?. 2018, 83, 731-738  A Molecularly Annotated Model of Patient-Derived Colon Cancer Stem-Like Cells to Assess Genetic and Nongenetic Mechanisms of Resistance to Anti-EGFR Therapy. 2018, 24, 807-820  Peptide Bond Formations through Flow Chemistry. 2018, 91, 647-650  Temporal expression profiling of plasma proteins reveals oxidative stress in early stages of Type 1	1 24 22 18

## (2018-2018)

901	Streamlined System for Conducting In Vitro Studies Using Decellularized Kidney Scaffolds. <b>2018</b> , 24, 42-55	5
900	Immune evasion mechanisms of human papillomavirus: An update. <b>2018</b> , 142, 224-229	53
899	Horse hair follicles: A novel dermal stem cell source for equine regenerative medicine. <b>2018</b> , 93, 104-114	7
898	Optomechanical devices for deep plasma cancer proteomics. <b>2018</b> , 52, 26-38	23
897	TRPM5 in the battle against diabetes and obesity. <b>2018</b> , 222, e12949	21
896	High expression of INHBA is an adverse prognostic factor for de novo acute myeloid leukemia. <b>2018</b> , 59, 114-120	5
895	In situ protein detection with enhanced specificity using DNA-conjugated antibodies and proximity ligation. <b>2018</b> , 31, 253-263	11
894	The human protein atlas: A spatial map of the human proteome. <b>2018</b> , 27, 233-244	323
893	miR-217-5p induces apoptosis by directly targeting PRKCI, BAG3, ITGAV and MAPK1 in colorectal cancer cells. <b>2018</b> , 12, 451-466	35
892	Coactosin-like protein CLP/Cotl1 suppresses breast cancer growth through activation of IL-24/PERP and inhibition of non-canonical TGFIsignaling. <b>2018</b> , 37, 323-331	14
891	Using Public Data for Comparative Proteome Analysis in Precision Medicine Programs. <b>2018</b> , 12, 1600179	1
890	Label-free quantitative proteomic analysis of drought stress-responsive late embryogenesis abundant proteins in the seedling leaves of two wheat (Triticum aestivum L.) genotypes. <b>2018</b> , 172, 122-142	25
889	Proteomic composition of Nipah virus-like particles. <b>2018</b> , 172, 190-200	12
888	Optimization of IL13R <sup>1</sup> 2-Targeted Chimeric Antigen Receptor T Cells for Improved Anti-tumor Efficacy against Glioblastoma. <b>2018</b> , 26, 31-44	126
887	GPR68, a proton-sensing GPCR, mediates interaction of cancer-associated fibroblasts and cancer cells. <b>2018</b> , 32, 1170-1183	47
886	A hypermorphic antioxidant response element is associated with increased MS4A6A expression and Alzheimer's disease. <b>2018</b> , 14, 686-693	13
885	Genome-Wide MicroRNA Analysis Implicates miR-30b/d in the Etiology of Alopecia Areata. <b>2018</b> , 138, 549-556	13
884	Integrative single-cell analysis of transcriptional and epigenetic states in the human adult brain. <b>2018</b> , 36, 70-80	433

883	Whole length myosin binding protein C stabilizes myosin S2 as measured by gravitational force spectroscopy. <b>2018</b> , 638, 41-51	5
882	The landscape of miRNA editing in animals and its impact on miRNA biogenesis and targeting. <b>2018</b> , 28, 132-143	52
881	Transcription Factor Activities Enhance Markers of Drug Sensitivity in Cancer. 2018, 78, 769-780	87
880	PPARŒlicits Ligand-Independent Repression of Trefoil Factor Family to Limit Prostate Cancer Growth. <b>2018</b> , 78, 399-409	15
879	Transduction Methods for Cytosolic Delivery of Proteins and Bioconjugates into Living Cells. <b>2018</b> , 7, e1701040	22
878	Glycerophosphodiesterase GDE2/GDPD5 affects pancreas differentiation in zebrafish. <b>2018</b> , 94, 71-78	5
877	Evolutionary rate heterogeneity between multi- and single-interface hubs across human housekeeping and tissue-specific protein interaction network: Insights from proteins' and its partners' properties. <b>2018</b> , 110, 283-290	3
876	Distribution and function of the muscarinic receptor subtypes in the cardiovascular system. <b>2018</b> , 50, 1-9	37
875	Extremely low level of serum pigment epithelium-derived factor is a special biomarker of Chinese osteogenesis imperfecta patients with SERPINF1 mutations. <b>2018</b> , 478, 216-221	2
874	Coatomer subunit beta 2 (COPB2), identified by label-free quantitative proteomics, regulates cell proliferation and apoptosis in human prostate carcinoma cells. <b>2018</b> , 495, 473-480	12
873	Quantitative proteomic analysis of deciduous molars during cap to bell transition in miniature pig. <b>2018</b> , 172, 57-67	6
872	Stk33 is required for spermatid differentiation and male fertility in mice. <b>2018</b> , 433, 84-93	8
871	Pathways of cellular proteostasis in aging and disease. <b>2018</b> , 217, 51-63	367
870	Genome-Scale Modeling of NADPH-Driven Lapachone Sensitization in Head and Neck Squamous Cell Carcinoma. <b>2018</b> , 29, 937-952	13
869	Blood and nasal epigenetics correlate with allergic rhinitis symptom development in the environmental exposure unit. <b>2018</b> , 73, 196-205	30
868	La rponse rfiale aux variations de luricfinie est difffente chez les patients goutteux comparativement aux sujets sains. <b>2018</b> , 85, 79-84	
867	IMOTA: an interactive multi-omics tissue atlas for the analysis of human miRNA-target interactions. <b>2018</b> , 46, D770-D775	15
866	Claudin-4 Expression is Associated With Survival in Ovarian Cancer But Not With Chemotherapy Response. <b>2018</b> , 37, 101-109	16

865 Emerging role of FGF receptors in papillomavirus replication. **2018**, 13, 761-764

864	Regulation of Microbiota by Vitamin D Receptor: A Nuclear Weapon in Metabolic Diseases. <b>2018</b> , 5,	26
863	Cooperation between ETS variant 2 and Jumonji domain-containing 2 histone demethylases. <b>2018</b> , 17, 5518-5527	8
862	Heart failure in cancer: role of checkpoint inhibitors. <b>2018</b> , 10, S4323-S4334	11
861	GOnet: a tool for interactive Gene Ontology analysis. <b>2018</b> , 19, 470	87
860	Tissue-Based Mapping of the Fathead Minnow () Transcriptome and Proteome. <b>2018</b> , 9, 611	4
859	Borders of -Regulatory DNA Sequences Preferentially Harbor the Divergent Transcription Factor Binding Motifs in the Human Genome. <b>2018</b> , 9, 571	3
858	Complementing preclinical safety assessments through genomic analyses. <b>2018</b> , 11-12, 59-66	
857	Supervised Classification of Metabolic Networks. 2018,	8
856	Inflammation: A key process in skin tumorigenesis. <b>2019</b> , 17, 4068-4084	50
855	The Importance of Biologic Knowledge and Gene Expression Context for Genomic Data Interpretation. <b>2018</b> , 9, 670	5
854	Inhibition of CD9 expression reduces the metastatic capacity of human hepatocellular carcinoma cell line MHCC97-H. <b>2018</b> , 53, 266-274	7
853	miR-675 promotes colorectal cancer cell growth dependent on tumor suppressor DMTF1. <b>2019</b> , 19, 1481-149	90 12
852	Calmodulinopathy: A Novel, Life-Threatening Clinical Entity Affecting the Young. 2018, 5, 175	15
851	NFIX downregulation independently predicts poor prognosis in lung adenocarcinoma, but not in squamous cell carcinoma. <b>2018</b> , 14, 3135-3144	7
850	The Role of Cystinosin in the Intermediary Thiol Metabolism and Redox Homeostasis in Kidney Proximal Tubular Cells. <b>2018</b> , 7,	6
849	The Prospects of Cadherin-23 as a Mediator of Homophilic Cell-Cell Adhesion. <b>2018</b> , 1112, 99-105	3
848	Transcriptomics in pain research: insights from new and old technologies. <b>2018</b> , 14, 389-404	13

847	The development of a GPR44 targeting radioligand [C]AZ12204657 for in vivo assessment of beta cell mass. <b>2018</b> , 8, 113	9
846	Mechanoregulation and pathology of YAP/TAZ via Hippo and non-Hippo mechanisms. 2018, 7, 23	73
845	A Gene Family-led Meta-Analysis of Drug-Target Interactions. 2018,	1
844	Study on correlations between expressions of different biomolecule pairs to understand effect of molecular crowding in biogenesis of circular RNA. <b>2018</b> ,	
843	Geometric characterisation of disease modules. <b>2018</b> , 3, 10	5
842	Cystic fibrosis-related diabetes is caused by islet loss and inflammation. <b>2018</b> , 3,	75
841	Terminal nucleotidyl transferases (TENTs) in mammalian RNA metabolism. 2018, 373,	29
840	Human DREF/ZBED1 is a nuclear protein widely expressed in multiple cell types derived from all three primary germ layers. <b>2018</b> , 13, e0205461	3
839	UFLC-Derived CSF Extracellular Vesicle Origin and Proteome. <b>2018</b> , 18, e1800257	18
838	Effect of equiaxial cyclic strain on cardiomyogenic induction in mesenchymal stem cells. <b>2018</b> , 7, 279-288	0
837	Identification of Core Biomarkers Associated with Outcome in Glioma: Evidence from Bioinformatics Analysis. <b>2018</b> , 2018, 3215958	12
836	Exploring Seipin: From Biochemistry to Bioinformatics Predictions. <b>2018</b> , 2018, 5207608	13
835	A Computational Method for Classifying Different Human Tissues with Quantitatively Tissue-Specific Expressed Genes. <b>2018</b> , 9,	9
834	Identifying a Novel Biomarker of Clear Cell Renal Cell Carcinoma (ccRCC) Associated with Smoking by Co-Expression Network Analysis. <b>2018</b> , 9, 3912-3922	15
833	From Single Level Analysis to Multi-Omics Integrative Approaches: A Powerful Strategy towards the Precision Oncology. <b>2018</b> , 7,	27
832	Antiviral activity of the mineralocorticoid receptor NR3C2 against Herpes simplex virus Type 1 (HSV-1) infection. <b>2018</b> , 8, 15876	4
831	Gene expression profile of muscle adaptation to high-intensity intermittent exercise training in young men. <b>2018</b> , 8, 16811	27
830	funcExplorer: a tool for fast data-driven functional characterisation of high-throughput expression data. <b>2018</b> , 19, 817	3

## (2018-2018)

829	Reduced Cytosolic Calcium as an Early Decisive Cellular State in Parkinson's Disease and Synucleinopathies. <b>2018</b> , 12, 819	10
828	Diabetes in Pregnancy and MicroRNAs: Promises and Limitations in Their Clinical Application. <b>2018</b> , 4,	11
827	Systemic neurotransmitter responses to clinically approved and experimental neuropsychiatric drugs. <b>2018</b> , 9, 4699	7
826	Frailty Index associates with GRIN2B in two representative samples from the United States and the United Kingdom. <b>2018</b> , 13, e0207824	4
825	Identification of RPL5 and RPL10 as novel diagnostic biomarkers of Atypical teratoid/rhabdoid tumors. <b>2018</b> , 18, 190	6
824	Pooled extracellular receptor-ligand interaction screening using CRISPR activation. 2018, 19, 205	22
823	Bone marrow-derived fibroblasts are a functionally distinct stromal cell population in breast cancer. <b>2018</b> , 215, 3075-3093	125
822	Integration of transcriptome and proteome profiles in glioblastoma: looking for the missing link. <b>2018</b> , 19, 13	14
821	Chronic traumatic encephalopathy: fluid biomarkers. <b>2018</b> , 158, 323-333	9
820	miRNA Mediated Noise Making of 3'UTR Mutations in Cancer. <b>2018</b> , 9,	5
820 819	miRNA Mediated Noise Making of 3'UTR Mutations in Cancer. <b>2018</b> , 9,  Methylation-Based Classification of Cervical Squamous Cell Carcinoma into Two New Subclasses Differing in Immune-Related Gene Expression. <b>2018</b> , 19,	3
	Methylation-Based Classification of Cervical Squamous Cell Carcinoma into Two New Subclasses	
819	Methylation-Based Classification of Cervical Squamous Cell Carcinoma into Two New Subclasses Differing in Immune-Related Gene Expression. <b>2018</b> , 19,  Transcriptome Landscape of Human Folliculogenesis Reveals Oocyte and Granulosa Cell	3
819 818	Methylation-Based Classification of Cervical Squamous Cell Carcinoma into Two New Subclasses Differing in Immune-Related Gene Expression. <b>2018</b> , 19,  Transcriptome Landscape of Human Folliculogenesis Reveals Oocyte and Granulosa Cell Interactions. <b>2018</b> , 72, 1021-1034.e4	3 116
819 818 817	Methylation-Based Classification of Cervical Squamous Cell Carcinoma into Two New Subclasses Differing in Immune-Related Gene Expression. 2018, 19,  Transcriptome Landscape of Human Folliculogenesis Reveals Oocyte and Granulosa Cell Interactions. 2018, 72, 1021-1034.e4  Protocadherin-1 is essential for cell entry by New World hantaviruses. 2018, 563, 559-563	3 116 49
819 818 817 816	Methylation-Based Classification of Cervical Squamous Cell Carcinoma into Two New Subclasses Differing in Immune-Related Gene Expression. 2018, 19,  Transcriptome Landscape of Human Folliculogenesis Reveals Oocyte and Granulosa Cell Interactions. 2018, 72, 1021-1034.e4  Protocadherin-1 is essential for cell entry by New World hantaviruses. 2018, 563, 559-563  Toward Large-Scale Computational Prediction of Protein Complexes. 2018, 1819, 271-295  Large-Scale Modeling Approach Reveals Functional Metabolic Shifts during Hepatic Differentiation.	3 116 49
819 818 817 816 815	Methylation-Based Classification of Cervical Squamous Cell Carcinoma into Two New Subclasses Differing in Immune-Related Gene Expression. 2018, 19,  Transcriptome Landscape of Human Folliculogenesis Reveals Oocyte and Granulosa Cell Interactions. 2018, 72, 1021-1034.e4  Protocadherin-1 is essential for cell entry by New World hantaviruses. 2018, 563, 559-563  Toward Large-Scale Computational Prediction of Protein Complexes. 2018, 1819, 271-295  Large-Scale Modeling Approach Reveals Functional Metabolic Shifts during Hepatic Differentiation. 2019, 18, 204-216	3 116 49 2

811	Bi-allelic POLR3A Loss-of-Function Variants Cause Autosomal-Recessive Wiedemann-Rautenstrauch Syndrome. <b>2018</b> , 103, 968-975	28
810	Systematic interrogation of diverse Omic data reveals interpretable, robust, and generalizable transcriptomic features of clinically successful therapeutic targets. <b>2018</b> , 14, e1006142	11
809	Cancer Connectors: Connexins, Gap Junctions, and Communication. <b>2018</b> , 8, 646	33
808	A potential common role of the Jumonji C domain-containing 1A histone demethylase and chromatin remodeler ATRX in promoting colon cancer. <b>2018</b> , 16, 6652-6662	8
807	Six novel susceptibility loci for coronary artery disease and cerebral infarction identified by longitudinal exome-wide association studies in a Japanese population. <b>2018</b> , 9, 123-134	4
806	Leveraging Multilayered "Omics" Data for Atopic Dermatitis: A Road Map to Precision Medicine. <b>2018</b> , 9, 2727	48
805	From Hyper- to Hypoinsulinemia and Diabetes: Effect of KCNH6 on Insulin Secretion. <b>2018</b> , 25, 3800-3810.e6	16
804	Mitoproteomics: Tackling Mitochondrial Dysfunction in Human Disease. <b>2018</b> , 2018, 1435934	13
803	Prolonged survival of renal cancer patients is concomitant with a higher regucalcin gene expression in tumor tissues: Overexpression of regucalcin suppresses the growth of human renal cell carcinoma cells in vitro. <b>2019</b> , 54, 188-198	5
802	Need for high-resolution Genetic Analysis in iPSC: Results and Lessons from the ForIPS Consortium. <b>2018</b> , 8, 17201	35
801	Proteomic Analysis of the Human Anterior Pituitary Gland. <b>2018</b> , 22, 759-769	8
800	Cell Hashing with barcoded antibodies enables multiplexing and doublet detection for single cell genomics. <b>2018</b> , 19, 224	307
799	NAD Metabolome Analysis in Human Cells Using LH NMR Spectroscopy. <b>2018</b> , 19,	12
798	Art v 4 Protein Structure as a Representative Template for Allergen Profilins: Homology Modeling and Molecular Dynamics. <b>2018</b> , 3, 17254-17260	5
797	Diagnosing rare diseases after the exome. <b>2018</b> , 4,	26
796	Genome-wide meta-analysis implicates mediators of hair follicle development and morphogenesis in risk for severe acne. <b>2018</b> , 9, 5075	18
795	Analysis of 3D genomic interactions identifies candidate host genes that transposable elements potentially regulate. <b>2018</b> , 19, 216	21
794	2C-BioID: An Advanced Two Component BioID System for Precision Mapping of Protein Interactomes. <b>2018</b> , 10, 40-52	23

Comparative transcriptomics identifies genes differentially expressed in the intestine of a new 793 fast-growing strain of common carp with higher unsaturated fatty acid content in muscle. **2018**, 13, e0206615  $^{5}$ Synergistic enzymatic and bioorthogonal reactions for selective prodrug activation in living 792 93 systems. 2018, 9, 5032 RNA Expression Was an Independent Unfavorable Prognostic Indicator in Lung Adenocarcinoma, 791 9 but Not in Lung Squamous Cell Carcinoma. 2018, 2018, 4108919 Quantitative Imaging of Tumor-Associated Macrophages and Their Response to Therapy Using 83 790 Cu-Labeled Macrin. 2018, 12, 12015-12029 Spatially and functionally distinct subclasses of breast cancer-associated fibroblasts revealed by 789 271 single cell RNA sequencing. 2018, 9, 5150 TRAPPC11 and GOSR2 mutations associate with hypoglycosylation of Edystroglycan and muscular 788 29 dystrophy. 2018, 8, 17 Molecular characterization and biomarker identification in colorectal cancer: Toward realization of 787 12 the precision medicine dream. **2018**, 10, 5895-5908 786 Integrated proteogenomic characterization of medullary thyroid carcinoma. 2022, 8, MAPK8IP2 is a potential prognostic biomarker and promote tumor progression in prostate cancer. 785 О 2022, 22, 784 Integrated bioinformatics-based identification of diagnostic markers in Alzheimer disease. 14, 1 Salivary inflammatory biomarkers are predictive of mild cognitive impairment and Alzheimer 783 O disease in a feasibility study. 14, PRMT5 links lipid metabolism to contractile function of skeletal muscles. 782  $\circ$ A novel focal adhesion-related risk model predicts prognosis of bladder cancer la bioinformatic 781 O study based on TCGA and GEO database. 2022, 22, Intracellular calcium homeostasis and its dysregulation underlying epileptic seizures. 2022, 780 Integrated multi-omics analysis identifies CD73 as a prognostic biomarker and immunotherapy 1 779 response predictor in head and neck squamous cell carcinoma. 13, 778 Prognostic value of PNN in prostate cancer and its correlation with therapeutic significance. 13, Immunoregulatory effects of RGMb in gut inflammation. 13, 777 O MCM4 is a novel prognostic biomarker and promotes cancer cell growth in glioma. 12, 776

775	Bioinformatics tools and data resources for assay development of fluid protein biomarkers. <b>2022</b> , 10,	O
774	Immune and spermatogenesis-related loci are involved in the development of extreme patterns of male infertility. <b>2022</b> , 5,	О
773	Gene mutations in comorbidity of epilepsy and arrhythmia.	0
77 <sup>2</sup>	Co-Expression of Adaptor Protein FAM159B with Different Markers for Neuroendocrine Cells: An Immunocytochemical and Immunohistochemical Study. <b>2022</b> , 23, 13503	O
771	T cell-inflamed gene expression profile is associated with favorable disease-specific survival in non-hypermutated microsatellite-stable colorectal cancer patients.	0
770	Regulatory role of atrial natriuretic peptide in brown adipose tissue: A narrative review.	0
769	OCA7 is a melanosome membrane protein that defines pigmentation by regulating early stages of melanosome biogenesis. <b>2022</b> , 102669	0
768	Overlapping pathogenic de novo CNVs in neurodevelopmental disorders and congenital anomalies impacting constraint genes regulating early development.	О
767	A microbial transporter of the dietary antioxidant ergothioneine. 2022,	2
766	Cluster Analysis Identified Clinically Relevant Metabolic Syndrome Endophenotypes.	o
765	P66Shc (Shc1) Zebrafish Mutant Line as a Platform for Testing Decreased Reactive Oxygen Species in Pathology. <b>2022</b> , 9, 385	O
764	Synaptotagmin-like protein 1 is a potential diagnostic and prognostic biomarker in endometrial cancer based on bioinformatics and experiments.	0
763	A novel cuproptosis-related gene signature of prognosis and immune microenvironment in head and neck squamous cell carcinoma cancer.	0
762	Identification of novel kinases of Tau using fluorescence complementation mass spectrometry (FCMS)*. <b>2022</b> , 100441	o
761	In silico analysis of the potential role of SRY gene in Parkinson⊠ disease.	O
760	Stk10 Deficiency in Mice Promotes Tumor Growth by Dysregulating the Tumor Microenvironment. <b>2022</b> , 11, 1668	0
759	Mechanistic investigation of human maturation of Okazaki fragments reveals slow kinetics. <b>2022</b> , 13,	0
758	Rho GTPase-activating protein 17 (ARHGAP17) as additional autoimmune target in ARHGAP26-IgG/anti-Ca autoantibody-associated autoimmune encephalitis.	0

757	Evaluation of the presence of SARS-CoV-2 in vaginal and anal swabs of women with omicron variants of SARS-CoV-2 infection. 13,	O
756	Comprehensive analysis of the potential role and prognostic value of sine oculis homeobox homolog family in colorectal cancer. 14, 2138-2156	O
755	Architecture of the outbred brown fat proteome defines regulators of metabolic physiology. 2022,	1
754	Disruption of mitochondrial bioenergetics, calcium retention capacity and cell viability caused by D-2-hydroxyglutaric acid in the heart. <b>2022</b> ,	O
753	Onychomadesis and palmoplantar keratoderma associated with talquetamab therapy for relapsed and refractory multiple myeloma. <b>2022</b> ,	0
75 <sup>2</sup>	In vivo partial reprogramming by bacteria promotes adult liver organ growth without fibrosis and tumorigenesis. <b>2022</b> , 3, 100820	0
751	Fully automated virtual screening pipeline of FDA-approved drugs using CaverWeb. 2022,	0
750	CARARIME: Interactive web server for comprehensive analysis of renal allograft rejection in immune microenvironment. 13,	O
749	Comprehensive Analysis of PHGDH for Predicting Prognosis and Immunotherapy Response in Patients with Endometrial Carcinoma.	0
748	Ferroptosis-related ACSL3 and ACTC1 predict metastasis free survival for prostate cancer patients unfergoing radical radiotherapy.	O
747	Cellular and computational models reveal environmental and metabolic interactions in MMUT -type methylmalonic aciduria.	O
746	Conservation and Diversification of tRNA t6A-Modifying Enzymes across the Three Domains of Life. <b>2022</b> , 23, 13600	2
745	Identification of unusual oxysterols biosynthesised in human pregnancy by charge-tagging and liquid chromatography - mass spectrometry. 13,	0
744	Identification of potential blood biomarkers for early diagnosis of Alzheimer disease through immune landscape analysis. 2022, 8,	O
743	Integrative network analysis interweaves the missing links in cardiomyopathy diseasome. 2022, 12,	О
742	FABP5 controls macrophage alternative activation and allergic asthma by selectively programming long-chain unsaturated fatty acid metabolism. <b>2022</b> , 41, 111668	O
741	Integrative multiomics evaluation reveals the importance of pseudouridine synthases in hepatocellular carcinoma. 13,	О
740	Dusp6 deficiency attenuates neutrophil-mediated cardiac damage in the acute inflammatory phase of myocardial infarction. <b>2022</b> , 13,	O

739	Tissue Proteogenomic Landscape Reveals the Role of Uncharacterized SEL1L3 in Progression and Immunotherapy Response in Lung Adenocarcinoma.	О
738	CYP2C18: the orphan in the CYP2C family. <b>2022</b> , 23, 913-916	O
737	Circulating levels of tissue inhibitor of metalloproteinase (TIMP)-3, a protein with inhibitory effects on angiogenesis, are increased in pre-eclampsia.	1
736	Lung Cell Atlases in Health and Disease. <b>2023</b> , 85,	O
735	High-Throughput Analysis Reveals miRNA Upregulating 臣,6-Sialic Acid through Direct miRNA卧RNA Interactions.	2
734	Beyond appetite: Acylated ghrelin as a learning, memory and fear behavior-modulating hormone. <b>2022</b> , 143, 104952	Ο
733	Beyond Inhibition. <b>2022</b> , 491-517	Ο
732	Disruption of RBMS3 suppresses PD-L1 and enhances antitumor immune activities and therapeutic effects of auranofin against triple-negative breast cancer. <b>2022</b> , 110260	1
73 <sup>1</sup>	Role of Chemerin in Cardiovascular Diseases. <b>2022</b> , 10, 2970	2
730	A Novel Immune-Related Gene Prognostic Index (IRGPI) in Pancreatic Adenocarcinoma (PAAD) and Its Implications in the Tumor Microenvironment. <b>2022</b> , 14, 5652	O
729	Dietary fibre controls blood pressure and cardiovascular risk by lowering large intestinal pH and activating the proton-sensing receptor GPR65.	0
728	Radiosynthesis, Preclinical, and Clinical Positron Emission Tomography Studies of Carbon-11 Labeled Endogenous and Natural Exogenous Compounds.	2
727	Characterizing the landscape of gene expression variance in humans.	0
726	DLGAP4 acts as an effective prognostic predictor for hepatocellular carcinoma and is closely related to tumour progression. <b>2022</b> , 12,	O
7 <sup>2</sup> 5	Histone H2A monoubiquitination in the thalamus regulates cocaine effects and addiction risk.	О
724	Endothelial LRP1-ICD Accelerates Cognition-Associated Alpha-Synuclein Pathology and Neurodegeneration through PARP1 Activation in a Mouse Model of Parkinson Disease.	O
723	Development and validation of a novel model for predicting the survival of bladder cancer based on ferroptosis-related genes.	0
722	Mechanisms of Male Reproductive Toxicity of Polybrominated Diphenyl Ethers. <b>2022</b> , 23, 14229	2

721	Enrichment patterns of intrinsic disorder in proteins.	Ο
720	Novel, heterozygous, pathogenic variant (c.4272delA: p.I1426Ffs*2) for the NF1 gene in a large Chinese family with neurofibromatosis type 1.	O
719	The injury-induced transcription factor SOX9 alters the expression of LBR, HMGA2, and HIPK3 in the human kidney. <b>2023</b> , 324, F75-F90	0
718	Identification of KCNK1 as a potential prognostic biomarker and therapeutic target of breast cancer. <b>2023</b> , 241, 154286	O
717	PGRMC1: An enigmatic heme-binding protein. <b>2023</b> , 241, 108326	1
716	Extracellular matrix-based sticky sealants for scar-free corneal tissue reconstruction. <b>2023</b> , 292, 121941	1
715	Pharmacology of orange-spotted grouper (Epinephelus coioides) melanocortin-5 receptor and its modulation by Mrap2. <b>2023</b> , 332, 114180	0
714	Proteomic analysis of brain metastatic lung adenocarcinoma reveals intertumoral heterogeneity and specific alterations associated with the timing of brain metastases. <b>2023</b> , 8, 100741	1
713	In silico transcriptional analysis of asymptomatic and severe COVID-19 patients reveals the susceptibility of severe patients to other comorbidities and non-viral pathological conditions. <b>2023</b> , 35, 201135	0
712	The impact of fasting on adipose tissue metabolism. <b>2023</b> , 1868, 159262	0
711	Neuronal expression of ndst3 in early zebrafish development is responsive to Wnt signaling manipulation. <b>2023</b> , 47, 119300	0
710	Mixed lineage kinase domain-like pseudokinase: Conventional (necroptosis) and unconventional (necroptosis-independent) functions and features. <b>2022</b> ,	O
709	OAF: a new member of the BRICHOS family. <b>2022</b> , 2,	0
708	Organism-wide secretome mapping uncovers pathways of tissue crosstalk in exercise.	0
707	Spatial transcriptomics of T and B cell receptors uncovers lymphocyte clonal dynamics in human tissue.	0
706	IL-17C is a driver of damaging inflammation duringNeisseria gonorrhoeaeinfection of human Fallopian tube.	O
705	Expanding large-scale mechanistic models with machine learned associations and big datasets.	О
704	PScL-2LSAESM: bioimage-based prediction of protein subcellular localization by integrating heterogeneous features with the two-level SAE-SM and mean ensemble method.	O

703	C-subfamily ATP Binding Cassette Transporters Extrude the Calcium Fluorescent Probe Fluo-4 from a Cone Photoreceptor Cell Line.	0
702	Comprehensive Analysis of Potential Prognostic Values of ANGPTLs in Colorectal Cancer. <b>2022</b> , 13, 2215	O
701	Genetic variation in mouse islet Ca2+oscillations reveals novel regulators of islet function.	0
700	The integration of large-scale public data and network analysis uncovers molecular characteristics of psoriasis. <b>2022</b> , 16,	O
699	A pan-cancer analysis of the oncogenic role of ribonucleotide reductase subunit M2 in human tumors. 10, e14432	0
698	Genome-wide association study of placental weight in 179,025 children and parents reveals distinct and shared genetic influences between placental and fetal growth.	O
697	A Cell-Surface Autoantibody Targets Zinc Transporter-8 (ZnT8) for in vivo ECell Imaging and Islet-Specific Therapies.	0
696	Simultaneous solving high-resolution structures of various enzymes from human kidney microsomes. <b>2023</b> , 6, e202201580	О
695	Club Cell Secretory Protein in Lung Disease: Emerging Concepts and Potential Therapeutics. <b>2023</b> , 74,	1
694	Activation of orphan receptor GPR132 induces cell differentiation in acute myeloid leukemia. <b>2022</b> , 13,	О
693	Outcomes Stratification of Head and Neck Cancer Using Pre- and Posttreatment DNA Methylation From Peripheral Blood. <b>2022</b> ,	0
692	A Novel High-Throughput Screening Method for a Human Multicentric Osteosarcoma-Specific Antibody and Biomarker Using a Phage Display-Derived Monoclonal Antibody. <b>2022</b> , 14, 5829	О
691	A first-in-class Wiskott-Aldrich syndrome protein (WASp) activator with anti-tumor activity in hematological cancers.	0
690	Physiology of the tongue with emphasis on taste transduction.	1
689	Gene essentiality in cancer cell lines is modified by the sex chromosomes.	0
688	Multiplexed selectivity screening of anti-GPCR antibodies.	О
687	The Analysis of Relevant Gene Networks Based on Driver Genes in Breast Cancer. <b>2022</b> , 12, 2882	0
686	Identification of Key Pathways and Genes Downstream of Insulin-Like Growth Factor 1 in Thyroid Carcinoma. <b>2022</b> , 26, 522-531	О

685	Differential effects of familial Alzheimer disease-causing mutations on amyloid precursor protein (APP) trafficking, proteolytic conversion, and synaptogenic activity.	O
684	Identification and validation of a prognostic risk-scoring model based on sphingolipid metabolism-associated cluster in colon adenocarcinoma. 13,	O
683	Immunohistochemistry for acetylcholinesterase and butyrylcholinesterase in the dorsal motor nucleus of the vagus (DMNV) of formalin-fixed, paraffin-embedded tissue: comparison with reported literature.	0
682	Irrespective of Plaque Activity, Multiple Sclerosis Brain Periplaques Exhibit Alterations of Myelin Genes and a TGF-Beta Signature. <b>2022</b> , 23, 14993	O
681	A Novel Inflammatory Response-Related Gene Signature Predicts Immune Status and Prognosis of Breast Cancer. <b>2022</b> , 2022, 1-16	О
680	Current Challenges in Small Molecule Proximity-Inducing Compound Development for Targeted Protein Degradation Using the Ubiquitin Proteasomal System. <b>2022</b> , 27, 8119	O
679	DPP6 and MFAP5 are associated with immune infiltration as diagnostic biomarkers in distinguishing uterine leiomyosarcoma from leiomyoma. 12,	0
678	ARH Family of ADP-Ribose-Acceptor Hydrolases. <b>2022</b> , 11, 3853	О
677	Uncharacterized protein c17orf80: a novel interactor of human mitochondrial nucleoids.	О
676	Multi-omics analysis of renal clear cell carcinoma progression.	0
675	Mix-and-extrude using 3D printed nozzles for time-resolved membrane protein crystallography.	О
6 <sub>75</sub>	Mix-and-extrude using 3D printed nozzles for time-resolved membrane protein crystallography.  Overcoming on-target, off-tumour toxicity of CAR T cell therapy for solid tumours. 2023, 20, 49-62	0
, ,		
674	Overcoming on-target, off-tumour toxicity of CAR T cell therapy for solid tumours. <b>2023</b> , 20, 49-62  Association between high-dose methotrexate-induced toxicity and polymorphisms within	1
674	Overcoming on-target, off-tumour toxicity of CAR T cell therapy for solid tumours. 2023, 20, 49-62  Association between high-dose methotrexate-induced toxicity and polymorphisms within methotrexate pathway genes in acute lymphoblastic leukemia. 13,  IL1RN and PRRX1 as a Prognostic Biomarker Correlated with Immune Infiltrates in Colorectal	0
674 673	Overcoming on-target, off-tumour toxicity of CAR T cell therapy for solid tumours. 2023, 20, 49-62  Association between high-dose methotrexate-induced toxicity and polymorphisms within methotrexate pathway genes in acute lymphoblastic leukemia. 13,  IL1RN and PRRX1 as a Prognostic Biomarker Correlated with Immune Infiltrates in Colorectal Cancer: Evidence from Bioinformatic Analysis. 2022, 2022, 1-24  SLC2As as diagnostic markers and therapeutic targets in LUAD patients through bioinformatic	0
674 673 672 671	Overcoming on-target, off-tumour toxicity of CAR T cell therapy for solid tumours. 2023, 20, 49-62  Association between high-dose methotrexate-induced toxicity and polymorphisms within methotrexate pathway genes in acute lymphoblastic leukemia. 13,  IL1RN and PRRX1 as a Prognostic Biomarker Correlated with Immune Infiltrates in Colorectal Cancer: Evidence from Bioinformatic Analysis. 2022, 2022, 1-24  SLC2As as diagnostic markers and therapeutic targets in LUAD patients through bioinformatic analysis. 13,  Suppression of Calcium Entry Modulates the Expression of TRII and Runx2 in Thyroid Cancer Cells, Two Transcription Factors That Regulate Invasion, Proliferation and Thyroid-Specific Protein Levels.	1 0 0

667	Whole-exome sequencing identifies novel protein-altering variants associated with serum apolipoprotein and lipid concentrations. <b>2022</b> , 14,	O
666	Comprehensive Transcriptomic Analysis of VISTA in Acute Myeloid Leukemia: Insights into Its Prognostic Value. <b>2022</b> , 23, 14885	O
665	Cancer-associated fibroblast-related gene signatures predict survival and drug response in patients with colorectal cancer. 13,	O
664	Selective serotonin reuptake inhibitors: New hope in the fight against COVID-19. 13,	O
663	A cryo-electron microscopic approach to elucidate protein structures from human brain microsomes. <b>2023</b> , 6, e202201724	O
662	Glucose modulates transcription factor dimerization to enable tissue differentiation.	O
661	Robust and High-Throughput Analytical Flow Proteomics Analysis of Cynomolgus Monkey and Human Matrices with Zeno SWATH Data Independent Acquisition.	O
660	CiliaMiner: an integrated database for Ciliopathy Genes and Ciliopathies.	O
659	Cell polarity signaling in the regulation of syncytiotrophoblast homeostasis and inflammatory response. <b>2022</b> ,	O
658	Integration of genome-scale data identifies candidate sleep regulators.	O
657	Histone H2Bub1 dynamics in the 5' region of active genes are tightly linked to the UV-induced transcriptional response. <b>2022</b> ,	O
656	Pan-cancer illumination of TRIM gene family reveals immunology regulation and potential therapeutic implications. <b>2022</b> , 16,	O
655	COMMD3 loss drives invasive breast cancer growth by modulating copper homeostasis.	0
654	K27M in canonical and noncanonical H3 variants occurs in distinct oligodendroglial cell lineages in brain midline gliomas. <b>2022</b> , 54, 1865-1880	O
653	Advances in Antibody-Drug Conjugates in the Treatment of HER2-Positive Breast Cancer. Volume 14, 417-432	O
652	Dissecting the role of CSF2RB expression in human regulatory T cells. 13,	O
651	A pan-cancer analysis of the oncogenic role of zinc finger protein 419 in human cancer. 12,	O
650	Pharmacogenetics of CYP2A6, CYP2B6, and UGT2B7 in the Context of HIV Treatments in African Populations. <b>2022</b> , 12, 2013	O

649	Robust and rigorous identification of tissue-specific genes by statistically extending tau score. <b>2022</b> , 15,	O
648	Early enforcement of cell identity by a functional component of the terminally differentiated state. <b>2022</b> , 20, e3001900	Ο
647	Improving Protein Subcellular Localization Prediction with Structural Prediction & Samp; Graph Neural Networks.	O
646	AtlasGrabber: a software facilitating the high throughput analysis of the human protein atlas online database. <b>2022</b> , 23,	Ο
645	Protein-based salivary biomarkers for the diagnosis of periodontal diseases: Systematic review and meta-analysis. <b>2022</b> ,	Ο
644	Codon language embeddings provide strong signals for protein engineering.	Ο
643	Human septins organize as octamer-based filaments and mediate actin-membrane anchoring in cells. <b>2023</b> , 222,	2
642	Gba1 deletion causes immune hyperactivation and microbial dysbiosis through autophagic defects.	O
641	Circulating adipose tissue proteins involved in atrial fibrillation: an explorative scoping review. <b>2022</b> ,	O
640	Rational Design of a New RXR Agonist Scaffold Enabling Single-Subtype Preference for RXR∄ RXR∏and RXR□	1
639	Early development of esophageal squamous cell cancer: Stem cells, cellular origins and early clone evolution. <b>2022</b> , 216043	O
638	SARS-CoV-2-mediated liver injury: pathophysiology and mechanisms of disease.	O
637	CPPA: A Web Tool for Exploring Proteomic and Phosphoproteomic Data in Cancer.	О
636	Convergent Decay of Skin-specific Gene Modules in Pangolins.	O
635	Upregulated TUBG1 expression is correlated with poor prognosis in hepatocellular carcinoma. 10, e14415	O
634	On the Therapeutic Potential of ERK4 in Triple-Negative Breast Cancer. <b>2023</b> , 15, 25	O
633	Nectins and Nectin-like Molecules in Colorectal Cancer: Role in Diagnostics, Prognostic Values, and Emerging Treatment Options: A Literature Review. <b>2022</b> , 12, 3076	Ο
632	Bayesian model and selection signature analyses reveal risk factors for canine atopic dermatitis. <b>2022</b> , 5,	1

631	Transcription factor c-Jun modulates GLUT1 in glycolysis and breast cancer metastasis. 2022, 22,	O
630	Investigation of the Potential Correlation Between RNA-Binding Proteins in the Evolutionarily Conserved MEX3 Family and Non-small-Cell Lung Cancer.	О
629	A new framework for host-pathogen interaction research. 13,	O
628	PRLR and CACNA2D1 Impact the Prognosis of Breast Cancer by Regulating Tumor Immunity. <b>2022</b> , 12, 2086	O
627	Endogenous secretory leukocyte protease inhibitor inhibits microbial-induced monocyte activation. 2249964	O
626	Guidelines for extracting biologically relevant context-specific metabolic models using gene expression data. <b>2022</b> ,	O
625	Sex-specific DNA methylation in saliva from the multi-ethnic Fragile Families and Child Wellbeing Study.	O
624	SGLT2 inhibitor empagliflozin promotes revascularization in diabetic mouse hindlimb ischemia by inhibiting ferroptosis.	O
623	Diverse monogenic subforms of human spermatogenic failure. <b>2022</b> , 13,	1
622	Multi-omics identify falling LRRC15 as a COVID-19 severity marker and persistent pro-thrombotic signals in convalescence. <b>2022</b> , 13,	1
621	The Diverse Role of CUB and Sushi Multiple Domains 1 (CSMD1) in Human Diseases. <b>2022</b> , 13, 2332	O
620	PPM1D suppresses p53-dependent transactivation and cell death by inhibiting the Integrated Stress Response. <b>2022</b> , 13,	O
619	IL7 genetic variation and toxicity to immune checkpoint blockade in patients with melanoma.	1
618	A novel lnc-LAMC2-1:1 SNP promotes colon adenocarcinoma progression by targeting miR-216a-3p/HMGB3. <b>2022</b> , 8, e12342	O
617	Recent advances in understanding adverse effects associated with drugs targeting the serotonin receptor, 5-HT GPCR. 3,	1
616	Therapeutic Potential of VEGF-B in Coronary Heart Disease and Heart Failure: Dream or Vision?. <b>2022</b> , 11, 4134	O
615	Calcium flux through ER-TGN contact sites facilitates cargo export.	O
614	Open Genes 🗈 new comprehensive database of human genes associated with aging and longevity.	0

613	CD1a promotes systemic manifestations of skin inflammation. <b>2022</b> , 13,	0
612	A ligand-receptor interactome atlas of the zebrafish.	O
611	A Novel Cuproptosis-Related Prognostic Model and the Hub Gene FDX1 Predict the Prognosis and Correlate with Immune Infiltration in Clear Cell Renal Cell Carcinoma. <b>2022</b> , 2022, 1-19	0
610	Elucidating the Interactome of G Protein-Coupled Receptors (GPCRs) and Receptor Activity-Modifying Proteins (RAMPs). PHARMREV-AR-2020-000180	1
609	AGR2 protein expression in colorectal tumour epithelialcompartment. gutjnl-2022-328739	О
608	Evolutionary and cellular analysis of the 'dark' pseudokinase PSKH2.	O
607	DisCanVis: Visualizing integrated structural and functional annotations to better understand the effect of cancer mutations located within disordered proteins. <b>2023</b> , 32,	0
606	Characterization of Antibodies against Receptor Activity-Modifying Protein 1 (RAMP1): A Cautionary Tale. <b>2022</b> , 23, 16035	O
605	Targeted Proteomics Analysis of Staphylococcal Superantigenic Toxins in Menstrual Fluid from Women with Menstrual Toxic Shock Syndrome (mTSS). <b>2022</b> , 14, 886	0
604	Meningioma classification by immunohistochemistry: A replicability study. <b>2022</b> , 101711	O
603	Isobaric labeling-based quantitative proteomics of FACS-purified immune cells and epithelial cells from the intestine of Crohn's disease patients reveals proteome changes of potential importance in disease pathogenesis. 2200366	О
602	FSTL3 is highly expressed in adipose tissue of individuals with overweight or obesity and is associated with inflammation. <b>2023</b> , 31, 171-183	O
601	Inborn errors of OAS ${\bf R}$ Nase L in SARS-CoV-2 ${\bf E}$ elated multisystem inflammatory syndrome in children.	1
600	Arginine Methylation of the PGC-1fC-Terminus Is Temperature-Dependent.	O
599	Multi-omics insights into the biological mechanisms underlying statistical gene-by-lifestyle interactions with smoking and alcohol consumption. 13,	1
598	The E-cadherin-ESR1-GRPR axis defines a sex-specific metastatic pathway in melanoma.	O
597	Cardiovascular, Pulmonary, and Neuropsychiatric Short- and Long-Term Complications of COVID-19. <b>2022</b> , 11, 3882	1
596	Functional characterization of 5p15.33 risk locus in uveal melanoma reveals rs452384 as a functional variant and NKX2.4 as an allele-specific interactor. <b>2022</b> , 109, 2196-2209	1

595	Transcriptome expression profile of compound-K-enriched red ginseng extract (DDK-401) in Korean volunteers and its apoptotic properties. 13,	O
594	STK4 protein expression pattern follows different trends in endometrioid and serous endometrial adenocarcinoma upon tumor progression. <b>2022</b> , 12,	O
593	Role of macrophage scavenger receptor MSR1 in the progression of non-alcoholic steatohepatitis. 13,	O
592	Proteomic profiling reveals mitochondrial dysfunction in the cerebellum of transgenic mice overexpressing DYRK1A, a Down syndrome candidate gene. 15,	0
591	Fasting influences aquaporin expression, water transport and adipocyte metabolism in the peritoneal membrane.	O
590	Prognostic value, immune signature and molecular mechanisms of the SUMO family in pancreatic adenocarcinoma. 9,	0
589	Plasma biomarkers TAP, CPA1, and CPA2 for the detection of pancreatic injury in rat: the development of a novel multiplex IA-LC-MS/MS assay and biomarker performance evaluation.	0
588	Orthogonal proteomics methods warrants development of Duchenne Muscular Dystrophy biomarkers.	O
587	Exploring biomarkers for prognosis and neoadjuvant chemosensitivity in rectal cancer: Multi-omics and ctDNA sequencing collaboration. 13,	1
586	Tace/ADAM17 is a bi-directional regulator of axon guidance that coordinates distinct Frazzled and Dcc receptor signaling outputs. <b>2022</b> , 41, 111785	0
585	The tetraspanin transmembrane protein CD53 mediates dyslipidemia and integrates inflammatory and metabolic signaling in hepatocytes. <b>2022</b> , 102835	0
584	TB500/TB1000 and SGF1000: A scientific approach for a better understanding of misbranded and adulterated drugs.	O
583	scTensor detects many-to-many cellBell interactions from single cell RNA-sequencing data.	0
582	Metastatic phenotype and immunosuppressive tumour microenvironment in pancreatic ductal adenocarcinoma: Key role of the urokinase plasminogen activator (PLAU). 13,	O
581	Comparison of the Effects of Empagliflozin and Sotagliflozin on a Zebrafish Diabetic Heart Failure with Reduced Ejection Fraction Model.	O
580	A single-cell transcriptome atlas of the West African lungfish highlights the respiratory evolution of a fish adapted to water and land.	O
579	Heterogeneity of fibroblasts is a Hallmark of age-associated erectile dysfunction. 2022, 106343	0
578	Rewiring Cancer Drivers to Activate Apoptosis.	O

577	SIRPBlockade Improves the Antitumor Immunity of Radiotherapy in Colorectal Cancer.	O
576	Transcriptomic analysis of testis and epididymis tissues from Banna mini-pig inbred line (BMI) boars with single-molecule long-read sequencing.	O
575	Anti-correlated Feature Selection Prevents False Discovery of Subpopulations in scRNAseq.	0
574	Systematic analysis of RNASET2 gene as a potential prognostic and immunological biomarker in clear cell renal cell carcinoma.	O
573	Multimodal Learning for Multi-Omics: A Survey.	O
572	Deciphering the determinants of recombinant protein yield across the human secretome.	O
571	Dihydroxyacetone suppresses mTOR nutrient signaling and induces mitochondrial stress in liver cells. <b>2022</b> , 17, e0278516	0
570	Elevated plasma and urinary erythritol is a biomarker of excess simple carbohydrate intake in mice.	O
569	A biallelic loss of function variant in HORMAD1 within a large consanguineous Turkish family is associated with spermatogenic arrest.	1
568	Insights into divalent cation regulation and G13-coupling of orphan receptor GPR35. <b>2022</b> , 8,	O
567	Fibroblast inflammatory priming determines regenerative versus fibrotic skin repair in reindeer. <b>2022</b> , 185, 4717-4736.e25	2
566	Soluble HLA peptidome: A new resource for cancer biomarkers. 12,	O
565	Sulfotransferase 2B1b, Sterol Sulfonation, and Disease. PHARMREV-AR-2022-000679	0
564	Advancing targeted protein degradation for metabolic diseases therapy. <b>2022</b> , 106627	O
563	A patterned human heart tube organoid model generated by pluripotent stem cell self-assembly.	O
562	Fluxomics reveals cellular and molecular basis of increased renal ammoniagenesis. 2022, 8,	O
561	The R736H cancer mutation in DNMT3A modulates the properties of the FF-subunit interface. <b>2022</b>	О
560	Annexin A2 modulates phospholipid membrane composition upstream of Arp2 to control angiogenic sprout initiation. <b>2023</b> , 37,	O

559	Suppression of tumor or host intrinsic CMTM6 drives antitumor cytotoxicity in a PD-L1 independent manner.	O
558	Divulging a Pleiotropic Role of Succinate Receptor SUCNR1 in Renal Cell Carcinoma Microenvironment. <b>2022</b> , 14, 6064	O
557	Expression of Paired box 9 defines an aggressive subset of lung adenocarcinoma preferentially occurring in smokers.	0
556	Expression and function of receptors for the formylated peptides in granulocytes of the patients with rheumatoid arthritis. <b>2022</b> , 24, 1139-1150	O
555	Three-dimensional heart extracellular matrix enhances chemically induced direct cardiac reprogramming. <b>2022</b> , 8,	O
554	Longitudinal in vivo metabolic labeling reveals tissue-specific mitochondrial proteome turnover rates and effects of parkin deficiency.	O
553	Polo-like kinase 1 is related with malignant characteristics and inhibits macrophages infiltration in glioma. 13,	О
552	Comprehensive analysis of roles of atrial-fibrillation-related genes in lung adenocarcinoma using bioinformatic methods. <b>2023</b> , 40,	O
551	Exome-wide association analysis of CT imaging-derived hepatic fat in a medical biobank. <b>2022</b> , 3, 100855	0
550	Editorial: dietary interventions to understand and treat primary sclerosing cholangitiss gluten-free diet a starting point?. <b>2023</b> , 57, 265-266	O
549	STIM1 and ORAI1 form a novel cold transduction mechanism in sensory and sympathetic neurons.	0
548	Prognostic Biomarkers Based On GUF1, EFTUD2 and GSPT1 Targets Affecting Migration of Gastric Cancer Cells	O
547	The psychosis risk factorRBM12encodes a novel repressor of GPCR/cAMP signal transduction.	O
546	X-linked C1GALT1C1 mutation causes atypical hemolytic uremic syndrome.	O
545	Dr.Nod: computational framework for discovery of regulatory non-coding drivers in tissue-matched distal regulatory elements.	0
544	DPHL v2: An updated and comprehensive DIA pan-human assay library for quantifying more than 14,000 proteins.	O
543	A novel 9-gene signature for the prediction of postoperative recurrence in stage II/III colorectal cancer. 13,	0
542	Whole-Graph Embedding and Adversarial Attacks for Life Sciences. <b>2022,</b> 1-21	O

541	Genome-Wide Feature Selection of Robust mRNA Biomarkers for Body Fluid Identification. 2022, 29-42	0
540	Identification of novel autoantigens as potential biomarkers in juvenile idiopathic arthritis associated uveitis. 10,	О
539	Lipid packing is disrupted in copolymeric nanodiscs compared to intact membranes. 2023,	0
538	GWAS of depression in 4,520 individuals from the Russian population highlights the role of MAGI2 (S-SCAM) in the gut-brain axis. 13,	O
537	The roles of connexins and gap junctions in the progression of cancer. <b>2023</b> , 21,	1
536	Spatially resolved top-down proteomics of tissue sections based on a microfluidic nanodroplet sample preparation platform. <b>2023</b> , 100491	O
535	PLEKHA4 Is a Prognostic Biomarker and Correlated with Immune Infiltrates in Glioma. 2023, 2023, 1-21	0
534	Microdeletions and microduplications linked to severe congenital disorders in infertile men. <b>2023</b> , 13,	O
533	Blood proteome of acute intracranial hemorrhage in infant victims of abusive head trauma. 2200078	1
532	HS, an Ancient Molecular Recognition and Information Storage Glycosaminoglycan, Equips HS-Proteoglycans with Diverse Matrix and Cell-Interactive Properties Operative in Tissue Development and Tissue Function in Health and Disease. <b>2023</b> , 24, 1148	O
531	Role and Clinical Significance of Monocarboxylate Transporter 8 (MCT8) During Pregnancy.	0
530	Novel candidate genes for cholesteatoma in chronic otitis media. 13,	O
529	Dynamic regulation of RAS and RAS signaling. <b>2023</b> , 480, 1-23	1
528	Unmasking the biological function and regulatory mechanism of NOC2L: a novel inhibitor of histone acetyltransferase. <b>2023</b> , 21,	O
527	EDEM2 is a diagnostic and prognostic biomarker and associated with immune infiltration in glioma: A comprehensive analysis. 12,	O
526	The Effect of Cannabis Plant Extracts on Head and Neck Squamous Cell Carcinoma and the Quest for Cannabis-Based Personalized Therapy. <b>2023</b> , 15, 497	О
525	Metabolism-associated molecular classification of uterine corpus endometrial carcinoma. 14,	Ο
524	The E3 Ligase TRIM25 Impairs Apoptotic Cell Death in Colon Carcinoma Cells via Destabilization of Caspase-7 mRNA: A Possible Role of hnRNPH1. <b>2023</b> , 12, 201	O

523	Mining TCGA Database for Genes with Prognostic Value in Breast Cancer. <b>2023</b> , 24, 1622	0
522	PACSIN2as a modulator of autophagy and mercaptopurine cytotoxicity: mechanisms in lymphoid and intestinal cells. <b>2023</b> , 6, e202201610	O
521	Profiling mouse brown and white adipocytes to identify metabolically relevant small ORFs and functional microproteins. <b>2023</b> , 35, 166-183.e11	O
520	Genetic screening for hypertension and COVID-19 reveals functional variation of SPEG potentially associated with severe COVID-19 in women. 13,	O
519	A novel transcription factor-based signature to predict prognosis and therapeutic response of hepatocellular carcinoma. 13,	О
518	Spatial transcriptome analysis of long non-coding RNAs reveals tissue specificity and functional roles in cancer. <b>2023</b> , 24, 15-31	O
517	D-2-Hydroxyglutarate Inhibits Calcineurin Phosphatase Activity to Abolish NF-AT Activation and IL-2 Induction in Stimulated Lymphocytes.	0
516	Molecular Alterations and Putative Therapeutic Targeting of Planar Cell Polarity Proteins in Breast Cancer. <b>2023</b> , 12, 411	O
515	Segmenting functional tissue units across human organs using community-driven development of generalizable machine learning algorithms.	0
514	Genome-wide association study of early ischaemic stroke risk in Brazilian individuals with sickle cell disease implicates ADAMTS2 and CDK18 and uncovers novel loci.	O
513	The Human Protein Atlas - integrated omics for single cell mapping of the human proteome.	O
512	Artificial intelligence supports automated characterization of differentiated human pluripotent stem cells.	О
511	ABC-transporter CFTR folds with high fidelity through a modular, stepwise pathway. 2023, 80,	O
510	RANBP1 (RAN Binding Protein 1): The Missing Genetic Piece in Cancer Pathophysiology and Other Complex Diseases. <b>2023</b> , 15, 486	O
509	Estimating copy number to determine BRCA2 deletion status and to expect prognosis in localized prostate cancer.	O
508	Serum IL-6, sAXL, and YKL-40 as systemic correlates of reduced brain structure and function in Alzheimer disease: results from the DELCODE study. <b>2023</b> , 15,	O
507	Protrusion growth driven by myosin-generated force. <b>2023</b> , 58, 18-33.e6	0
506	Identification and validation of a novel ferroptosis-related gene signature for prognosis and potential therapeutic target prediction in cholangiocarcinoma. 13,	O

505	SPOCK2 and SPRED1 function downstream of EZH2 to impede the malignant progression of lung adenocarcinoma in vitro and in vivo.	0
504	Identification of ARMH4 and WIPF3 as human podocyte proteins with potential roles in immunomodulation and cytoskeletal dynamics. <b>2023</b> , 18, e0280270	O
503	The role of altered protein acetylation in neurodegenerative disease. 14,	О
502	Cornichon protein CNIH4 is not essential for mice gametogenesis and fertility. 2023,	O
501	The mitochondrial multi-omic response to exercise training across tissues.	O
500	A sensitive double antibodies sandwich ELISA for the diagnosis and therapeutic evaluation of cervical cancer. <b>2023</b> , 225, 1315-1322	O
499	A proteomic profile of the healthy human placenta. <b>2023</b> , 20,	O
498	Clearance of plasma PCSK9 via the asialoglycoprotein receptor mediated by heterobifunctional ligands. <b>2023</b> ,	O
497	Interpreting the molecular mechanisms of disease variants in human transmembrane proteins. <b>2023</b> ,	О
496	Loss of a gluconeogenic muscle enzyme contributed to adaptive metabolic traits in hummingbirds. <b>2023</b> , 379, 185-190	O
495	Organs-on-a-chip Database (OOCDB): A Comprehensive, Systematic, and Real-time Organs-on-a-chip Database. <b>2023</b> ,	0
494	Ablation of CaMKIII bxidation by CRISPR-Cas9 base editing as a therapy for cardiac disease. <b>2023</b> , 379, 179-185	2
493	The DNA binding high mobility group box protein family functionally binds RNA.	O
492	Heparanase-1: From Cancer Biology to a Future Antiviral Target. <b>2023</b> , 15, 237	O
491	Context-Specific Genome-Scale Metabolic Modelling and Its Application to the Analysis of COVID-19 Metabolic Signatures. <b>2023</b> , 13, 126	Ο
490	Active Vitamin D3 (Calcitriol) Increases Adipose Graft Retention in a Xenograft Model.	O
489	The gut microbiome and hypertension.	1
488	Surfaceome mapping of primary human heart cells with CellSurfer uncovers cardiomyocyte surface protein LSMEM2 and proteome dynamics in failing hearts. <b>2023</b> , 2, 76-95	O

487	Molecular Landscape of Tourettel Disorder. <b>2023</b> , 24, 1428	О
486	The effect ofDnaaf5gene dosage on primary ciliary dyskinesia phenotypes.	О
485	AlphaFold accelerates artificial intelligence powered drug discovery: efficient discovery of a novel CDK20 small molecule inhibitor.	3
484	Gliflozins Have an Anti-Inflammatory Effect on Renal Proximal Tubular Epithelial Cells in a Diabetic and Inflammatory Microenvironment In Vitro. <b>2023</b> , 24, 1811	O
483	Discovery of seven novel putative antigens in membranous nephropathy and membranous lupus nephritis identified by mass spectrometry. <b>2023</b> ,	0
482	Identification of Key Biomarkers and Candidate Molecules in Non-Small-Cell Lung Cancer by Integrated Bioinformatics Analysis. <b>2023</b> , 2023, 1-19	O
481	Atorvastatin Metabolite Pattern in Skeletal Muscle and Blood from Patients with Coronary Heart Disease and Statin-Associated Muscle Symptoms.	0
480	ARHGAP21 Is Involved in the Carcinogenic Mechanism of Cholangiocarcinoma: A Study Based on Bioinformatic Analyses and Experimental Validation. <b>2023</b> , 59, 139	0
479	Early development of esophageal squamous cell cancer: Stem cells, cellular origins and early clone evolution. <b>2023</b> , 555, 216047	1
478	Targeting ecto-5?-nucleotidase: A comprehensive review into small molecule inhibitors and expression modulators. <b>2023</b> , 247, 115052	1
477	Expression landscapes in non-small cell lung cancer shaped by the thyroid transcription factor 1. <b>2023</b> , 176, 121-131	0
476	Identification of new telomere- and telomerase-associated autoantigens in systemic sclerosis. <b>2023</b> , 135, 102988	2
475	Screening and evaluation of endogenous reference genes for miRNA expression analysis in forensic body fluid samples. <b>2023</b> , 63, 102827	0
474	Breast cancer sub-types display heterogeneity in gene amplification and mRNA expression of the anti-apoptotic members of BCL2 family. <b>2023</b> , 857, 147179	0
473	Inter-layer and inter-subject variability of diurnal gene expression in human skin. 2022, 4,	1
472	Proteins Classification Using An Improve Darknet-53 Deep Learning Model. 2022,	O
471	SPP1 is a prognostic related biomarker and correlated with tumor-infiltrating immune cells in ovarian cancer. <b>2022</b> , 22,	0
47°	Selective Depletion of ZAP-Binding CpG Motifs in HCV Evolution. <b>2023</b> , 12, 43	O

469	Comprehensive Analysis of Necroptosis-Related Genes as Prognostic Factors and Immunological Biomarkers in Breast Cancer. <b>2023</b> , 13, 44	О
468	A Phylogenetic Profiling Approach Identifies Novel Ciliogenesis Genes InDrosophilaAndC. elegans.	Ο
467	Deep learning-derived cardiovascular age shares a genetic basis with other cardiac phenotypes. <b>2022</b> , 12,	0
466	Types and Concentrations of Blood-Based Biomarkers in Adults With Peripheral Neuropathies. <b>2022</b> , 5, e2248593	O
465	Expression of HIF-1\(\text{\text{\text{B}}}\) nd Genes Involved in Glucose Metabolism Is Increased in Cervical Cancer and HPV-16-Positive Cell Lines. <b>2023</b> , 12, 33	0
464	CISD1 Is a Breast Cancer Prognostic Biomarker Associated with Diabetes Mellitus. <b>2023</b> , 13, 37	O
463	Coiled-Coil Domain-Containing Protein 45 Is a Potential Prognostic Biomarker and Is Associated with Immune Cell Enrichment of Hepatocellular Carcinoma. <b>2022</b> , 2022, 1-22	Ο
462	An evolution-based machine learning to identify cancer type-specific driver mutations. <b>2023</b> , 24,	Ο
461	Assessment of Fibrinogen-like 2 (FGL2) in Human Chronic Kidney Disease through Transcriptomics Data Analysis. <b>2023</b> , 13, 89	Ο
460	DNA methylation in human gastric epithelial cells defines regional identity without restricting lineage plasticity. <b>2022</b> , 14,	Ο
459	High-Quality Genomes of Pangolins: Insights into the Molecular Basis of Scale Formation and Adaption to Myrmecophagous Diet. <b>2023</b> , 40,	1
458	Chromobox Family Proteins as Putative Biomarkers for Breast Cancer Management: A Preliminary Study Based on Bioinformatics Analysis and qRT-PCR Validation. Volume 14, 515-535	O
457	Glucocorticoid and adrenergic receptor distribution across human organs and tissues: a map for stress transduction.	0
456	Imaging of Gव् Proteins in Mouse and Human Organs and Tissues. <b>2023</b> , 15, 57	O
455	The phosphatidylinositol-transfer protein Nir3 promotes PI(4,5)P2 replenishment in response to TCR signaling during T cell development and survival. <b>2023</b> , 24, 136-147	0
454	The bHLH-PAS transcriptional complex Sim:Tgo plays active roles in late oogenesis to promote follicle maturation and ovulation.	Ο
453	Molecular Analysis of Duodenal Eosinophilia. 2022,	0
452	Proteins with amino acid repeats constitute rapidly evolvable and human-specific essentialome.	O

451	Expanded tRNA methyltransferase family member TRMT9B regulates synaptic growth and function.	0
450	Investigating the potential impact of PCSK9-inhibitors on mood disorders using eQTL-based Mendelian randomization. <b>2022</b> , 17, e0279381	O
449	Characterization of the TBR1 interactome: variants associated with neurodevelopmental disorders disrupt novel protein interactions.	О
448	Integrated View of Baseline Protein Expression in Human Tissues.	1
447	Synaptotagmin-like protein 1 is a potential diagnostic and prognostic biomarker in endometrial cancer based on bioinformatics and experiments. <b>2023</b> , 16,	О
446	Quantitative plasma proteomics identifies metallothioneins as a marker of acute-on-chronic liver failure associated acute kidney injury. 13,	O
445	TOR1B: a predictor of bone metastasis in breast cancer patients. <b>2023</b> , 13,	О
444	Systematic single-cell dissecting reveals heterogeneous oncofetal reprogramming in the tumor microenvironment of gastric cancer.	O
443	High-SPEED super-resolution SPEED microscopy to study primary cilium signaling in vivo. 2023,	О
442	Resistin-like beta reduction is associated to low survival rate and is downregulated by adjuvant therapy in colorectal cancer patients. <b>2023</b> , 13,	O
441	T-REX17 is a transiently expressed non-coding RNA essential for human endoderm formation. 12,	O
440	Efficacy and safety of metabolic interventions for the treatment of severe COVID-19: in vitro, observational, and non-randomized open label interventional study. 12,	1
439	Single-cell analysis reveals prognostic fibroblast subpopulations linked to molecular and immunological subtypes of lung cancer. <b>2023</b> , 14,	О
438	HAPSTR1 localizes HUWE1 to the nucleus to limit stress signaling pathways.	O
437	Exploiting Multi-Omics Profiling and Systems Biology to Investigate Functions of TOMM34. <b>2023</b> , 12, 198	О
436	Altered host protease determinants for SARS-CoV-2 Omicron. <b>2023</b> , 9,	O
435	Multi-ancestry GWAS analysis identifies two novel loci associated with diabetic eye disease and highlightsAPOL1as a high risk locus in patients with diabetic macular edema.	О
434	Transferrin Receptor-Mediated Iron Uptake Promotes Colon Tumorigenesis. 2207693	O

433	DESP: Demixing Cell State Profiles from Dynamic Bulk Molecular Measurements.	O
432	m7G-related gene NUDT4 as a novel biomarker promoting cancer cell proliferation in lung adenocarcinoma. 12,	O
431	The Expression of ARMCX1 in Gastric Cancer Contributes to Prognosis and Influences Chemotherapy. <b>2023</b> , 2023, 1-12	0
430	ProtRAP: Predicting Lipid Accessibility Together with Solvent Accessibility of Proteins in One Run.	Ο
429	Characterization of 3D organotypic epithelial tissues reveals tonsil-specific differences in tonic interferon signaling.	0
428	Panomics reveals patient individuality as the major driver of colorectal cancer progression. <b>2023</b> , 21,	Ο
427	Epitranscriptomic N 6 -Methyladenosine Profile of SARS-CoV-2-Infected Human Lung Epithelial Cells.	0
426	Secretion encoded single-cell sequencing (SEC-seq) uncovers gene expression signatures associated with high VEGF-A secretion in mesenchymal stromal cells.	Ο
425	A genome-wide association study of germline variation and melanoma prognosis. 12,	Ο
424	Tumor Microenvironment and Genes Affecting the Prognosis of Temozolomide-Treated Glioblastoma. <b>2023</b> , 13, 188	Ο
423	The development of blood protein profiles in extremely preterm infants follows a stereotypic evolution pattern.	0
422	Age-dependent nuclear lipid droplet deposition is a cellular hallmark of aging in Caenorhabditis elegans.	Ο
421	DeepERA: deep learning enables comprehensive identification of drug-target interactions via embedding of heterogeneous data.	0
420	Roles of trans-lesion synthesis (TLS) DNA polymerases in tumorigenesis and cancer therapy. <b>2023</b> , 5,	1
419	The Sertoli Cell Complement Signature: A Suspected Mechanism in Xenograft Survival. 2023, 24, 1890	1
418	A modERN Resource: Identification of Drosophila Transcription Factor candidate target genes using RNAi	O
417	Identifying rare genetic variants in 21 highly multiplex autism families: the role of diagnosis and autistic traits.	O
416	Deciphering sources of PET signals in the tumor microenvironment of glioblastoma at cellular resolution.	O

415	Expression and function of myelin expression factor 2 in hepatocellular carcinoma. 2023, 23,	O
414	Implications of CRISPR-Cas9 genome editing methods in atherosclerotic cardiovascular diseases. <b>2023</b> , 101603	O
413	Overview of Sigma-1R Subcellular Specific Biological Functions and Role in Neuroprotection. <b>2023</b> , 24, 1971	1
412	De Novo Variant in the KCNJ9 Gene as a Possible Cause of Neonatal Seizures. <b>2023</b> , 14, 366	O
411	Expression of hormone receptors is associated with specific immunological profiles of the breast cancer microenvironment. <b>2023</b> , 25,	О
410	PADs and NETs in digestive system: From physiology to pathology. 14,	O
409	Synergistic targeting of DNA-PK and KIT signaling pathways in KIT mutant acute myeloid leukemia. <b>2023</b> , 100503	О
408	Milk exosomes: an oral drug delivery system with great application potential. <b>2023</b> , 14, 1320-1337	O
407	Genetic Knockout of Fatty Acid Amide Hydrolase (FAAH) Ameliorates Cisplatin-induced Nephropathy in Mice. MOLPHARM-AR-2022-000618	О
406	Mono(2-ethylhexyl) phthalate induces transcriptomic changes in placental cells based on concentration, fetal sex, and trophoblast cell type.	O
405	Drug repositioning via host-pathogen protein-protein interactions for the treatment of cervical cancer. 13,	О
404	Identification of therapeutic targets and prognostic biomarkers among CC chemokines in the pancreatic adenocarcinoma microenvironment. <b>2023</b> ,	O
403	Circulating effector IT cell populations are associated with acute coronavirus disease 19 in unvaccinated individuals.	0
402	Germ Cell Maintenance and Sustained Testosterone and Precursor Hormone Production in Human Prepubertal Testis Organ Culture with Tissues from Boys 7 Years+ under Conditions from Adult Testicular Tissue. <b>2023</b> , 12, 415	O
401	Transcriptome-wide association study of circulating IgE levels identifies novel targets for asthma and allergic diseases. 14,	0
400	Targeting a check point receptor of human primary natural killer cells via CRISPR/Cas9 potentiates anti-tumor activity in allogeneic glioblastoma.	O
399	Mitotic spindle positioning protein (MISP) deficiency exacerbates dextran sulfate sodium (DSS)-induced colitis in mice. <b>2023</b> , 85, 167-174	О
398	Differential responsiveness of spermatogonia to retinoic acid dictates precocious differentiation but not meiotic entry during steady-state spermatogenesis.	O

397	Determinants of renin cell differentiation: a single cell epi-transcriptomics approach.	0
396	Systematic Evaluation of Antigenic Stimulation in Chronic Lymphocytic Leukemia: Humoral Immunity as Biomarkers for Disease Evolution. <b>2023</b> , 15, 891	О
395	Toward an understanding of the conformational plasticity of S100A8 and S100A9 Ca2+-binding proteins. <b>2023</b> , 102952	0
394	LTK and ALK regulate neuronal polarity and cortical migration by modulating IGF1R activity.	О
393	The amyloid precursor protein modulates the position and length of the axon initial segment. JN-RM-0172-22	0
392	Glycoproteomics in Cerebrospinal Fluid Reveals Brain-Specific Glycosylation Changes. <b>2023</b> , 24, 1937	О
391	In Silico Study on the Interactions, Molecular Docking, Dynamics and Simulation of Potential Compounds from Withania somnifera (L.) Dunal Root against Cancer by Targeting KAT6A. <b>2023</b> , 28, 1117	0
390	Molecular Genetic Characteristics of FANCI, a Proposed New Ovarian Cancer Predisposing Gene. <b>2023</b> , 14, 277	О
389	The Stanniocalcin-PAPP-A-IGFBP-IGF Axis.	0
388	APOBEC mutagenesis is a common process in normal human small intestine.	О
387	Oxidation modulates LINGO2-induced inactivation of large conductance, Ca2+-activated potassium channels. <b>2023</b> , 102975	0
386	Programmable peroxidase-assisted signal amplification enables flexible detection of nucleic acid targets in cellular and histopathological specimens.	O
385	Neuro-oncological Ventral Antigen 2 Regulates Splicing of Vascular Endothelial Growth Factor Receptor 1 and Is Required for Endothelial Function. <b>2023</b> , 30, 678-689	0
384	Biomarkers in Brain Traumatic Injury. <b>2022</b> , 11, 133-153	О
383	Comprehensive analysis of the role of SFXN family in breast cancer. <b>2023</b> , 18,	0
382	Cancer proteomics: Application of case studies in diverse cancers. <b>2023</b> , 219-239	О
381	Transferrin receptor 1 targeted nanomedicine for brain tumor therapy.	0
380	Novel linkage and association of the mineralocorticoid receptor gene (NR3C2) with familial type 2 diabetes and depression and their comorbidity. <b>2023</b> , 1, 100003	O

379	Inhibitor of apoptosis proteins as therapeutic targets in bladder cancer. 13,	O
378	Chordin-like 1, a Novel Adipokine, Markedly Promotes Adipogenesis and Lipid Accumulation. <b>2023</b> , 12, 624	O
377	Reduced expression of alanyl aminopeptidase is a robust biomarker of non-familial adenomatous polyposis and non-hereditary nonpolyposis colorectal cancer syndrome early-onset colorectal cancer.	0
376	Regulation of secretory pathway kinase or kinase-like proteins in human cancers. 14,	O
375	Ade novomissense variant in EZH1 associated with developmental delay exhibits functional deficits in Drosophila melanogaster.	0
374	Mas-related G protein-coupled receptors in gastrointestinal dysfunction and inflammatory bowel disease: A review.	O
373	Quantitative Evaluation of Stem-like Markers of Human Glioblastoma Using Single-Cell RNA Sequencing Datasets. <b>2023</b> , 15, 1557	1
372	Spatial transcriptomics using multiplexed deterministic barcoding in tissue. <b>2023</b> , 14,	Ο
371	Selenium, Stroke, and Infection: A Threefold Relationship; Where Do We Stand and Where Do We Go?. <b>2023</b> , 15, 1405	Ο
370	DNA methylation of the promoter region at the CREB1 binding site is a mechanism for the epigenetic regulation of brain-specific PKMII <b>2023</b> , 1866, 194909	O
369	Characterization of methylation profiles in spontaneous preterm birth placental villous tissue. <b>2023</b> , 18, e0279991	O
368	PRAME and CTCFL-reactive TCRs for the treatment of ovarian cancer. 14,	O
367	MEMMAL: A tool for expanding large-scale mechanistic models with machine learned associations and big datasets. 3,	0
366	Multiomic approach and Mendelian randomization analysis identify causal associations between blood biomarkers and subcortical brain structure volumes.	O
365	Advancement in transporter-oriented nanoplatforms for cancer therapy. 1-15	Ο
364	Characterization of the nuclear import of the human CHD4NuRD complex. 2023, 136,	Ο
363	Clinical prognostic value of OSGIN2 in gastric cancer and its proliferative effect in vitro. 2023, 13,	0
362	The sound of silence: mechanisms and implications of HUSH complex function. <b>2023</b> , 39, 251-267	O

361	Associations of selenium exposure with blood lipids: Exploring mediating DNA methylation sites in general Chinese urban non-smokers. <b>2023</b> , 869, 161815	О
360	Breast cancer cell secretome analysis to decipher miRNA regulating the tumor microenvironment and discover potential biomarkers. <b>2023</b> , e15421	O
359	Mucous Gland Adenoma of the Lung: A Neoplastic Counterpart of Mucinous Bronchial Glands. <b>2023</b> , 100182	O
358	JAZF1: A metabolic actor subunit of the NuA4/TIP60 chromatin modifying complex. 11,	O
357	The roles of type 1 and type 2 taste receptors in bone remodeling: A literature review.	О
356	Identification of Glomerular and Plasma Apolipoprotein M as Novel Biomarkers in Glomerular Disease. <b>2023</b> , 8, 884-897	O
355	Literature Review: The sFlt1/PlGF Ratio and Pregestational Maternal Comorbidities: New Risk Factors to Predict Pre-Eclampsia. <b>2023</b> , 24, 6744	O
354	Genetic effects on the timing of parturition and links to fetal birth weight. <b>2023</b> , 55, 559-567	O
353	Investigating the role of FADS family members in breast cancer based on bioinformatic analysis and experimental validation. 14,	О
352	Novel strategies and promising opportunities for targeted protein degradation: An innovative therapeutic approach to overcome cancer resistance. <b>2023</b> , 244, 108371	O
351	Targeted protein degradation in cancers: Orthodox PROTACs and beyond. 2023, 4, 100413	О
350	Mucins as contrast agent targets for fluorescence-guided surgery of pancreatic cancer. <b>2023</b> , 561, 216150	O
349	Ten Years of Extracellular Matrix Proteomics: Accomplishments, Challenges, and Future Perspectives. <b>2023</b> , 22, 100528	1
348	Dynamics of RNA m5C modification during brain development. <b>2023</b> , 115, 110604	O
347	Single-cell epitope-transcriptomics reveal lung stromal and immune cell response kinetics to nanoparticle-delivered RIG-I and TLR4 agonists. <b>2023</b> , 297, 122097	O
346	Stimuli-responsive drug delivery systems triggered by intracellular or subcellular microenvironments. <b>2023</b> , 196, 114773	O
345	A review of the approaches used to solve sub-100 kDa membrane proteins by cryo-electron microscopy. <b>2023</b> , 215, 107959	Ο
344	Characterizing the origin of blood plasma proteins from organ tissues in rainbow trout (Oncorhynchus mykiss) using a comparative non-targeted proteomics approach. <b>2023</b> , 46, 101070	O

343	Molecular weight and gut microbiota determine the bioavailability of orally administered hyaluronic acid. <b>2023</b> , 313, 120880	О
342	FBXW7 tumor suppressor regulation by dualspecificity tyrosine-regulated kinase 2. <b>2023</b> , 14,	О
341	Fibronectin, DHPS and SLC3A2 Signaling Cooperate to Control Tumor Spheroid Growth, Subcellular eIF5A1/2 Distribution and CDK4/6 Inhibitor Resistance.	0
340	Spatial analysis of the metastatic brain tumor immune and extracellular matrix microenvironment. <b>2023</b> , 7, 100096	О
339	A detailed multi-omics analysis of GNB2 gene in human cancers. 84,	О
338	Role of Plasma methylated SEPT9 for Predicting Microvascular Invasion and Tumor Proliferation in Hepatocellular Carcinoma. <b>2022</b> , 21, 153303382211445	О
337	Glutaric Acid Neurotoxicity: Mechanisms and Actions. 2022, 945-979	0
336	Tumor decellularization reveals proteomic and mechanical characteristics of the extracellular matrix of primary liver cancer. <b>2023</b> , 146, 213289	1
335	An explorative study of inflammation-related proteins associated with kidney injury in male heat-stressed workers. <b>2023</b> , 112, 103433	0
334	Binding sites in the epidermal growth factor receptor are responsible for bisphenol S effects on trophoblast cell invasion. <b>2023</b> , 318, 137960	О
333	Recognition of the CCT5 di-Glu degron by CRL4 DCAF12 is dependent on TRiC assembly. 2023, 42,	О
332	Real-ambient particulate matter exposure-induced FGFR1 methylation contributes to cardiac dysfunction via lipid metabolism disruption. <b>2023</b> , 870, 161903	О
331	The therapeutic age of the neonatal Fc receptor.	0
330	Epigenetic profile of Japanese supercentenarians: a cross-sectional study. <b>2023</b> , 4, e83-e90	О
329	Astrocyte Immune Functions and Glaucoma. <b>2023</b> , 24, 2747	0
328	A large-scale proteogenomic atlas of pear. <b>2023</b> , 16, 599-615	O
327	Organism-Wide Analysis of Sepsis Reveals Mechanisms of Systemic Inflammation.	0
326	Linking chemicals, genes and morphological perturbations to diseases. <b>2023</b> , 461, 116407	О

325	The prognostic gene CRABP2 affects drug sensitivity by regulating docetaxel-induced apoptosis in breast invasive carcinoma: A pan-cancer analysis. <b>2023</b> , 373, 110372	О
324	High-content image-based CRISPR screening reveals regulators of 3D genome architectures.	O
323	Swip-1 promotes exocytosis of glue granules in the exocrineDrosophilasalivary gland. 2023, 136,	0
322	3-Mercaptopyruvate sulfur transferase is a protein persulfidase. <b>2023</b> , 19, 507-517	1
321	Human IRF1 governs macrophagic IFN-limmunity to mycobacteria. <b>2023</b> , 186, 621-645.e33	1
320	Highly expressed CENPL is correlated with breast cancer cell proliferation and immune infiltration. 13,	O
319	CCPG1 recognizes endoplasmic reticulum luminal proteins for selective ER-phagy. 2023, 34,	O
318	The Absence of FAIM Leads to a Delay in Dark Adaptation and Hampers Arrestin-1 Translocation upon Light Reception in the Retina. <b>2023</b> , 12, 487	O
317	Lactate promotes endothelial-to-mesenchymal transition via Snail1 lactylation after myocardial infarction. <b>2023</b> , 9,	0
316	Critical Role of the Sulfiredoxin-Peroxiredoxin IV Axis in Urethane-Induced Non-Small Cell Lung Cancer. <b>2023</b> , 12, 367	O
315	LRRC15 mediates an accessory interaction with the SARS-CoV-2 spike protein. 2023, 21, e3001959	1
314	Upregulation of KHDC1L promotes the proliferation and inhibits apoptosis in head and neck squamous cell carcinoma. <b>2023</b> , 18,	O
313	A multiomics approach to understanding pathology of Combined D,L-2- Hydroxyglutaric Aciduria and phenylbutyrate as potential treatment.	0
312	Towards Universal Cell Embeddings: Integrating Single-cell RNA-seq Datasets across Species with SATURN.	O
311	Toward an Integrated Machine Learning Model of a Proteomics Experiment. <b>2023</b> , 22, 681-696	0
310	Transcriptional Analysis of the Endostyle Reveals Pharyngeal Organ Functions in Ascidian. 2023, 12, 245	O
309	Correlation Between GDF11 Serum Levels, Severity of Coronary Artery Lesions, and the Prognosis of Patients with ST-segment Elevation Myocardial Infarction.	O
308	Exploring the potential mechanisms of impairment on genitourinary system associated with coronavirus disease 2019 infection: Bioinformatics and molecular simulation analyses. <b>2023</b> ,	O

307	Cell-specific expression of the FAP gene is regulated by enhancer elements. 10,	O
306	GDF11, a target of miR-32-5p, suppresses high-glucose-induced mitochondrial dysfunction and apoptosis in HK-2 cells through PI3K/AKT signaling activation.	O
305	NSPA: characterizing the disease association of multiple genetic interactions at single-subject resolution. <b>2023</b> , 3,	0
304	Human PRPS1 filaments stabilize allosteric sites to regulate activity. <b>2023</b> , 30, 391-402	O
303	Ubiquitin-modifying enzymes in Huntington disease. 10,	O
302	The novel role of lymphatic vessels in the pathogenesis of ocular diseases. 2023, 101157	O
301	Mitochondria-Related Transcriptome Characterization Associated with the Immune Microenvironment, Therapeutic Response and Survival Prediction in Pancreatic Cancer. <b>2023</b> , 24, 3270	0
300	Why Clinical Trials Stop: The Role of Genetics.	О
299	Comprehensive Pan-Cancer Analysis of KIF18A as a Marker for Prognosis and Immunity. <b>2023</b> , 13, 326	0
298	GPX3 expression was down-regulated but positively correlated with poor outcome in human cancers. 13,	O
297	Human atlastins are sufficient to drive the fusion of liposomes with a physiological lipid composition. <b>2023</b> , 222,	O
296	Organ Protection by Caloric Restriction Depends on Activation of the De Novo NAD+ Synthesis Pathway. <b>2023</b> , Publish Ahead of Print,	O
295	Somatostatin slows Alplaque deposition in aged APPNL-F/NL-F mice by blocking Alaggregation. <b>2023</b> , 13,	o
294	Symphony in the crowd: Key genetic alterations in prostate cancer.	O
293	Fibroblast-expressed LRRC15 is a receptor for SARS-CoV-2 spike and controls antiviral and antifibrotic transcriptional programs. <b>2023</b> , 21, e3001967	2
292	Using single cell atlas data to reconstruct regulatory networks.	O
291	Mechanisms of Protein Trafficking and Quality Control in the Kidney and Beyond. 2023, 85, 407-423	o
290	GPR65 as a potential immune checkpoint regulates the immune microenvironment according to pan-cancer analysis. <b>2023</b> , 9, e13617	O

289	The Antithetic Roles of IQGAP2 and IQGAP3 in Cancers. <b>2023</b> , 15, 1115	О
288	Mass Spectrometry-Based Atlas of Extracellular Matrix Proteins across 25 Mouse Organs. <b>2023</b> , 22, 790-801	O
287	Restaining-based annotation for cancer histology segmentation to overcome annotation-related limitations among pathologists. <b>2023</b> , 4, 100688	O
286	Phosphomannomutase 2 (PMM2) variants leading to hyperinsulinism-polycystic kidney disease are associated with early-onset inflammatory bowel disease and gastric antral foveolar hyperplasia.	О
285	The Prognostic Role of HuR Varies Between Different Subtypes of Breast Cancer Patients: Data Mining and Retrospective Analysis. Volume 15, 135-146	О
284	Identification and characterization of a novel molecular classification incorporating oxidative stress and metabolism-related genes for stomach adenocarcinoma in the framework of predictive, preventive, and personalized medicine. 14,	O
283	27-hydroxycholesterol promotes oligodendrocyte maturation: Implications for hypercholesterolemia-associated brain white matter changes. <b>2023</b> , 71, 1414-1428	О
282	Transferrin Receptor Protein 1 Is an Entry Factor for Rabies Virus. <b>2023</b> , 97,	1
281	Inhibition of Chitinase-3-like-1 expression by K284 ameliorates lipopolysaccharide-induced acute liver injury through down regulation of CXCL3. <b>2023</b> , 116, 109877	O
280	Association between HMGA1 and immunosuppression in hepatocellular carcinoma: A comprehensive bioinformatics analysis. <b>2023</b> , 102, e32707	O
279	PointFISH: Learning Point Cloud Representations for RNA Localization Patterns. 2023, 487-502	O
278	Virus-Free Method to Control and Enhance Extracellular Vesicle Cargo Loading and Delivery. <b>2023</b> , 6, 1081-1091	O
277	Exploring the mechanism of curcumin in the treatment of colon cancer based on network pharmacology and molecular docking. 14,	O
276	Cognitive impairments correlate with increased central nervous system immune activation after allogeneic haematopoietic stem cell transplantation. <b>2023</b> , 37, 888-900	О
275	Human brain organoids to explore SARS-CoV-2-induced effects on the central nervous system. <b>2023</b> , 33,	0
274	Fluorescent Light Opening New Horizons. <b>2023</b> , 693-746	O
273	Targeting the Undruggable Driver Protein, KRAS, in Epithelial Cancers: Current Perspective. <b>2023</b> , 12, 631	2
272	Gene body DNA hydroxymethylation restricts the magnitude of transcriptional changes during aging.	O

271	Systematic analysis of disease-linked rare germline variants reveals new classes of cancer predisposing genes.	Ο
270	CD169+ Macrophages in Primary Breast Tumors Associate with Tertiary Lymphoid Structures, Tregs and a Worse Prognosis for Patients with Advanced Breast Cancer. <b>2023</b> , 15, 1262	O
269	Analysis of genetically determined gene expression suggests role of inflammatory processes in exfoliation syndrome. <b>2023</b> , 24,	O
268	Effect of DPP4/CD26 expression on SARS-CoV-2 susceptibility, immune response, adenosine (derivatives m62A and CD) regulations on patients with cancer and healthy individuals. <b>2023</b> , 62,	O
267	Genome-wide genotype-serum proteome mapping provides insights into the cross-ancestry differences in cardiometabolic disease susceptibility. <b>2023</b> , 14,	O
266	Identification of HOXB9 to predict prognosis of endometrial cancer based on comprehensive bioinformatics analysis. <b>2023</b> , 28,	O
265	Downregulation of miR-193a/b-3p during HPV-induced cervical carcinogenesis contributes to anchorage-independent growth through PI3KAKT pathway regulators. <b>2023</b> , 95,	O
264	Pan-cancer transcriptomic analysis identified six classes of immunosenescence genes revealed molecular links between aging, immune system and cancer. <b>2023</b> , 24, 81-91	O
263	Cardiomyocyte Pdk4 response is associated with metabolic maladaptation in aging. 2023, 22,	O
262	Prognostic 7-SLC-Gene Signature Identified via Weighted Gene Co-Expression Network Analysis for Patients with Hepatocellular Carcinoma. <b>2023</b> , 2023, 1-21	O
261	Reconstruction of the tumor spatial microenvironment along the malignant-boundary-nonmalignant axis. <b>2023</b> , 14,	O
260	Proteomic Analysis of Ferrochelatase Interactome in Erythroid and Non-Erythroid Cells. <b>2023</b> , 13, 577	O
259	An effective ER stress-related gene signature predicts overall survival and associates with tumor immunity of patients with endometrial cancer.	O
258	Co-Targeting of BTK and TrxR as a Therapeutic Approach to the Treatment of Lymphoma. <b>2023</b> , 12, 529	O
257	Prognostic Significance of Amino Acid Metabolism-Related Genes in Prostate Cancer Retrieved by Machine Learning. <b>2023</b> , 15, 1309	O
256	Comprehensive analysis of PHGDH for predicting prognosis and immunotherapy response in patients with endometrial carcinoma. <b>2023</b> , 16,	O
255	GRAS-1 is a novel regulator of early meiotic chromosome dynamics in C. elegans. <b>2023</b> , 19, e1010666	O
254	Three-Dimensional Bioconjugated Liquid-Like Solid (LLS) Enhance Characterization of Solid Tumor - Chimeric Antigen Receptor T cell interactions.	1

253	GlycoSLASH: Concurrent Glycopeptide Identification from Multiple Related LC-MS/MS Data Sets by Using Spectral Clustering and Library Searching.	О
252	Characteristics and Prognosis of 8p11.23-Amplified Squamous Lung Carcinomas. 2023, 12, 1711	O
251	Delivering on the promise of protein degraders.	О
250	Downregulation of Dystrophin Expression Occurs across Diverse Tumors, Correlates with the Age of Onset, Staging and Reduced Survival of Patients. <b>2023</b> , 15, 1378	O
249	Molecular regulation of PLCIsignaling. <b>2023</b> , 17-52	О
248	Inter-Regional Proteomic Profiling of the Human Brain Using an Optimized Protein Extraction Method from Formalin-Fixed Tissue to Identify Signaling Pathways. <b>2023</b> , 24, 4283	O
247	Cell selectivity in succinate receptor SUCNR1/GPR91 signaling in skeletal muscle. 2023, 324, E289-E298	О
246	Peritoneal autoantibody profiling identifies p53 as an autoantibody target in endometriosis. 2023,	O
245	Combination therapy with bevacizumab and a CCR2 inhibitor for human ovarian cancer: An in vivo validation study.	О
244	Comparative analysis of thyroid hormone systems in rodents with subterranean lifestyle. <b>2023</b> , 13,	O
243	Developing an m5C regulator mediated RNA methylation modification signature to predict prognosis and immunotherapy efficacy in rectal cancer. 14,	O
242	Contribution of Proteomics in Transplantation: Identification of Injury and Rejection Markers. Publish Ahead of Print,	1
241	Identification of a glutamine metabolism reprogramming signature for predicting prognosis, immunotherapy efficacy, and drug candidates in bladder cancer. 14,	O
240	CEACAM7 expression contributes to early events of pancreatic cancer. 2023,	O
239	C-subfamily ATP binding cassette transporters extrude the calcium fluorescent probe fluo-4 from a cone photoreceptor cell line.	O
238	Fragment-based drug discovery of small molecule ligands for the human chemokine CCL28. <b>2023</b> ,	О
237	Gal-3 Protein Expression and Localization in Prostate Tumours. 2023, 30, 2729-2742	0
236	Non-Nutritive Sweeteners Acesulfame Potassium and Sucralose Are Competitive Inhibitors of the Human P-glycoprotein/Multidrug Resistance Protein 1 (PGP/MDR1). <b>2023</b> , 15, 1118	O

235	Identification of novel compound heterozygous variants in the SLC30A7 (ZNT7) gene in two French brothers with stunted growth, testicular hypoplasia and bone marrow failure.	O
234	Establishment of a risk score model for bladder urothelial carcinoma based on energy metabolism-related genes and their relationships with immune infiltration. <b>2023</b> , 13, 736-750	O
233	Using protein-per-mRNA differences among human tissues in codon optimization. 2023, 24,	O
232	Comprehensive Analysis of the Expression, Prognosis, and Biological Significance of PLOD Family in Bladder Cancer. Volume 16, 707-722	O
231	Targeted plasma proteomics reveals signatures discriminating COVID-19 from sepsis with pneumonia. <b>2023</b> , 24,	О
230	Neuroprotective effects of hepatoma-derived growth factor in models of Huntington⊠ disease.	O
229	Extracellular protein homeostasis in neurodegenerative diseases.	О
228	Pan-cancer analysis of the prognostic and immunological role of SNX29: a potential target for survival and immunotherapy. <b>2023</b> , 16,	O
227	Nanoparticles Targeted to Fibroblast Activation Protein Outperform PSMA for MRI Delineation of Primary Prostate Tumors. 2204956	О
226	Tenascin-C activation of lung fibroblasts in a 3D synthetic lung extracellular matrix mimic.	O
225	Delineating the tumour-regulatory roles of EYA4. <b>2023</b> , 210, 115466	0
224	Whole-Genome Sequencing Data Reveal New Loci Affecting Milk Production in German Black Pied Cattle (DSN). <b>2023</b> , 14, 581	O
223	Quantitative analysis of fucosylated glycoproteins by immobilized lectin-affinity fluorescent labeling. <b>2023</b> , 13, 6676-6687	1
222	A Closer Look at Opioid-Induced Adrenal Insufficiency: A Narrative Review. <b>2023</b> , 24, 4575	O
221	A major mechanism for immunomodulation: Dietary fibres and acid metabolites. <b>2023</b> , 66, 101737	0
220	Identification of phosphorylated tau protein interactors in progressive supranuclear palsy (PSP) reveals networks involved in protein degradation, stress response, cytoskeletal dynamics, metabolic processes, and neurotransmission.	O
219	Contrast subgraphs allow comparing homogeneous and heterogeneous networks derived from omics data. <b>2022</b> , 12,	О
218	Bisphenol B and bisphenol AF exposure enhances uterine diseases risks in mouse. <b>2023</b> , 173, 107858	O

217	CARPs regulate STUB1 and its pathogenic mutants aggregation kinetics by mono-ubiquitination.	O
216	Fatal outcome in a patient with an unknown mitochondrial disease after anesthetic exposure. A clinical literatura review from the anesthetic perspective.	О
215	Molecular Genetics of Abnormal Redox Homeostasis in Type 2 Diabetes Mellitus. <b>2023</b> , 24, 4738	O
214	A circuit for secretion-coupled cellular autonomy in multicellular eukaryotic cells. 2023, 19,	О
213	The B adrenoceptor in proliferative retinopathies: Linderellalsteps out of its family shadow. <b>2023</b> , 190, 106713	O
212	DNA methylation as a potential mediator of the association between indoor air pollution and neurodevelopmental delay in a South African birth cohort. <b>2023</b> , 15,	0
211	89Zr-immuno-PET using the anti-LAG-3 tracer [89Zr]Zr-BI 754111: demonstrating target specific binding in NSCLC and HNSCC.	0
210	Structural insights into TRAP association with ribosome-Sec61 complex and translocon inhibition by a CADA derivative. <b>2023</b> , 9,	o
209	Development of Oligomeric Mannose-6-phosphonate Conjugates for Targeted Protein Degradation.	O
208	ARF-family global interactome mapping uncovers spatial organization of cellular signaling pathways.	О
207	Tandem mass tag-based quantitative proteomic profiling identifies candidate serum biomarkers of drug-induced liver injury in humans. <b>2023</b> , 14,	0
206	Nano-LYTACs for Degradation of Membrane Proteins and Inhibition of CD24/Siglec-10 Signaling Pathway. 2300288	O
205	Upregulation of host genes during disease progression in bovine leukemia virus infection is independent of overexpression of viral transcriptional regulators in vitro. <b>2023</b> , 168,	0
204	The c.126C>A(p.(Cys42Ter)) SLC7A10 nonsense variant is a candidate causative variant for paradoxical pseudomyotonia in English Cocker and Springer Spaniels.	o
203	Tyrosyl-DNA phosphodiesterase 1 (TDP1) and SPRTN protease repair histone 3 and topoisomerase 1 DNA-protein crosslinks in vivo.	0
202	A network medicine approach to elucidate mechanisms underlying menopause-induced knee osteoarthritis.	O
201	Pathophysiology of myelin oligodendrocyte glycoprotein antibody disease. 14,	0
200	Specific HIF-2ҢHypoxia-Inducible Factor-2) Inhibitor PT2385 Mitigates Placental Dysfunction In Vitro and in a Rat Model of Preeclampsia (RUPP). <b>2023</b> , 80, 1011-1023	O

199	Antisense lncRNA CHROMR is linked to glioma patient survival. 10,	О
198	An econometric lens resolves cell-state parallax.	O
197	Fatty Acid 2-Hydroxylase and 2-Hydroxylated Sphingolipids: Metabolism and Function in Health and Diseases. <b>2023</b> , 24, 4908	0
196	Identification of fatty acid metabolism-related clusters and immune infiltration features in hepatocellular carcinoma.	O
195	An extensive evaluation of hepatic markers of damage and regeneration in controlled and uncontrolled donation after circulatory death. Publish Ahead of Print,	0
194	Proteomic-based stratification of intermediate-risk prostate cancer patients.	O
193	Targeting CD73 increases therapeutic response to immunogenic chemotherapy by promoting dendritic cell maturation.	0
192	Study of NAD-interacting proteins highlights the extent of NAD regulatory roles in the cell and its potential as a therapeutic target. <b>2023</b> ,	0
191	Collectin-11 promotes cancer cell proliferation and tumor growth. <b>2023</b> , 8,	0
190	Non-canonical functions of SNAIL drive context-specific cancer progression. <b>2023</b> , 14,	1
189	DNA methylation analysis identifies key transcription factors involved in mesenchymal stem cell osteogenic differentiation. <b>2023</b> , 56,	0
188	EGR1 drives cell proliferation by directly stimulating TFEB transcription in response to starvation. <b>2023</b> , 21, e3002034	0
187	SCD5 Regulation by VHL Affects Cell Proliferation and Lipid Homeostasis in ccRCC. 2023, 12, 835	0
186	Regulation of germline proteostasis by HSF1 and insulin/IGF-1 signaling.	O
185	Analysis of context-specific KRASEffector (sub)complexes in Caco-2 cells. 2023, 6, e202201670	0
184	Saliva and Saliva Extracellular Vesicles for Biomarker Candidate Identification Assay Development and Pilot Study in Amyotrophic Lateral Sclerosis. <b>2023</b> , 24, 5237	O
183	Novel Data Science Methodologies for Essential Genes Identification Based on Network Analysis. <b>2023</b> , 117-145	0
182	Immune Checkpoint Inhibitors in HBV-Caused Hepatocellular Carcinoma Therapy. <b>2023</b> , 11, 614	O

181	Mendelian Randomization Analysis Provides Insights into the Pathogenesis of Serum Levels of Branched-Chain Amino Acids in Cardiovascular Disease. <b>2023</b> , 13, 403	O
180	Characterizing the differential distribution and targets of Sumo1 and Sumo2 in the mouse brain. <b>2023</b> , 26, 106350	O
179	ExamPle: explainable deep learning framework for the prediction of plant small secreted peptides. <b>2023</b> , 39,	О
178	Label-free proteomic comparison reveals ciliary and non-ciliary phenotypes of IFT-A mutants.	O
177	ACRC/GCNA is an essential protease for the repair of DNA-protein crosslinks during vertebrate development.	0
176	A Proof of Principle Proteomic Study Detects Dystrophin in Human Plasma: Implications in DMD Diagnosis and Clinical Monitoring. <b>2023</b> , 24, 5215	O
175	Transcriptomic Profile of Canine Mammary Ductal Carcinoma. <b>2023</b> , 24, 5212	Ο
174	Microbial stimulation of oxytocin release from the intestinal epithelium via secretin signaling.	O
173	Autocatalytic base editing for RNA-responsive translational control. 2023, 14,	О
172	Reconstructing the regulatory programs underlying the phenotypic plasticity of neural cancers.	0
171	Signature reversion of three disease-associated gene signatures prioritizes cancer drug repurposing candidates.	0
170	Cerebrospinal Fluid and Brain Proteoforms of the Granin Neuropeptide Family in Alzheimer Disease. <b>2023</b> , 34, 649-667	O
169	The genetic basis of endometriosis and comorbidity with other pain and inflammatory conditions. <b>2023</b> , 55, 423-436	О
168	Characteristic Analysis of Featured Genes Associated with Cholangiocarcinoma Progression. <b>2023</b> , 11, 847	O
167	SULT1A1-dependent sulfonation of alkylators is a lineage-dependent vulnerability of liver cancers. <b>2023</b> , 4, 365-381	0
166	Overexpression of SEZ6L2 Is associated with unfavourable prognosis and Immune infiltrates in breast cancer.	O
165	Construction of a prognostic model based on eight ubiquitination-related genes via machine learning and potential therapeutics analysis for cervical cancer. 14,	О
164	A novel defined basement membrane-related genes signature for predicting the prognosis of Hepatocellular carcinoma.	Ο

163	Integrated analyzes identify CCT3 as a modulator to shape immunosuppressive tumor microenvironment in lung adenocarcinoma. <b>2023</b> , 23,	0
162	SARS-CoV-2 and male infertility: from short- to long-term impacts.	O
161	Ergothioneine, a dietary antioxidant improves amyloid beta clearance in the neuroretina of a mouse model of Alzheimer disease. 17,	1
160	The Mechanisms of GPR55 Receptor Functional Selectivity during Apoptosis and Proliferation Regulation in Cancer Cells. <b>2023</b> , 24, 5524	O
159	Identification of potential selective autophagy receptors from protein-content profiling of autophagosomes.	0
158	Estrogen receptor alpha deficiency in cardiomyocytes reprograms the heart-derived extracellular vesicle proteome and induces obesity in female mice. <b>2023</b> , 2, 268-289	Ο
157	Ferroptotic mechanisms and therapeutic targeting of iron metabolism and lipid peroxidation in the kidney. <b>2023</b> , 19, 315-336	О
156	Interaction network of extracellular vesicles building universal analysis via eye tears: iNEBULA. <b>2023</b> , 9,	O
155	MALT1-dependent cleavage of CYLD promotes NF-B signaling and growth of aggressive B-cell receptor-dependent lymphomas. <b>2023</b> , 13,	О
154	Deep next-generation proteomics and network analysis reveal systemic and tissue-specific patterns in Fabry disease. <b>2023</b> ,	O
153	Autoantibodies against PIP4K2B and AKT3 Are Associated with Skin and Lung Fibrosis in Patients with Systemic Sclerosis. <b>2023</b> , 24, 5629	О
152	Hierarchical deconvolution for extensive cell type resolution in the human brain using DNA methylation.	1
151	ProInfer: An interpretable protein inference tool leveraging on biological networks. <b>2023</b> , 19, e1010961	0
150	Roles of cuproptosis-related gene DLAT in various cancers: a bioinformatic analysis and preliminary verification on pro-survival autophagy. 11, e15019	O
149	Recent advances in the role of endogenous hydrogen sulphide in cancer cells.	O
148	Prognostic signatures of sphingolipids: Understanding the immune landscape and predictive role in immunotherapy response and outcomes of hepatocellular carcinoma. 14,	O
147	Clinically important alterations in pharmacogene expression in histologically severe nonalcoholic fatty liver disease. <b>2023</b> , 14,	O
146	The prognostic significance of Nectin-2 and Nectin-4 expression in glial tumors. <b>2023</b> , 244, 154416	O

145	Histone acetylation-related IncRNA: Potential biomarkers for predicting prognosis and immune response in lung adenocarcinoma, and distinguishing hot and cold tumours. 14,	O
144	Rapid and accurate deorphanization of ligand-receptor pairs using AlphaFold.	O
143	Target Antigen Attributes and Their Contributions to Clinically Approved Antibody-Drug Conjugates (ADCs) in Haematopoietic and Solid Cancers. <b>2023</b> , 15, 1845	0
142	Construction of Metastasis-Specific Regulation Network in Ovarian Cancer Based on Prognostic Stemness-Related Signatures.	O
141	Multi-faceted role of LRP1 in the immune system. 14,	0
140	Dynamic transcriptomic responses to divergent acute exercise stimuli in young adults. <b>2023</b> , 55, 194-212	О
139	Proteomic Approaches and Potential Applications in Autosomal Dominant Polycystic Kidney Disease and Fabry Disease. <b>2023</b> , 13, 1152	0
138	Comprehensive analysis, immune, and cordycepin regulation for SOX9 expression in pan-cancers and the matched healthy tissues. 14,	O
137	PCYT2-regulated lipid biosynthesis is critical to muscle health and ageing. <b>2023</b> , 5, 495-515	О
136	Computational Approaches Drive Developments in Immune-Oncology Therapies for PD-1/PD-L1 Immune Checkpoint Inhibitors. <b>2023</b> , 24, 5908	О
135	Mitochondria-associated gene expression perturbation predicts clinical outcomes and shows potential for targeted therapy in neuroblastoma. 11,	0
134	Profiling the Binding Activities of Peptides and Inhibitors to the U2 Auxiliary Factor Homology Motif (UHM) Domains. <b>2023</b> , 14, 450-457	O
133	Insights on the Role of ∃and ⊞ubulin Isotypes in Early Brain Development.	0
132	Network-level analysis of ageing and its relationship with diseases and tissue regeneration in the mouse liver. <b>2023</b> , 13,	О
131	SCRN1: A cerebrospinal fluid biomarker correlating with tau in Alzheimer's disease.	0
130	Migraine signaling pathways: purine metabolites that regulate migraine and predispose migraineurs to headache.	O
129	Cerebrospinal Fluid as a Platform for Biomarker Identification in Traumatic Brain Injury. 2023, 1047-1069	O
128	Development of a Novel Tool to Demystify Drug Distribution at Tissue-Blood Barriers.	О

127	LSPpred Suite: Tools for Leaderless Secretory Protein Prediction in Plants. <b>2023</b> , 12, 1428	O
126	Analysis of networks in the dorsolateral prefrontal cortex in chronic schizophrenia: Relevance of altered immune response. 14,	O
125	Identification of Mir-182-3p/FLI-1 Axis as a Key Signaling in Immune Response in Cervical Cancer: A Comprehensive Bioinformatic Analysis. <b>2023</b> , 24, 6032	O
124	Activity-based tyrosine phosphatomics using F2Pmp probes.	O
123	Linkage and next generation sequencing (NGS) data in six large Danish families with dyslexia.	0
122	Role of Non-Covalent Interactions in Carbonic Anhydrase Illiopiramate Complex Based on QM/MM Approach. <b>2023</b> , 16, 479	O
121	Machine Learning on Large-Scale Proteomics Data Identifies Tissue and Cell-Type Specific Proteins. <b>2023</b> , 22, 1181-1192	0
120	Risk stratification based on DNA damage-repair-related signature reflects the microenvironmental feature, metabolic status and therapeutic response of breast cancer. 14,	O
119	Dimension-agnostic and granularity-based spatially variable gene identification.	0
118	Disease modeling of ADAMTS9-related nephropathy using kidney organoids reveals its roles in tubular cells and podocytes. 10,	O
117	Multi-targeted therapy resistance via drug-induced secretome fucosylation. 12,	0
116	Genetic and dietary modulators of the inflammatory response in the gastro-intestinal tract of the BXD mouse genetic reference population.	O
115	Nuclear speckleopathies: developmental disorders caused by variants in genes encoding nuclear speckle proteins.	0
114	A comprehensive analysis of PANoptosome to prognosis and immunotherapy response in pan-cancer. <b>2023</b> , 13,	O
113	A dataset of rodent cerebrovasculature from in vivo multiphoton fluorescence microscopy imaging. <b>2023</b> , 10,	0
112	Multi-omics and experimental analysis unveil theragnostic value and immunological roles of inner membrane mitochondrial protein (IMMT) in breast cancer. <b>2023</b> , 21,	O
111	A comprehensive molecular profiling approach reveals metabolic alterations that steer bone tissue regeneration. <b>2023</b> , 6,	O
110	Analysis of the PARP1, ADP-Ribosylation and TRIP12 Triad with Markers of Patient Outcome in Human Breast Cancer. <b>2023</b> , 100167	O

109	Proteomics analysis of human breast milk by two-dimensional polyacrylamide gel electrophoresis (2D-PAGE) coupled with mass spectrometry to assess breast cancer risk.	0
108	Sigma-2 Receptors From Basic Biology to Therapeutic Target: A Focus on Age-Related Degenerative Diseases. <b>2023</b> , 24, 6251	O
107	Conserved transcription factors promote cell fate stability and restrict reprogramming potential in differentiated cells. <b>2023</b> , 14,	0
106	Mapping pQTLs of circulating inflammatory proteins identifies drivers of immune-related disease risk and novel therapeutic targets.	O
105	Deep learning neural network image analysis of immunohistochemical protein expression reveals a significantly reduced expression of biglycan in breast cancer. <b>2023</b> , 18, e0282176	0
104	The role ofLimch1alternative splicing in skeletal muscle function. <b>2023</b> , 6, e202201868	O
103	Low expression of SLC34A1 is associated with poor prognosis in clear cell renal cell carcinoma. <b>2023</b> , 23,	0
102	An ancient testis-specific IQ motif-containing H gene regulates specific transcript isoform expression during spermatogenesis. <b>2023</b> , 150,	O
101	Alkaptonuria IPast, present and future. 2023,	0
100	A retrospective analysis of phosphatase catalytic subunit gene variants in patients with rare disorders identifies novel candidate neurodevelopmental disease genes. 11,	O
99	Mice deficient for G-protein coupled receptor 75 display altered presynaptic structural protein expression and disrupted fear conditioning recall.	0
98	The Fragile X Protein Family in Amyotrophic Lateral Sclerosis.	O
97	Directional preference for glioblastoma cancer cell membrane encapsulated nanoparticle population: A probabilistic approach for cancer therapeutics. 14,	0
96	Ancient origins of complex neuronal genes.	O
95	The C-terminal tail of polycystin-1 suppresses cystic disease in a mitochondrial enzyme-dependent fashion. <b>2023</b> , 14,	O
94	Discovery and design of G protein-coupled receptor targeting antibodies. 2023, 18, 417-428	O
93	?????????????????????. <b>2022</b> , 34, 5-13	O
92	Negative allosteric modulation of the glucagon receptor by RAMP2. <b>2023</b> , 186, 1465-1477.e18	O

91	A genome-wide CRISPR screen maps endogenous regulators of PPARG gene expression in bladder cancer. <b>2023</b> , 26, 106525	O
90	Reprogramming anchorage dependency by adherent-to-suspension transition promotes metastatic dissemination. <b>2023</b> , 22,	O
89	Septin-3 autoimmunity in patients with paraneoplastic cerebellar ataxia. 2023, 20,	O
88	Vestigial-like 1 (VGLL1): An ancient co-transcriptional activator linking wing, placenta, and tumor development. <b>2023</b> , 1878, 188892	О
87	miR-6087 Might Regulate Cell Cycle <b>R</b> elated mRNAs During Cardiomyogenesis of hESCs. <b>2023</b> , 17, 11779322	23151619
86	The m6A-regulation and single cell effect pattern in sunitinib resistance on clear cell renal cell carcinoma: Identification and validation of targets. 14,	Ο
85	Neuroglobin plays as tumor suppressor by disrupting the stability of GPR35 in colorectal cancer. <b>2023</b> , 15,	0
84	Candidate biomarkers from the integration of methylation and gene expression in discordant autistic sibling pairs. <b>2023</b> , 13,	О
83	Receptor Elimination by E3 Ubiquitin Ligase Recruitment (REULR): A Targeted Protein Degradation Toolbox. <b>2023</b> , 12, 1081-1093	0
82	Identification of Bone Metastatic and Prognostic Alternative Splicing Signatures in Prostate Adenocarcinoma.	Ο
81	Metaboverse enables automated discovery and visualization of diverse metabolic regulatory patterns. <b>2023</b> , 25, 616-625	0
80	Cytoplasmic YAP1-mediated ESCRT-III assembly promotes autophagic cell death and is ubiquitinated by NEDD4L in breast cancer.	О
79	Revisiting the Role of NAG across the Continuum of Kidney Disease. <b>2023</b> , 10, 444	0
78	DNAJB7 is dispensable for male fertility in mice. <b>2023</b> , 21,	O
77	Transcriptomic analyses reveal regional signatures in lung allograft recipients.	0
76	Ribosomal protein RPL39L is an efficiency factor in the cotranslational folding of proteins with alpha helical domains.	О
75	Equilibrative nucleoside transporter 3 promotes the progression of hepatocellular carcinoma by regulating the AKT/mTOR signaling pathway. <b>2023</b> , 124323	0
74	Murine Coronavirus Disease 2019 Lethality Is Characterized by Lymphoid Depletion Associated with Suppressed Antigen-Presenting Cell Functionality. <b>2023</b> ,	O

73	Cell surface proteomics reveal a strategy for targeting myeloma through combinatorial targeting of TNFRSF8 and TMPRSS11E.	0
72	Differential regulation of Retinoic Acid Metabolism in Fanconi Anemia.	O
71	GENOME REPORT: Chromosome-scale genome assembly of the African spiny mouse (Acomys cahirinus).	0
70	Identification of prognostic signature of cancer-associated fibroblasts associated with castration resistance prostate cancer based on Weighted Gene Co-expression Network Analysis.	O
69	Escape from oncogene-induced senescence is controlled by POU2F2 and memorized by chromatin scars. <b>2023</b> , 3, 100293	О
68	Integrated Placental Modelling of Histology with Gene Expression to Identify Functional Impact on Fetal Growth. <b>2023</b> , 12, 1093	O
67	Integrative analysis of mitochondrial metabolic reprogramming in early-stage colon and liver cancer.	0
66	Identification of LMAN1 and SURF4 dependent secretory cargoes.	o
65	Reinstating targeted protein degradation with DCAF1 PROTACs in CRBN PROTAC resistant settings.	0
64	Plasma proteomic changes in response to exercise training are associated with cardiorespiratory fitness adaptations. <b>2023</b> , 8,	o
63	Unveiling the Genomic Basis of Chemosensitivity in Sarcomas of the Extremities: An Integrated Approach for an Unmet Clinical Need. <b>2023</b> , 24, 6926	0
62	RUNX2 and Cancer. <b>2023</b> , 24, 7001	O
61	Astrocytic LRRK2 Controls Synaptic Connectivity through ERM Phosphorylation.	O
60	Peripheral Modulators of Appetite in Eating Disorders. <b>2023</b> , 1-20	o
59	Use of physiological based pharmacokinetic modeling for cross-species prediction of pharmacokinetic and tissue distribution profiles of a novel niclosamide prodrug. 14,	O
58	Urinary complement proteins in IgA nephropathy progression from a relative quantitative proteomic analysis. 11, e15125	O
57	A Multi-Tissue Gene Expression Atlas of Water Buffalo (Bubalus bubalis) Reveals Transcriptome Conservation between Buffalo and Cattle. <b>2023</b> , 14, 890	О
56	Comparative analysis of myoglobin in Cetaceans and humans reveals novel regulatory elements and evolutionary flexibility.	O

55	Expression of TFRC helps to improve the antineoplastic effect of Ara-C on AML cells through a targeted delivery carrier. <b>2023</b> , 21,	O
54	HIGD2A silencing impairs hepatocellular carcinoma growth via inhibiting mitochondrial function and the MAPK/ERK pathway. <b>2023</b> , 21,	O
53	Prenatal CFAP53-related laterality defect: case report and review of the literature. 2023, 36,	O
52	Identification of Metabolism-Related Proteins as Biomarkers of Insulin Resistance and Potential Mechanisms of m6A Modification. <b>2023</b> , 15, 1839	O
51	ARDitox: platform for the prediction of TCRs potential off-target binding.	O
50	Spatial proteomics of human diabetic kidney disease, from health to class III.	O
49	Toxicity prediction using target, interactome, and pathway profiles as descriptors. 2023,	О
48	Central Modulators of Appetite in Eating Disorders. <b>2023</b> , 1-22	O
47	Small GTPase control of pituitary hormone secretion: Evidence from studies in the goldfish (Carassius auratus) neuroendocrine model. <b>2023</b> , 339, 114287	O
46	Cancer heterogeneity is defined by normal cellular trade-offs.	O
45	Identification of hub genes and biological process analysis of otosclerosis patients based on WGCNA analysis.	
	Wdenty undrysis.	0
44	Evaluating cancer cell line and patient-derived xenograft recapitulation of tumor and non-diseased tissue gene expression profiles.	0
44	Evaluating cancer cell line and patient-derived xenograft recapitulation of tumor and non-diseased	
	Evaluating cancer cell line and patient-derived xenograft recapitulation of tumor and non-diseased tissue gene expression profiles.  Senescence-specific translation dysregulation desensitizes cells to stress by inhibiting activation of	O
43	Evaluating cancer cell line and patient-derived xenograft recapitulation of tumor and non-diseased tissue gene expression profiles.  Senescence-specific translation dysregulation desensitizes cells to stress by inhibiting activation of the integrated stress response.  Specific pupylation as IDEntity reporter (SPIDER) for the identification of protein-biomolecule	0
43	Evaluating cancer cell line and patient-derived xenograft recapitulation of tumor and non-diseased tissue gene expression profiles.  Senescence-specific translation dysregulation desensitizes cells to stress by inhibiting activation of the integrated stress response.  Specific pupylation as IDEntity reporter (SPIDER) for the identification of protein-biomolecule interactions.  ALAN is a computational approach that interprets genomic findings in the context of tumor	0 0
43 42 41	Evaluating cancer cell line and patient-derived xenograft recapitulation of tumor and non-diseased tissue gene expression profiles.  Senescence-specific translation dysregulation desensitizes cells to stress by inhibiting activation of the integrated stress response.  Specific pupylation as IDEntity reporter (SPIDER) for the identification of protein-biomolecule interactions.  ALAN is a computational approach that interprets genomic findings in the context of tumor ecosystems. 2023, 6,	O O

37	Targeting IL-6 trans-signalling: past, present and future prospects.	О
36	The RNA helicase DDX1 associates with the nuclear RNA exosome and modulates R-loops.	O
35	Meta-analysis of published cerebrospinal fluid proteomics data identifies and validates metabolic enzyme panel as Alzheimer∃ disease biomarkers. <b>2023</b> , 4, 101005	0
34	Ameliorating effect of probiotic on nonalcoholic fatty liver disease and lipolytic gene expression in rabbits. <b>2023</b> , 13,	O
33	COMMD3 loss drives invasive breast cancer growth by modulating copper homeostasis. 2023, 42,	0
32	NALCN is a potential biomarker and therapeutic target in human cancers. 14,	O
31	Identification of Key Extracellular Proteins and miRNAs for Use as Diagnostic Biomarkers of Temporomandibular Joint Osteoarthritis.	0
30	Prognostic Value and Immunological Role of MMRN1: A Rising Star in Cancer.	Ο
29	Diabetes Mellitus and Aortic Stenosis head to head: toward personalized medicine in patients with both pathologies. <b>2023</b> ,	0
28	Cryostress induces fragmentation and alters the abundance of sperm transcripts associated with fertilizing competence and reproductive processes in buffalo.	Ο
27	The Role of TGF-B in Radiation Response. <b>2023</b> , 24, 7614	0
26	Proteomic profiling of cutaneous melanoma explains the aggressiveness of distant organ metastasis.	O
25	Prenatal Exposure to Metabolism-Disrupting Chemicals, Cord Blood Transcriptome Perturbations, and Birth Weight in a Belgian Birth Cohort. <b>2023</b> , 24, 7607	0
24	Computational screen to identify potential targets for immunotherapeutic identification and removal of senescence cells.	O
23	The Antiepileptic Drug Oxcarbazepine Inhibits the Growth of Patient-Derived Isocitrate Dehydrogenase Mutant Glioma Stem-like Cells. <b>2023</b> , 12, 1200	O
22	The Metal-binding Protein Atlas (MbPA): an integrated database for curating metalloproteins in all aspects. <b>2023</b> , 168117	O
21	Cytosolic Enzymes Generate Cannabinoid Metabolites 7-Carboxycannabidiol and 11-Nor-9-carboxytetrahydrocannabinol.	0
20	Germ cell-specific proteins AKAP4 and ASPX facilitate identification of rare spermatozoa in non-obstructive azoospermia. <b>2023</b> , 100556	O

19	H2A monoubiquitination: insights from human genetics and animal models.	0
18	Computational design and molecular dynamics simulations suggest the mode of substrate binding in ceramide synthases. <b>2023</b> , 14,	О
17	Pharmacokinetics of N,N-dimethyltryptamine in Humans.	0
16	Review of the oral toxicity of cannabidiol (CBD). <b>2023</b> , 113799	O
15	Pharmacogenetics of tenofovir renal toxicity in HIV-positive Southern Africans. Publish Ahead of Print,	0
14	Periaqueductal grey and spinal cord pathology contribute to pain in Parkinson disease. 2023, 9,	O
13	Prospective Blood Transcriptomics Study in a Motor Vehicle Collision Cohort Identified a Protective Function of the SAMD15 Gene Against Chronic Pain. <b>2023</b> ,	0
12	Key Genes, Altered Pathways and Potential Treatments for Muscle Loss in Astronauts and Sarcopenic Patients.	O
11	Methotrexate suppresses psoriatic skin inflammation by inhibiting muropeptide transporter SLC46A2 activity. <b>2023</b> , 56, 998-1012.e8	0
10	CircZBTB44 promotes renal carcinoma progression by stabilizing HK3 mRNA structure. <b>2023</b> , 22,	O
9	FXYD2 antisense oligonucleotide provides an efficient approach for long-lasting relief of chronic peripheral pain. <b>2023</b> , 8,	0
8	Inferring secretory and metabolic pathway activity from omic data with secCellFie.	О
7	Harnessing the cooperation between DNA-PK and cGAS in cancer therapies.	O
6	Bioinformatic analyzes and validation of cystathionine gamma-lyase as a prognostic biomarker and related to immune infiltrates in hepatocellular carcinoma. <b>2023</b> , 9, e16152	o
5	A ferroptosis-related gene in Helicobacter pylori infection, SOCS1, serves as a potential prognostic biomarker and corresponds with tumor immune infiltration in stomach adenocarcinoma: In silico approach. <b>2023</b> , 119, 110263	0
4	The clinical value of proneural, classical and mesenchymal protein signatures in WHO 2021 adult-type diffuse lower-grade gliomas. <b>2023</b> , 18, e0285732	O
3	The Glomerulus Multiomics Analysis Provides Deeper Insights into Diabetic Nephropathy.	0
2	Supervised Learning and Multi-Omics Integration Reveals Clinical Significance of Inner Membrane Mitochondrial Protein (IMMT) in Prognostic Prediction, Tumor Immune Microenvironment and Precision Medicine for Kidney Renal Clear Cell Carcinoma. <b>2023</b> , 24, 8807	О

Deep sampling of gRNA in the human genome and deep-learning-informed prediction of gRNA activities. **2023**, 9,

О