

Article Title	Journal Full Name	Year	Month	Vol.	Issue	Pages
Kinomic exploration of temozolomide and radiation resistance in Glioblastoma multiforme xenografts	Radiotherapy & Oncology	2014	May	5	in press	67
FMRP S499 Is Phosphorylated Independent of mTORC1-S6K1 Activity	PLoS One	2014	May	9	5	e96956
Control systems of membrane transport at the interface between the endoplasmic reticulum and the Golgi	Developmental Cell	2014	August	30	3	280-294
Protein microarrays in proteome-wide applications	Proteomics & Bioinformatics	2014	Apr	S12	001	
Topical CpG adjuvantation of a protein-based vaccine induces protective immunity to <i>Listeria monocytogenes</i>	Clinical & Vaccine Immunology	2014	Jan	21	3	329-339
In Vitro treatment of melanoma brain metastasis by simultaneously targeting the MAPK and PI3K signaling pathways	International Journal of Molecular Sciences	2014	May	15	5	8773-8794
Novel osteoprotegerin protein interactions regulate pulmonary arterial smooth muscle cell survival and proliferation	ATS Journals	2014	May	100	Suppl 3	a102-103
183 Novel OPG protein interactions regulate survival, proliferation and Pdg-associated gene expression in pulmonary arterial smooth muscle cells	Heart	2014	June	100	Suppl 3	a102-103
Kinase Control of Latent HIV-1 Infection: PIM-1 Kinase as a Major Contributor to HIV-1 Reactivation	Journal of Virology	2014	Jan	88	1	364-376
Examining the protective role of ErbB2 modulation in human induced pluripotent stem cell-derived cardiomyocytes	Toxicological Sciences	2014	Jul		ahead of print	
Synthesis, structure activity relationships and biological activity evaluation of novel spirocyclic thiazolidin-4-ones as potential anti-breast cancer and epidermal growth factor receptor inhibitors	Drug Research (Stuttgart)	2014	Jan	64	1	23-30
A role for Raptor phosphorylation in the mechanical activation of mTOR signaling	Cellular Signalling	2014	Feb	26	2	313-322
Targeting multiple key signaling pathways in melanoma using Leelamine	Molecular Cancer Therapeutics	2014	Mar		ahead of print	
DEspR roles in tumor vasculo-angiogenesis, invasiveness, CSC-survival and anoikis resistance: A 'common receptor coordinator' paradigm	PLoS One	2014	Jan	9	1	e85821
Phospho-aspirin (MDC-22) inhibits breast cancer in preclinical animal models: an effect mediated by EGFR inhibition, p53 acetylation and oxidative stress	BioMed Central Cancer	2014	Feb	14	141	
Autonomous growth and increased cytotoxicity of natural killer cells expressing membrane-bound interleukin-15	Blood	2014	Jul		ahead of print	
CaMKII and stress mix it up in mitochondria	Frontiers in Pharmacology	2014	May		ahead of print	
Mass spectrometry-driven phosphoproteomics: patterning the systems biology mosaic	WIREs Developmental Biology	2014	Jan/Feb	3	1	83-112
Molecular basis of crosstalk between oncogenic Ras and the master regulator of hematopoiesis GATA-2	EMBO Reports	2014	Jul		ahead of print	
Leelamine mediates cancer cell death through inhibition of intracellular cholesterol transport	Molecular Cancer Therapeutics	2014	Mar		ahead of print	
Phosphokinase antibody arrays on dendron-coated surface	PLoS One	2014	May	9	5	e96456
Hepatic signaling by the mechanistic target of rapamycin complex 2 (mTORC2)	The Journal of the Federation of American Societies for Experimental Biology	2014	Jan	28	1	300-315
Expression analysis of ATAD3 isoforms in rodent and human cell lines and tissues	Gene	2014	Feb	535	1	60-69
Neuronal deletion of GSK3beta increases microtubule speed in the growth cone and enhances axon regeneration via CRMP-2 and independently of MAP1B and CLASP2	BMC Biology	2014	June	12	1	47
Global signaling effects of a schizophrenia-associated missense mutation in neuregulin 1: an exploratory study using whole genome and novel kinome approaches.	Journal of Neural Transmission	2014	May	121	5	479-490
The estrogen receptor β -PI3K/Akt pathway mediates the cytoprotective effects of tocotrienol in a cellular Parkinson's disease model	Biochimica et Biophysica Acta - Molecular Basis of Disease	2014	Apr		ahead of print	
Acute Phencyclidine treatment induces extensive and distinct protein phosphorylation in rat frontal cortex	Journal of Proteome Research	2014	Feb	13	3	1578-1592
Mechanistic evaluation of QD232 in pancreatic cancer	British Journal of Pharmacology	2014	August		ahead of print	
Immature truncated O-glycophenotype of cancer directly induces oncogenic features	PNAS	2014	August		ahead of print	
Integrating omics into the cardiac differentiation of human pluripotent stem cells	WIREs Systems Biology & Medicine	2014	Jul/Aug	6	4	311-328
Elucidating the role of β 3-receptors in perivascular adipose tissue	Heart	2014	June	100	3	A102
p70S6 kinase mediates breast cancer cell survival in response to surgical wound fluid stimulation	Molecular Oncology	2014	May	8	3	766-780
Design, synthesis and biological evaluation of type-II VEGFR-2 inhibitors based on quinoxaline scaffold	Bioorganic Chemistry	2014	May		in press	
The mechanistic target for rapamycin pathway is related to the phosphorylation score for estrogen receptor- α in human breast tumors in vivo	Breast Cancer Research	2014	May	16	R49	

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Classification of intrinsically disordered regions and proteins	Chemical Reviews	2014	Apr		ahead of print	
RECK controls breast cancer metastasis by modulating a convergent, STAT3-dependent neoangiogenic switch	Oncogene	2014	June		ahead of print	
Human Noxin is an anti-apoptotic protein in response to DNA damage of A549 non-small cell lung carcinoma	International Journal of Cancer	2014	June	134	11	2595-2604
YAP-induced resistance of cancer cells to antitubulin drugs is modulated by a Hippo-independent pathway	Cancer Research	2014	May		ahead of print	
Structural Biology: Modeling applications and techniques at a glance	Journal of Paramedical Sciences	2013	Winter	4	1	139-151
CDP-choline neuroprotection and vascular remodeling via IRS-1 mechanisms in vascular dementia	Majmaah Journal of Health Sciences	2013	February	1	1	11-16
A requirement for WT Ras Isoforms in mutant KRas-driven signaling and transformation	Biochemical Journal	2013	March	452	2	313-320
Multifunctional nanocarriers for biomedical applications	Colloidal Nanocrystals for Biomedical Applications VIII	2013	February	8595	-	-
Multivalent proteoglycan modulation of FGF mitogenic responses in perivascular cells	Angiogenesis	2013	April	6	2	309-327
HRG regulates tumor progression, epithelial to mesenchymal transition and metastasis via platelet-induced signaling in the pre-tumorigenic microenvironment.	Angiogenesis	2013	October	16	4	889-902
A Chimeric Receptor with NKG2D Specificity Enhances Natural Killer Cell Activation and Killing of Tumor Cells	Cancer Research	2013	March	73	6	1777-1786
Aerosol Administration of Phospho-Sulindac Inhibits Lung Tumorigenesis.	Molecular Cancer Therapeutics	2013	July	12	8	-
A High-Content Small Molecule Screen Identifies Sensitivity of Glioblastoma Stem Cells to Inhibition of Polo-Like Kinase 1	PloS One	2013	October	8	10	
Tumor suppressor activity of the ERK/MAPK pathway by promoting selective protein degradation.	Genes & Development	2013	April	27	8	900-915
Autocrine role for Gas6 with Tyro3 and Axl in leiomyosarcomas	Target Oncology	2013	December	8	4	261-269
OMICS of Human Sperm: Profiling Protein Phosphatases.	Omics: Journal of Integrative Biology	2013	September	17	9	460-472
Review Article: Modeling to Optimize Terminal Stem Cell Differentiation	Scientifica	2013		2013	-	-
Extracellular vesicles as prospective carriers of oncogenic protein signatures in adult and paediatric brain tumours	Proteomics	2013	May	13	10-11	1595-1607
The Trop-2 signalling network in cancer growth	Oncogene	2013	March	32	12	1594-1600
Phosphorylation at intrinsically disordered regions of PAM2 motif-containing proteins modulates their interactions with PABPC1 and influences mRNA fate	RNA Society	2013	March	19	3	295-305
Cyclic Dinucleotides Trigger ULK1 (ATG1) Phosphorylation of STING to Prevent Sustained Innate Immune Signaling	Cell	2013	October	155	3	p. 688-698
Signaling proteins in spinal parenchyma and dorsal root ganglion in rat with spinal injury-induced spasticity	Journal of Proteomics	2013	July	91	C	41-57
Distinct set of kinases induced after retrieval of spatial memory discriminate memory modulation processes in the mouse hippocampus.	Hippocampus	2013	March	-	-	-
A Cancer-Associated Mutation in Atypical Protein Kinase C(ζ) Occurs in a Substrate-Specific Recruitment Motif	Sci. Signal	2013	September	6	293	ra82
Targeting Mitochondrial STAT3 with the Novel Phospho-Valproic Acid (MDC-1112) Inhibits Pancreatic Cancer Growth in Mice.	PloS One	2013	May	8	5	e61532
ERK1/2 pathway is activated in degenerated Rpe65-deficient mice	Experimental Eye Research	2013	November	116		86-95
Multiple signal transduction pathways are involved in G2/M growth arrest and apoptosis induced by the immunomodulator AS101 in multiple myeloma.	Leukemia & Lymphoma	2013	January	54	1	160-166
Canonical and Noncanonical Wnt Proteins Program Dendritic Cell Responses for Tolerance	Journal of Immunology	2013	June	190	12	6126-6134
Functional characterization of cancer-associated Gab1 mutations	Oncogene	2013	May	32	21	2696-2702
Reversal of chemosensitivity and induction of cell malignancy of a non-malignant prostate cancer cell line upon extracellular vesicle exposure	Molecular Cancer	2013	October	12	118	-
PKC θ expression in the amygdala regulates insulin signaling, food intake and body weight	Obesity: A research Journal	2013	April	21	5	755-764
Tissue Factor Induces Human Coronary Artery Smooth Muscle Cell Motility through Wnt-Signalling.	Journal of Thrombosis and Haemostasis	2013	October	11	10	1880-1891
Identification of novel signalling roles and targets for G α and G $\beta\gamma$ downstream of the insulin-like growth factor 1 receptor in vascular smooth muscle cells	The Biochemical Journal	2013	February	450	1	209-219

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Identification of an Effective Early Signaling Signature during Neo-Vasculogenesis In Vivo by Ex Vivo Proteomic Profiling.	PloS One	2013	June	8	6	e66909
Discovery of new HER2/EGFR dual kinase inhibitors based on the anilinoquinazoline scaffold as potential anti-cancer agents	Journal of Enzyme Inhibition and Medicinal Chemistry	2013	February	29	2	215-222
Overview of protein microarrays.	Current Protocols in Protein Science	2013	April	27	1	-
Differential Gene Expression in Thrombomodulin (TM; CD141)+ and TM- Dendritic Cell Subsets	PLOS One	2013	August	8	8	41652
Babesia divergens and Neospora caninum apical membrane antigen 1 structures reveal selectivity and plasticity in apicomplexan parasite host cell invasion	Protein Science	2013	January	22	1	114-127
Les applications industrielles de la bio-informatique	Annales des Mines - Réalités industrielles	2013	February	2013		17-23
Ablation of SGK1 impairs endothelial cell migration and tube formation leading to decreased neo-angiogenesis following myocardial infarction	PloS One	2013	November	8	11	
MKNK1 is a YB-1 target gene responsible for imparting trastuzumab resistance and can be blocked by RSK inhibition	Oncogene	2012	October	31	41	4434-4446
Multiplexed high content screening reveals that cigarette smoke condensate-altered cell signaling pathways are accentuated through FAK inhibition in human bronchial cells	International Journal of Toxicology	2012	June	31	3	257-266
Tracheal Morphologic and Protein Alterations Following Short-Term Cigarette Mainstream Smoke Exposure to Rats	Journal of Toxicological Pathology	2012	September	25	3	201-207
Expression2Kinases: mRNA profiling linked to multiple upstream regulatory layers	Bioinformatics, (Oxford, England)	2012	January	28	1	105-111
Bio-orthogonal polymer coatings for co-presentation of biomolecules	Macromolecular Rapid Communications	2012	April	33	8	640-645
Applying ligands profiling using multiple extended electron distribution based field templates and feature trees similarity searching in the discovery of new generation of urea-based antineoplastic kinase inhibitors.	PlosOne	2012	November	7	11	e49284
β 1 Integrin/FAK/cortactin signaling is essential for human head and neck cancer resistance to radiotherapy	The Journal of Clinical Investigation	2012	April	122	4	1529-1540
Hypoxia reduces the response of human adipocytes towards TNF α resulting in reduced NF- κ B signaling and MCP-1 secretion	International Journal of Obesity	2012	July	36	7	986-992
Identification of new aminoacid amides containing the imidazo[2,1-b] benzothiazol-2-ylphenyl moiety as inhibitors of tumorigenesis by oncogenic Met signaling	European Journal of Medicinal Chemistry	2012	January	47	1	239-254
Combined drug action of 2-phenylimidazo[2,1-b]benzothiazole derivatives on cancer cells according to their oncogenic molecular signatures	PlosOne	2012	October	7	10	e46738
Cre transgene results in global attenuation of the cAMP/PKA pathway	Cell Death & Disease	2012	August	3	8	365
The contribution of protein kinase C and CPI-17 signaling pathways to hypercontractility in murine experimental colitis	Neurogastroenterology & Motility	2012	January	24	1	e15-e26
α -Mangostin, a xanthone from mangosteen fruit, promotes cell cycle arrest in prostate cancer and decreases xenograft tumor growth	Carcinogenesis	2012	February	33	2	413-419
Targeting MCL-1 sensitizes FLT3-ITD-positive leukemias to cytotoxic therapies	Blood Cancer Journal	2012	March	2	3	e60
Citicolone induces angiogenesis improving survival of vascular/human brain microvessel endothelial cells through pathways involving ERK1/2 and insulin receptor substrate-1	Vascular Cell	2012	December	4	1	20
Novel 5'TOPmRNAs regulated by ribosomal S6 kinase are important for cardiomyocyte development: S6 kinase suppression limits cardiac differentiation and promotes pluripotent cells towards a neural lineage	Stem Cells and Development	2012	June	21	9	1538-1548
Protein phosphatase - 1M and Rho - kinase affect exocytosis from cortical synaptosomes and influence neurotransmission at a glutamatergic giant synapse of the rat auditory system	Journal of Neurochemistry	2012	October	123	1	84-99
Pro-GRP-derived peptides are expressed in colorectal cancer cells and tumors and are biologically active in vivo	Endocrinology	2012	March	153	3	1082-1092
Gene expression and protein array studies of folliculin-regulated pathways.	Anticancer Research	2012	November	32	11	4663-4670
Therapeutic potential of MEK inhibition in acute myelogenous leukemia: rationale for "vertical" and "lateral" combination strategies	Journal of Molecular Medicine	2012	October	90	10	1133-1144
Characterization of a novel phosphorylation site in the sodium-chloride cotransporter, NCC	Journal of Physiology	2012	December	1	590	6121-6139
Stac3 epitopes and their application as biomarkers to detect specific IgE	Molecular immunology	2012	April	50	4	271-277

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S - adenosyl methionine regulates ubiquitin - conjugating enzyme 9 protein expression and sumoylation in murine liver and human cancers	Hepatology	2012	September	56	3	982-993
REVIEWS: Extracellular Phosphorylation and Phosphorylated Proteins: Not Just Curiosities But Physiologically Important	Science Signaling	2012	December	5	255	re7
Protein microarrays and their potential clinical applications in the era of personalized medicine	Microarrays in Diagnostics and Biomarker Development	2012	-	Ch. 6	-	55-80
General presentation of peptide arrays with some examples of implementation	Microarrays in Diagnostics and Biomarker Development	2012	-	Ch.7	-	81-112
Using protein microarrays to study phosphorylation-mediated signal transduction	Seminars in Cell & Developmental Biology	2012	October	23	8	872-882
Cdc42 negatively regulates intrinsic migration of highly aggressive breast cancer cells	Journal of Cellular Physiology	2012	April	227	4	1399-1407
Site-specific hyperphosphorylation of pRb in HIV-induced neurotoxicity	Molecular and Cellular Neuroscience	2011	June	47	2	154-165
Antibody Microarrays in Proteome Profiling / Chapter 9. Chip-Based Proteomics	Molecular Analysis and Genome Discovery, Second Edition	2011	October	-	Ch 10	-
Fibronectin and β -catenin act in a regulatory loop in dermal fibroblasts to modulate cutaneous healing	Journal of Biological Chemistry	2011	August	286	31	27687-27697
Selection and Validation of Antibodies for Signal Transduction Immunohistochemistry	Methods in Molecular Biology	2011	April	717	1	45-53
Blocking epidermal growth factor receptor signaling in HTR-8/SVneo first trimester trophoblast cells results in dephosphorylation of PKB α /AKT and induces apoptosis	Obstetrics and Gynecology International	2011	August	2011	-	1-8
Small molecule inhibitors of ezrin inhibit the invasive phenotype of osteosarcoma cells	Oncogene	2011	June	31	3	269-281
Proteomic Analyses of Lung Lysates from Short-Term Exposure of Fischer 344 Rats to Cigarette Smoke	Journal of Proteome Research	2011	August	10	8	3720-3731
YB-1 drives preneoplastic progression: Insight into opportunities for cancer prevention	Oncotarget	2011	May	2	5	401-406
Phosphoproteomic Profiling of In Vivo Signaling in Liver by the Mammalian Target of Rapamycin Complex 1 (mTORC1)	PloS One	2011	April	6	6	e21729
Protein Phosphatase 1 Complexes Modulate Sperm Motility and Present Novel Targets For Male Infertility	Molecular Human Reproduction	2011	August	17	8	466-477
Global cellular changes induced by Legionella pneumophila infection of bone marrow-derived macrophages	Immunobiology	2011	December	216	12	1274-1285
AVR/NAVR deficiency lowers blood pressure and differentially affects urinary concentrating ability, cognition, and anxiety-like behavior in male and female mice	Physiological Genomics	2011	January	43	1	32-42
B-Raf associates with and activates the NHE1 isoform of the NA ⁺ /H ⁺ exchanger	Journal of Biological Chemistry	2011	April	286	15	13096 - 13105
Phosphoproteomic analysis of AT ₁ receptor-mediated signaling responses in proximal tubules of angiotensin II-induced hypertensive rats	Kidney International	2011	September	80	6	620-632
An integrated genomic approach identifies ARID1A as a candidate tumor-suppressor gene in breast cancer	Oncogene	2011	September	31	16	2090-2100
Transcriptional and Phospho-proteomic screens reveal stem cell activation of Insulin-resistance and transformation pathways following a single minimally toxic episode of ROS.	International Journal of Genomics and Proteomics	2011	July	2	1	34-49
Scleroderma and related disorders223. Long Term Outcome in a Contemporary Systemic Sclerosis Cohort	Rheumatology	2011	April	50	suppl 3	129-137
Bortezomib stabilizes NOXA and triggers ROS-associated apoptosis in medulloblastoma	Journal of Neuro-Oncology	2011	December	105	3	475-483
Tyrosine kinase-independent activation of extracellular-regulated kinase (ERK) 1/2 by the insulin-like growth factor-1 receptor	Cellular Signalling	2011	April	23	4	739 - 746
Pannexin-1 Is required for ATP Release during Apoptosis but not for inflammasome activation	Journal of Immunology	2011	June	186	11	6553-6561
Human native lipoprotein-induced de novo DNA methylation is associated with repression of inflammatory genes in THP-1 macrophages	BioMed Central Genomics	2011	November	12	582	-
Phosphoproteomic analysis of Salmonella-infected cells identifies key kinase regulators and SopB-dependent host phosphorylation events	Science Signaling	2011	September	4	191	rs9
Chorionic gonadotrophin regulates CXCR4 expression in human endometrium via E-series prostanoid receptor 2 signalling to PI3K-ERK1/2: implications for fetal-maternal crosstalk for embryo implantation	Molecular Human Reproduction	2011	January	17	1	22-32
Cyclic strain upregulates VEGF and attenuates proliferation of vascular smooth muscle cells	Vascular Cell	2011	September	3	1	21
Characterization of the 41 kDa allergen Asp v 13, a subtilisin-like serine protease from Aspergillus versicolor	Molecular Immunology	2011	September	48	15-16	1827-1834
Activation of a PAK-MEK signalling pathway in malaria parasite-infected erythrocytes	Cellular Microbiology	2011	June	13	6	836 - 845
Curcumin prevents haloperidol-induced development of abnormal oro-facial movements: possible implications of Bcl-XL in its mechanism of action	Synapse	2011	August	65	8	788-794

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Expression of the progenitor marker NG2/CSPG4 predicts poor survival and resistance to ionising radiation in glioblastoma	Acta Neuropathologica	2011	October	122	4	495-510
Trophinin-mediated cell adhesion induces apoptosis of human endometrial epithelial cells through PKC- δ	Cell Cycle	2011	January	10	1	135-143
Impact of hypoxia on the expression of cell line markers and behavior of cultured glioma cell lines	Bergen Open Research Archive	2011	June	-	-	-
Chemistry of SPOT Synthesis for the Preparation of Peptide Macroarrays on Cellulose Membranes	Mini-reviews in Organic Chemistry	2011	May	8	2	114-120
SPOT synthesis as a tool to study protein-protein interactions.	Methods in Molecular Biology	2011	April	723	-	105-27
Testicular lumicrine factors regulate ERK, STAT and NFKB pathways in the initial segment of the rat epididymis to prevent apoptosis	Biology of Reproduction	2011	February	84	6	1282-1291
Discovery and Preclinical Evaluation of a Novel Class of Cytotoxic Propynoic Acid Carbamoyl Methyl Amides (PACMAs)	Journal of Medicinal Chemistry	2011	March	54	8	2902 - 2914
Intrathecal synthesized IgG in multiple sclerosis cerebrospinal fluid recognizes identical epitopes over time	Journal of Neuroimmunology	2011	December	240-241	-	129-136
Epithelial Cells Promote Fibroblast Activation via IL-1 α in Systemic Sclerosis	Journal of Investigative Dermatology	2010	September	130	9	2191-2200
Overexpression of CD97 in Intestinal Epithelial Cells of Transgenic Mice Attenuates Colitis by Strengthening Adherens Junctions	PloS One	2010	January	5	1	41285
KLF2-induced actin shear fibers control both alignment to flow and JNK signaling in vascular endothelium	Blood	2010	March	115	12	2533-2542
Patient-specific induced pluripotent stem-cell-derived models of LEOPARD syndrome	Nature	2010	June	465	7299	808-812
Mechanistic insight into the ability of American ginseng to suppress colon cancer associated with colitis	Carcinogenesis	2010	October	31	10	1734-1741
Overcoming amino-Nogo-induced inhibition of cell spreading and neurite outgrowth by 12-O-tetradecanoylphorbol-13-acetate-type tumor promoters	Journal of Biological Chemistry	2010	February	285	9	6425-6433
Role of matrix metalloproteinase-9 (MMP-9) dimers in cell migration: design of inhibitory peptides	Journal of Biological Chemistry	2010	September	285	46	35944-35956
Deficient SOCS3 and SHP-1 Expression in Psoriatic T Cells	Journal of Investigative Dermatology	2010	June	130	6	1590-1597
Mitogen Activated Protein Kinase at the Nuclear Pore Complex	Journal of Cellular and Molecular Medicine	2010	April	15	4	928-937
The third Central and Eastern European Proteomic conference	Expert Review of Proteomics	2010	February	7	1	15-17
Dasatinib Inhibits the Growth of Molecularly Heterogenous Myeloid Leukemias	Clinical Cancer Research	2010	February	16	4	1149-1158
Par3 Controls Epithelial Spindle Orientation by aPKC-Mediated Phosphorylation of Apical Pins	Current Biology	2010	October	20	20	1809-1818
Inferring the Sign of Kinase-Substrate Interactions by Combining Quantitative Phosphoproteomics with a Literature-Based Mammalian Kinome Network	International Symposium on Bioinformatics and bioengineering -proceedings	2010	April	-	-	180-184
Synthetic Peptide Arrays for Pathway-Level Protein Monitoring by Liquid Chromatography - Tandem Mass Spectrometry	Molecular and Cellular Proteomics	2010	November	9	11	2460 - 2473
Potential of the Dietary Antioxidants Resveratrol and Curcumin in Prevention and Treatment of Hematologic Malignancies	Molecules	2010	October	15	10	7035-7074
Enhanced Expression of Mitochondrial Superoxide Dismutase Leads to Prolonged In Vivo Cell Cycle Progression and Up-regulation of Mitochondrial Thioredoxin	Free Radical Biology & Medicine	2010	June	48	11	1501-1512
Helicobacter pylori proinflammatory protein upregulates NF- κ B as a cell-translocating Ser/Thr kinase	PNAS	2010	October	107	50	21418-21423
Mechanistic and Signaling Analysis of Muc4-ErbB2 Signaling Module: New Insights into the Mechanism of Ligand-Independent ErbB2 Activity	Journal of Cellular Physiology	2010	September	224	3	649-657
Widespread genomic instability mediated by a pathway involving glycoprotein Ib alpha and Aurora B kinase	The Journal of Biological Chemistry	2010	April	285	17	13183-13192
In vitro modeling of repetitive motion injury and myofascial release	Journal of Bodywork and Movement Therapies	2010	April	14	2	162-171
Enhanced activity of pSTAT-3-Ser-727 in functional endothelial cells under calcifying conditions	Current Chemical Biology	2010	May	4	2	133-144
Preclinical Evaluation of Novel Triphenylphosphonium Salts with Broad-Spectrum Activity	PloS One	2010	October	5	10	e13131
PKG and PKC Are Down-Regulated during Cardiomyocyte Differentiation from Embryonic Stem Cells: Manipulation of These Pathways Enhances Cardiomyocyte Production	Stem Cells International	2010	January	2010	-	1-10
Neutral Antibodies to the TSH Receptor Are Present in Graves' Disease and Regulate Selective Signaling Cascades	Endocrinology	2010	November	151	11	5537-5549
Low density lipoprotein receptor-related Protein 1 (LRP1) forms a signalling complex with platelet-derived Growth Factor Receptor- β in endosomes and regulates activation of MAPK pathway	The Journal of Biological Chemistry	2010	May	285	19	14308-14317

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Role of AKT-Glycogen Synthase Kinase axis in Monocyte Activation in Humans with and without Type 2 Diabetes	Journal of Cellular and Molecular Medicine	2010	June	14	6B	1396-1407
Analysis of Protein Phosphorylation in Cisplatin-Treated Human Cells Following Annexin V-based Separation and Multi-Antibody Screening	Cancer Genomics and Proteomics	2010	October	7	5	279-286
Prediction of 492 human protein kinase substrate specificities.	Proteome Science	2010	October	9	Supplement 1	S6
Virus-Induced Ca ²⁺ Influx Extends Survival of West Nile Virus-Infected Cells	Journal of Virology	2010	September	84	17	8721-8731
Gossypol induces apoptosis by activating p53 in prostate cancer cells and prostate tumor-initiating cells	Molecular Cancer Therapeutics	2010	February	9	2	461-470
p-MAPK1/3 and DUSP6 regulate epididymal cell proliferation and survival in a region-specific manner in mice	Biology of Reproduction	2010	November	83	5	807-817
Toward a complete in silico, multi-layered embryonic stem cell regulatory network	WIREs Systems Biology and Medicine	2010	November	2	6	708-733
Peptide reactivity between multiple sclerosis (MS) CSF IgG and recombinant antibodies generated from clonally expanded plasma cells in MS CSF	Journal of Neuroimmunology	2010	April	233	1-2	192-203
NADPH oxidase-4 mediates protection against chronic load-induced stress in mouse hearts by enhancing angiogenesis	PNAS	2010	October	107	42	18121-18126
Intraneuronal signaling pathways of metallothionein	Journal of Neuroscience Research	2009	April	87	13	2923-2936
Host pathogen interactions of atinobacillus pleuropneumoniae with porcine: lung and tracheal epithelial cells	Infection and Immunity	2009	April	77	4	1436-1441
Sensing of dietary lipids by enterocytes: A new role for SR-BI/CLA-1	PLoS One	2009	January	4	1	e4278
Quantitative in situ detection of phosphoproteins in fixed tissues using quantum dot technology	Journal of Histochemistry and Cytochemistry	2009	July	57	7	701-708
Involvement of GSK-3 in regulation of murine embryonic stem cell self-renewal revealed by a series of bisindolylmaleimides.	Chemistry & Biology	2009	January	6	1	15-27
A novel molecular mechanism of primary resistance to FLT3-kinase inhibitors in AML	Blood	2009	April	113	17	4063-4073
Elucidation of the molecular mechanisms of a salicylhydrazide class of compounds by proteomic analysis	Current Cancer Drug Targets	2009	March	9	2	189-201
Proteomic analysis of GTP cyclohydrolase 1 multiprotein complexes in cultured normal adult human astrocytes under both basal and cytokine-activated conditions	Proteomics	2009	April	9	7	1850-1860
Chaperonin 10 as an endothelial-derived differentiation factor: role of glycogen synthase kinase-3	Journal of Cellular Physiology	2009	May	219	2	470-476
Regulator of calcineurin (RCAN1-1L) is deficient in Huntington disease and protective against mutant huntingtin toxicity <i>in vitro</i>	Journal of Biological Chemistry	2009	May	284	18	11845-11853
Interference of cell cycle progression by zidovudine and lamivudine in NIH 3T3 cells	Mutagenesis	2009	March	24	2	133-141
Salmonella enterica typhimurium SipA induces CXC-chemokine expression through p38MAPK and JUN pathways	Microbes and Infection	2009	February	11	2	302-310
Galectin-1 co-clusters CD43/CD45 on dendritic cells and induces cell activation and migration through Syk and protein kinase C signaling	The Journal of Biological Chemistry	2009	September	284	39	26860-26870
IKK β and the anti-adipogenic effect of platelet-derived growth factor in human abdominal subcutaneous preadipocytes	Journal of Endocrinology	2009	April	201	1	75-80
TNF-like weak inducer of apoptosis (TWEAK) induces inflammatory and proliferative effects in human kidney cells	Cytokine	2009	April	46	1	24-35
The molecular pathways behind bladder stretch injury	Journal of Pediatric Urology	2009	February	5	1	13-16
Hippocampal Fyn activity regulates extinction of contextual fear	NeuroReport	2009	October	20	16	1461-1465
Highly infiltrative brain tumours show reduced chemosensitivity associated with a stem cell-like phenotype	Neuropathology and Applied Neurobiology	2009	August	35	4	380-393
Effects of the sesquiterpene lactone parthenolide on prostate tumor-initiating cells: an integrated molecular profiling approach	The Prostate	2009	June	69	8	827-837
G 12 inhibits β 1 integrin-mediated madin-darby canine kidney cell attachment and migration on collagen-I and blocks tubulogenesis	Molecular Biology of the Cell	2009	November	20	21	4596-4610
Membrane-permeant phosphoinositide derivatives as modulators of growth factor signaling and neurite outgrowth	Chemistry & Biology	2009	November	16	11	1190-1196
Mechanisms of vascular smooth muscle NADPH oxidase 1 (Nox1) contribution to injury-induced neointimal formation	Arteriosclerosis, Thrombosis, and Vascular Biology	2009	April	29	4	480-487

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AKT/eNOS signaling module functions as a potential feedback loop in the growth hormone signaling pathway	Journal of Molecular Signaling	2009	March	4	1	1-13
Regulation of inflammatory responses by gut microbiota and chemoattractant receptor GPR43	Nature	2009	October	461	7268	1282-1286
Depletion of WRN protein causes RACK1 to activate several protein kinase C isoforms	Oncogene	2009	March	29	10	1486-1497
Oligosaccharides of hyaluronan induce angiogenesis through distinct CD44 and RHAMM-mediated signalling pathways involving Cdc2 and gamma-adducin	International Journal of Oncology	2009	October	35	4	761-773
Sparse combinatorial inference with an application in cancer biology	Bioinformatics	2009	January	25	2	265-271
Vitamin D3 signalling in the brain enhances the function of phosphoprotein enriched in astrocytes – 15 kD (PEA-15)	Journal of Cellular and Molecular Medicine	2009	September	13	9b	3315-3328
PI3-K/Akt pathway targets acetylation of Smad3 through Smad3/CBP interaction; contribution to TGF- β 1-induced EBV reactivation	Journal of Biological Chemistry	2009	July	284	36	23912-23924
Kinome profiling using peptide arrays in eukaryotic cells	Methods in Molecular Biology	2009	-	527	4	269-280
PTEN loss promotes mitochondrially dependent type II fas-induced apoptosis via PEA-15	Molecular and Cellular Biology	2009	March	29	5	1222-1234
A switch in retrograde signaling from survival to stress in rapid-onset neurodegeneration	Journal of Neuroscience	2009	August	29	31	9903 - 9917
Understanding the blood–brain barrier using gene and protein expression profiling technologies	International Journal of Biochemistry & Cell Biology	2009	December	62	1	83-98
Free fatty acid-induced muscle insulin resistance and glucose uptake dysfunction: evidence for PKC activation and oxidative stress-activated signaling pathways	Biochemical and Biophysical Research Communications	2009	November	389	2	211-216
Retinal insulin receptor signaling in hyperosmotic stress (Chapter 20)	Vitamins and Hormones	2009	January	80	-	583-612
Differential effect of imatinib and synergism of combination treatment with chemotherapeutic agents in malignant glioma cells	Basic & Clinical Pharmacology & Toxicology	2009	January	104	3	241-252
Analyzing biological network parameters with CentiScaPe	Bioinformatics	2009	November	25	21	2857-2859
Paradoxical responses to neurotoxic steryl glycosides: insights from a cellular model of ALSPDC	Neurobiol Lipids	2009	January	8	1	1-5
Signal transduction and gene transcription induced by TFF3 in oral keratinocytes	European Journal of Oral Sciences	2009	October	117	5	511-517
CS1 promotes multiple myeloma cell adhesion, clonogenic growth, and tumorigenicity via c-maf–mediated interactions with bone marrow stromal cells	Blood	2009	April	113	18	4309 - 4318
Growth inhibition and regression of lung tumors by silibinin: modulation of angiogenesis by macrophage-associated cytokines and nuclear factor- κ B and signal transducers and activators of transcription 3	Cancer Prevention Research	2009	January	2	1	74-83
Protein kinase C activation stabilizes LDL receptor mRNA via the JNK pathway in HepG2 cells	Journal of Lipid Research	2009	March	50	3	386-397
Phospholipase A2-activating protein (PLAA) enhances cisplatin-induced apoptosis in HeLa cells	Cellular Signalling	2009	July	21	7	1085-1099
The effect of docetaxel (Taxotere) on human gastric cancer cells exhibiting low-dose radiation hypersensitivity	Clinical Medical Oncology	2008	March	2	-	301-311
The major chemical-detoxifying system of UDP-glucuronosyltransferases requires regulated phosphorylation supported by protein kinase C	The Journal of Biological Chemistry	2008	August	283	34	23048-23061
Naringenin has anti-inflammatory properties in macrophage and ex vivo human whole-blood models	Journal of Periodontal Research	2008	June	43	4	400-407
A licorice extract reduces lipopolysaccharide-induced proinflammatory cytokine secretion by macrophages and whole blood	Journal of Periodontology	2008	September	79	9	1752-1761
Erlotinib exhibits antineoplastic off-target effects in AML and MDS: a preclinical study	Blood Journal	2008	February	111	4	2170-2180
Host [alpha]-adducin is redistributed and localized to the inclusion membrane in Chlamydia and Chlamydoxiphila infected cells	Microbiology	2008	December	154	12	3848-3855
Protein kinase C signaling in the hypothalamic arcuate nucleus regulates sexual receptivity in female rats	Endocrinology	2008	December	149	12	5934-5942
BSPR/EBI 2007 meeting report - integrative proteomics: from molecules to systems	Proteomics	2008	January	8	2	225-229
AMPK-independent pathways regulate skeletal muscle fatty acid oxidation	Journal of Physiology	2008	December	586	23	5819-5831
Comparative molecular physiological genomics: Heterologous probing of cDNA arrays	Methods in Molecular Biology	2008	-	410	1	81-110
Protective up-regulation of CK2 mutant Huntington in cells co-expressing NMDA receptors	Journal of Neurochemistry	2008	February	104	3	790-805
Serum response factor is required for sprouting angiogenesis and vascular integrity	Developmental Cell	2008	September	15	3	448-461
1st central and eastern european proteomic conference and 3rd czech proteomic conference	Expert Review of Proteomics	2008	February	5	1	25-28

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Proteomics: technologies for protein analysis	Current Drug Metabolism	2008	March	9	3	213-220
Apoptotic-related protein expression in the diaphragm and the effect of dopamine during inspiratory resistance loading	Biological Research for Nursing	2008	April	9	4	293-300
A phosphosite screen identifies autocrine TGF- β -driven activation of protein kinase R as a survival-limiting factor for eosinophils	Journal of Immunology	2008	March	180	6	4256-4264
Functional genomics dissects pathomechanisms in thauopathies: mitosis failure and unfolded protein response	Neurodegenerative Diseases	2008	March	5	3	179-181
Is tau aggregation toxic or protective: a sensible question in the absence of sensitive methods?	Journal of Alzheimer's Disease	2008	August	14	4	423-429
Dissecting Tau-mediated toxicity in novel Tau transgenic mouse and tissue culture models	Alzheimer's and Dementia	2008	July	4	4	T184
Forced expression of the cell cycle inhibitor p57Kip2 in cardiomyocytes attenuates ischemia-reperfusion injury in the mouse heart	BMC Physiology	2008	February	8	4	-
Overlapping genes in Nalp6/PYPAF5 locus encode two V2 type vasopressin isoceptors: angiotensin-vasopressin receptor (AVR) and non-AVR	Physiological Genomics	2008	June	34	1	65-77
Sex-specific hippocampus-dependent cognitive deficits and increased neuronal autophagy in DEspR haploinsufficiency in mice	Physiological Genomics	2008	November	35	3	316-329
Activation of Fyn tyrosine kinase in the mouse dorsal hippocampus is essential for contextual fear conditioning	The European Journal of Neuroscience	2008	September	28	5	973-981
Measuring the tyrosine kinase activity: a review of biochemical and cellular assay technologies	Expert Opinion on Drug Discovery	2008	August	3	8	959-978
Structure-based design of anticancer prodrug PABA/NO	Drug Des Devel Ther.	2008	-	2	-	123-130
Carnosol a dietary diterpene, displays growth inhibitory effects in human prostate cancer PC3 cells leading to G2-Phase Cell cycle arrest and targets the 5'-AMP-Activated Protein Kinase (AMPK) Pathway	Pharmaceutical Research	2008	September	25	9	2125-2134
[α]-synuclein activates stress signaling protein kinases in THP-1 cells and microglia	Neurobiology of Aging	2008	June	29	5	739-752
<i>P. gingivalis</i> accelerates gingival epithelial cell progression through the cell cycle	Microbes and Infection	2008	February	10	2	122-128
Pertussis toxin induces angiogenesis in brain microvascular endothelial cells	Journal of Neuroscience Research	2008	May	86	12	2624-2640
Cholesteryl Glucoside Stimulates Activation of Protein Kinase B/Akt in the Motor Neuron-Derived NSC34 Cell Line	Neurobiology of Lipids	2008	October	7	4	1-20
Promiscuous coupling and involvement of protein kinase C and extracellular signal-regulated kinase 1/2 in the adenosine A1 receptor signalling in mammalian spermatozoa	Biochemical Pharmacology	2008	February	75	4	931-941
Network inference using informative priors	(PNAS) Proceedings of the National Academy of Sciences	2008	September	105	38	14313-14318
Protein phosphatase 4 regulates apoptosis, proliferation and mutation rate of human cells	Biochimica et Biophysica Acta	2008	August	1783	8	1490-1502
Neuromuscular dysfunction in the mutant superoxide dismutase mouse model of amyotrophic lateral sclerosis	Amyotrophic Lateral Sclerosis	2008	-	9	1	24-34
Biomarker identification for diagnosis of Alzheimer's disease	Informa Healthcare	2008	May	2	5	577-591
Antibody microarray analyses of signal transduction protein expression and phosphorylation during porcine oocyte maturation	Journal of Proteome Research	2008	May	7	7	2860-2871
Valproic acid inhibits A β production, neuritic plaque formation and behavioural deficits in Alzheimer's disease mouse models	Journal of Experimental Medicine	2008	November	205	12	2781-2789
Links between enhanced fatty acid flux, protein kinase C and NF κ B activation, and apoB-lipoprotein production in the fructose-fed hamster model of insulin resistance	Biochemical and Biophysical Research Communications	2008	May	370	1	134-139
Phospho-site-specific antibody microarray to study the state of protein phosphorylation in the retina.	Journal of Proteomics & Bioinformatics	2008	August	13	1	242
A comparative proteomic analysis during urodele lens regeneration	Biochemical and Biophysical Research Communications	2008	December	377	1	275-279
Sortilin-related Receptor with A-type repeats (SORLA) affects the amyloid precursor protein-dependent stimulation of ERK signaling and adult neurogenesis	The Journal of Biological Chemistry	2008	May	283	21	14826-14834
Up-regulation of Rho/ROCK Signaling in sarcoma cells drives invasion and increased generation of protrusive forces	Molecular Cancer Research	2008	September	6	9	1410-1420
Molecular signature of MT1-MMP: transactivation of the downstream universal gene network in cancer	Cancer Research	2008	June	68	11	4086-4096
Identification of the signaling mechanism underlying soluble endoglin inhibition of nitric oxide in preeclampsia	American Journal of Obstetrics and Gynecology	2008	December	199	6	S92

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In vitro growth inhibition of mouse mammary epithelial tumor cells by methylseleninic acid: involvement of protein kinases	Molecular Nutrition and Food Research	2008	November	52	11	1281-1288
Protein signaling pathways in differentiation of neural stem cells	Proteomics	2008	November	8	21	4547-4559
Treponema denticola lipooligosaccharide activates gingival fibroblasts and upregulates inflammatory mediator production	Journal of Cellular Physiology	2008	February	216	3	727-731
Proteomics and human embryonic stem cells	Stem Cell Research	2008	September	1	3	169-182
Tamoxifen neuroprotection in cerebral ischemia involves attenuation of kinase activation and superoxide production and potentiation of mitochondrial superoxide dismutase	Endocrinology	2008	January	149	1	367-379
Proteomic studies of stem cells	StemBook	2008	July	-	-	1-15
Ganglioside GD1a suppresses TNF α expression via Pkn1 at the transcriptional level in mouse osteosarcoma-derived FBJ cells	Biochemical & Biophysical Research Communications	2008	February	371	2	230-235
Mutational analysis of the FXNPXY motif within LDL receptor-related protein 1 (LRP1) reveals the functional importance of the tyrosine residues in cell growth regulation and signal transduction	Biochem Journal	2008	January	409	1	53-64
Protective effects of a compound herbal extract (Tong Xin Luo) on free fatty acid induced endothelial injury: implications of antioxidant system	BMC Complementary and Alternative Medicine	2008	July	8	39	1-10
Advanced glycation end products induce apoptosis in fibroblasts through activation of ROS, MAP kinases, and the FOXO1 transcription factor	American Journal of Physiology Cell Physiology	2007	July	292	2	850-856
Effect of curcumin treatment on protein phosphorylation in K562 cells	Annals of the New York Academy of Sciences	2007	January	1095	-	377-387
Actinobacillus actinomycetemcomitans lipopolysaccharide regulates matrix metalloproteinase, tissue inhibitors of matrix metalloproteinase, and plasminogen activator production by human gingival fibroblasts: a potential role in connective tissue destruction.	Journal of Cellular Physiology	2007	July	212	1	189-194
Cranberry components inhibit interleukin-6, interleukin-8, and prostaglandin E2 production by lipopolysaccharide-activated gingival fibroblast	European Journal of Oral Sciences	2007	February	115	1	64-70
Inhibition of host extracellular matrix destructive enzyme production and activity by a high-molecular-weight cranberry fraction	Journal of Periodontal Research	2007	April	42	2	159-168
Beta catenin-independent activation of MyoD in presomitic mesoderm requires PKC and depends on Pax3 transcriptional activity	Developmental Biology	2007	April	304	2	604-614
Ligand activation of peroxisome proliferator-activated receptor-Beta/delta(PRARbeta/delta) inhibits cell growth of human N/TERT-1 keratinocytes	Cellular Signalling	2007	June	19	6	1163-1171
Synapse-associated protein 102/dlg3 couples the NMDA receptor to specific plasticity pathways and learning strategies	The Journal of Neuroscience	2007	March	27	10	2673-2682
Proteomic analysis of human plasma proteins by two-dimensional gel electrophoresis and by antibody arrays following depletion of high-abundance proteins	Cell Biochemistry and Biophysics	2007	October	49	3	182-195
Inhibition of Nuclear Factor-(kappa)B in T Cells Suppresses Lung Fibrosis	American Journal of Respiratory and Critical Care Medicine	2007	December	176	12	1251-1260
Critical role of the phosphatidylinositol 3-Kinase/Akt/glycogen synthase kinase-3(beta) signaling pathway in recovery from Anthrax lethal toxin-induced cell cycle arrest and MEK cleavage in macrophages	The Journal of Biological Chemistry	2007	December	282	50	36230-36239
A(beta) treatment and P301L tau expression in an Alzheimer's disease tissue culture model act synergistically to promote aberrant cell cycle re-entry	The European Journal of Neuroscience	2007	July	26	1	60-72
Lycopene differentially induces quiescence and apoptosis in androgen-responsive and -independent prostate cancer cell lines	Clinical Nutrition	2007	April	26	2	252-263
Activation of MAPK in fibroblasts by Treponema denticola major outer sheath protein	Biochemical and Biophysical Research Communications	2007	April	356	1	213-218
CCN2 is necessary for the function of mouse embryonic fibroblasts	Experimental Cell Research	2007	March	313	5	952-964
Human adipocytes induce an ERK1/2 MAP kinases-mediated upregulation of steroidogenic acute regulatory protein (STAR) and an angiotensin II — sensitization in human adrenocortical cells	International Journal of Obesity	2007	October	31	10	1605-1616
Mechanisms of vascular smooth muscle NADPH oxidase 1 (Nox1) to injury-induced neointimal formation	Arteriosclerosis, Thrombosis, and Vascular Biology	2007	April	29	4	480-487
The hedgehog pathway inhibitor cyclopamine increases levels of p27, and decreases both expression of IGF-II and activation of Akt in PC-3 prostate cancer cells	Cancer Letters	2007	October	255	2	300-306
Role of alpha1beta1-integrin in arterial stiffness and angiotensin-induced arterial wall hypertrophy in mice	American Journal of Physiology Heart Circ. Physiol	2007	October	293	4	H2597-H2604

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Downstream signalling and specific inhibition of cMET/HGF pathway in small cell lung cancer: implications for tumour invasion	British Journal of Cancer	2007	August	97	3	368-377
Histological and proteomic analysis of reversible H-RasV12G expression in transgenic mouse skin	Carcinogenesis	2007	October	28	10	2244-2252
Differential regulation of cell volume and shape in confluent rat hepatocytes under hypertonic stress	Cellular Physiology and Biochemistry	2007	-	19	5-6	259-268
Discovery of 3,3'-(2,4-Diaminopteridine-6,7-diyl) diphenol as an isozyme-selective inhibitor of PI3K for the treatment of ischemia reperfusion injury associated with myocardial infarction	Journal of Medicinal Chemistry	2007	September	50	18	4279-4294
Antibody-Based Proteomics Analysis of Tumor Cell Signaling Pathways	Principles of Molecular Oncology	2007	-	3	-	1-24
Cytokine activation of p38 mitogen-activated protein kinase and apoptosis is opposed by alpha-4 targeting protein phosphatase 2A for site-specific dephosphorylation of MEK3.	Molecular and Cellular Biology	2007	June	27	12	4217-4227
Persistent activation of STAT3 by latent kaposi's sarcoma-associated herpesvirus infection of endothelial cells	Journal of Virology	2007	March	81	5	2449-2458
Cellular cofactors affecting hepatitis C virus infection and replication	PNAS	2007	July	104	31	12884-12889
Signaling of soluble FMS-like tyrosine kinase-1 (SFLT-1) via the GSK-3 pathway in cytotrophoblast cells demonstrates a link between preeclampsia and hypoxia	American Journal of Obstetrics and Gynecology	2007	December	197	6	1-18
Mammalian target of rapamycin in the human placenta regulates leucine transport and is down-regulated in restricted fetal growth	The Journal of Physiology	2007	July	582	1	449-459
Fullerene nanometals inhibit the allergic response	The Journal of Immunology	2007	July	179	1	665-672
Global and targeted gene expression and protein content in skeletal muscle of young men following short-term creatine monohydrate supplementation	Physiological Genomics	2007	January	32	2	219-228
Structural aspects of drugability and selectivity of protein kinases in inflammation	Anti-Inflammatory & Anti-Allergy Agents in Medicinal Chemistry	2007	-	6	-	5-17
A large-scale proteomic analysis of human embryonic stem cells	BMC Genomics	2007	December	8	478	1-16
Peptostreptococcus micros cell wall elicits a pro-inflammatory response in human macrophages	Journal of Endotoxin Research	2007	-	13	4	219-226
Shared signaling networks active in B cells isolated from genetically distinct mouse models of lupus	The Journal of Clinical Investigation	2007	August	117	8	2186-2196
Ga12 stimulates apoptosis in epithelial cells through JNK1 mediated BCL-2 degradation and upregulation of IκB-α	The Journal of Biological Chemistry	2007	August	282	33	24352-24563
Varicella-Zoster virus infection of human fibroblast cells activates the c-Jun N-terminal kinase pathway	Journal of Virology	2007	August	81	2	977-990
AFPep: an anti-breast cancer peptide that is orally active	Breast Cancer Research and Treatment	2006	July	98	2	133-141
Pathogenic and apathogenic courses of SIV infection are associated with distinct and characteristic regulatory patterns of G1/S and G2/M cell cycle checkpoints in CD4+ T Cells	AIDS Research and Human Retroviruses	2006	November	22	11	1122-1130
Endoplasmic reticulum stress and trophic factor withdrawal activate distinct signaling cascades that induce glycogen synthase kinase-3β and a caspase-9-dependent apoptosis in cerebellar granule neurons	Molecular and Cellular Neurosciences	2006	July	32	3	242-253
Low concentration of ethanol induce apoptosis in HepG2 cells: role of various signal transduction pathways	International Journal of Medical Sciences	2006	October	3	4	160-167
Inhibitory role of Src family tyrosine kinases on Ca ²⁺ - dependent insulin release	American Journal of Physiology, Endocrinology and Metabolism	2006	November	292	3	E845-E852
Alpha-actinin-4 is required for normal podocyte adhesion	The Journal of Biological Chemistry	2006	November	282	1	467-477
Cell signaling branches out (review)	Nature Methods	2006	March	3	3	223-229
Kinase-dependent differentiation of a retinal ganglion cell precursor	Investigative Ophthalmology and Visual Science	2006	January	47	1	427-438
Role of signal transducer and activator of transcription 3 (STAT3) in stretch injury to bladder smooth muscle cells	Cell and Tissue Research	2006	October	326	1	149-158
Mitochondrial matrix phosphoproteome: effect of extra mitochondrial calcium	Biochemistry	2006	February	45	8	2524-2536
Alpha-synuclein and its disease-causing mutants induce ICAM-1 and IL-6 in human astrocytes and astrocytoma cells	The FASEB Journal	2006	October	20	12	2000-2008
Nitroreductase-based therapy of prostate cancer, enhanced by raising expression of heat shock protein 70, acts through increased anti-tumour immunity	Cancer Immunology, Immunotherapy	2006	March	55	3	347-354
Microarray and phosphokinase screenings leading to studies on ERK and JNK regulation of connective tissue growth factor expression by angiotensin II 1a and bradykinin B2 receptors in Rat1 fibroblasts.	Journal of Cell Biochemistry	2006	April	97	5	1104-1120
Phosphoproteomic analysis of the effect of cyclo-[His-Pro] dipeptide on PC12 cells	Peptides	2005	January	27	1	105-113

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Changes in maturation profiles of dendritic cells transduced with a CD40-targeted adenoviral vector	Molecular Therapy	2006	-	13	S323	-
Targeted ablation of IKK2 improves skeletal muscle strength, maintains mass, and promotes regeneration	The Journal of Clinical Investigation	2006	November	116	11	2945-2954
Accelerated tumor formation in a fatless mouse with type 2 diabetes and inflammation	Cancer Research	2006	May	66	10	5469-5476
Antitumor effects of aminobisphosphonates on renal cell carcinoma cell lines	The Journal of Urology	2006	November	176	5	2255-2261
Exposure of murine cells to pulsed electromagnetic fields rapidly activates the mTOR signaling pathway	Bioelectromagnetics	2006	October	27	7	535-544
Dimerization in protein kinase signaling	Journal of Biology	2006	July	5	5	12
Kinase profiling; the mysteries unraveled	Future Pharmaceuticals	2006	September	1	1	23-25
The alpha 4 regulatory subunit exerts opposing allosteric effects on protein phosphatases PP6 and PP2A	The Journal of Biological Chemistry	2006	October	281	41	30503-30511
Effects of oestrogen on trigeminal ganglia in culture: implications for hormonal effects on migraine	Cephalalgia	2006	January	26	1	33-42
Angiotensin II-mediated protein kinase D activation stimulates aldosterone and cortisol secretion in H295R human adrenocortical cells	Endocrinology	2006	December	147	12	6046-6055
Angiogenesis-independent tumor growth mediated by stem-like cancer cells	PNAS	2006	October	103	44	16466-16471
2D gel blood serum biomarkers reveal differential clinical proteomics of the neurodegenerative diseases	Expert Review of Proteomics	2006	February	3	1	45-62
Phosphorylation of STAT3 Serine-727 by cyclin-dependent kinase 1 is critical for nocodazole-induced mitotic arrest	Biochemistry	2006	May	45	18	5857-5867
Methamphetamine causes alterations in the MAP kinase-related pathways in the brains of mice that display increased aggressiveness	Neuropsychopharmacology	2006	May	31	5	956-966
Tumor invasion in the absence of epithelial-mesenchymal transition: podoplanin-mediated remodeling of the actin cytoskeleton	Cancer Cell	2006	April	9	4	261-272
Positive regulation of Raf1-MEK1/2-ERK1/2 signaling by protein serine/threonine phosphatase 2A holoenzymes	The Journal of Biological Chemistry	2005	December	280	52	42644-42654
Strategies for revealing lower abundance proteins in two-dimensional protein maps	Journal of Chromatography. B	2005	February	815	1-2	39-50
Regulation of signaling phosphoproteins by epidermal growth factor and Iressa (ZD1839) in human endometrial cancer cells that model type I and II tumors	Molecular Cancer Therapeutics	2005	December	4	12	1891-1899
Phosphorylated osteopontin promotes migration of human choriocarcinoma cells via a p70 S6 kinase-dependent pathway	Journal of Cellular Biochemistry	2005	April	94	6	1218-1233
Role for glycogen synthase kinase-3 in NK cell cytotoxicity and X-linked lymphoproliferative disease	Journal of Immunology	2005	April	174	8	4551-4558
Epidermal Growth Factor and/or Growth Hormone Induce Differential, Side-Specific Signal Transduction Protein Phosphorylation in Enterocytes	Journal of Parenteral and Enteral Nutrition	2005	September	29	5	322-336
The Epstein-Barr virus BILF1 gene encodes a G protein-coupled receptor that inhibits phosphorylation of RNA-dependent protein kinase	Journal of Virology	2005	January	79	1	441-449
Zyflamed, a unique herbal preparation with nonselective COX inhibitory activity, induces apoptosis of prostate cancer cells that lack COX-2 expression	Nutrition and Cancer	2005	-	52	2	202-212
C/EBPbeta-2 confers EGF-independent growth and disrupts the normal acinar architecture of human mammary epithelial cells	Molecular Cancer	2005	December	4	43	1-17
Regulation of pulmonary arterial myosin phosphatase activity in neonatal circulatory transition and in hypoxic pulmonary hypertension: a role for CPI-17	Pediatric Pulmonology	2005	November	40	5	398-407
Glucose-regulated glucagon secretion requires insulin receptor expression in pancreatic (alpha)-cells	The Journal of Biological Chemistry	2005	September	280	39	33487-33496
Antitumor immune responses mediated by adenoviral GDEPT using nitroreductase/CD1954 is enhanced by high level coexpression of heat shock protein 70	Cancer Gene Therapy	2005	June	12	6	560-571
Caspase-1alpha is down-regulated in human ovarian cancer cells and the overexpression of Caspase-1alpha induces apoptosis	Cancer Research	2005	October	65	19	8591-8596
JAK2/STAT3 directs cardiomyogenesis within murine embryonic stem cells in vitro	Stem Cells	2005	April	23	4	530-543
Microarray and proteomics analyses of human intestinal epithelial cells treated with the aeromonas hydrophila cytotoxic enterotoxin	Infection and Immunity	2005	May	73	5	2628-2643
Gamma-sarcoglycan deficiency increases cell contractility, apoptosis and MAPK pathway activation but does not affect adhesion	Journal of Cell Science	2005	April	118	7	1405-1416
GSK3 and PKB/Akt are associated with integrin-mediated regulation of PTHrP, IL-6 and IL-8 expression in FG pancreatic cancer cells	International Journal of Cancer	2005	April	114	4	522-530

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Kinase screening services probe signaling pathways	The Scientist	2005	May	19	9	33
Functional genomics meets neurodegenerative disorders part II: application and data integration	Progress in Neurobiology	2005	June	76	3	169-188
Tumor cell pseudopodial protrusions: localized signaling domains coordinating cytoskeleton remodeling, cell adhesion, glycolysis, rna translocation, and protein translation	The Journal of Biological Chemistry	2005	August	280	34	30564-30573
Peroxisome proliferator-activated receptor-beta/delta inhibits epidermal cell proliferation by down-regulation of kinase activity	The Journal of Biological Chemistry	2005	March	280	10	9516-9527
Role of mitogen activated protein kinases and protein kinase C in cadmium-induced apoptosis of primary epithelial lung cells	Toxicology	2005	August	211	3	253-264
Tyrosine kinase inhibitors in endometrial cancer	International Journal of Gynecological Cancer	2005	March	15	2	409-411
H-Ras oncogene counteracts the growth-inhibitory effect of genistein in T24 bladder carcinoma cells	British Journal of Cancer	2005	January	92	1	80-88
Elevated phosphorylation and activation of PDK-1/AKT pathway in human breast cancer	British Journal of Cancer	2005	December	93	12	1372-1381
Ionizing radiation activates late herpes simplex virus 1 promoters via the p38 pathway in tumors treated with oncolytic viruses	Cancer Research	2005	October	65	20	9479-9484
STAT3 Ser-727 phosphorylation by CDK1 inhibits STAT3 function during cell cycle progression	Proceedings of the American Association for Cancer Research	2005	-	46	-	-
A novel angiogenic role for prostaglandin F2alpha-FP receptor Interaction in human endometrial adenocarcinomas	Cancer Research	2005	September	65	17	7707-7716
Insulin-like growth factor I-mediated skeletal muscle hypertrophy is characterized by increased mTOR-p70S6K signaling without increased Akt phosphorylation	Journal of Investigative Medicine	2005	April	53	3	135-142
Fusobacterium nucleatum increases collagenase 3 production and migration of epithelial cells	Infection and Immunity	2005	February	73	2	1171-1179
Tangeretin inhibits extracellular-signal-regulated kinase (ERK) phosphorylation	FEBS Letters	2005	March	579	7	1665-1669
Integrative genomic and proteomic analysis of prostate cancer reveals signatures of metastatic progression	Cancer Cell	2005	November	8	5	393-406
Nutrient regulation of PKC ϵ is mediated by leucine, not insulin, in skeletal muscle	American Journal of Physiology Endocrinology and Metabolism	2005	October	289	4	E684-E694
Peptidoglycan recognition protein 2 (<i>N</i> -Acetylmuramoyl-L-Ala Amidase) is induced in keratinocytes by bacteria through p38 kinase pathway	Infection and Immunity	2005	November	73	11	7216-7225
Mechanical force activates eIF-2alpha phospho-kinases in fibroblast	Biochemical and Biophysics Research Communications	2005	April	330	1	123-130
Meis1-mediated apoptosis is caspase dependent and can be suppressed by coexpression of HoxA9 in murine and human cell lines	Blood	2005	February	105	3	1222-1230
Bayesian analysis of signaling networks governing embryonic stem cell fate decisions	Bioinformatics	2005	March	21	6	741-753
Hepatic regulation of apolipoprotein B	Reviews In Endocrine & Metabolic Disorders	2004	December	5	4	293-301
Anthrax lethal factor-cleavage products of MAPK (mitogen-activated protein kinase) kinases exhibit reduced binding to their cognate MAPKs	The Biochemical Journal	2004	March	378	Pt2	569-577
From differential gene expression to differential gene function and back: Recent strategies for drug target identification and validation	Drug Discovery Today: Technologies	2004	October	1	2	149-156
Making mechanistic connections between cell signaling pathways and pathological endpoints	Toxicological Pathology	2004	April	32	Supplement 1	131-135
Aeromonas hydrophila cytotoxic enterotoxin activates mitogen-activated protein kinases and induces apoptosis in murine macrophages and human intestinal epithelial cells.	The Journal of Biological Chemistry	2004	September	279	36	37597-37612
Reversal of collapsing glomerulopathy in mice with the cyclin-dependent kinase inhibitor CYC202.	Journal of the American Society of Nephrology	2004	May	15	5	1212-1222
Transgenic models of amyotrophic lateral sclerosis	Folia Neropathologica	2004	May	42	4	239-248
Protein kinases in drug discovery and development	Drug Discovery Today	2004	January	9	1	16-17
Autoinhibitory domain fragment of endothelial NOS enhances pulmonary artery vasorelaxation by the NO-cGMP pathway	American Journal of Physiology	2004	May	286	5	L1066-L1074
Atorvastatin-induced activation of Alzheimer's alpha secretase is resistant to standard inhibitors of protein phosphorylation-regulated ectodomain shedding.	Journal of Neurochemistry	2004	August	90	4	1005-1010
PLK-1, a cancer drug target	DrugResearcher.com	2004	July	-	-	-

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Tracking Cell Signaling Protein Expression and Phosphorylation by Innovative Proteomic Solutions	Current Pharmaceutical Biotechnology	2004	February	5	1	69-77
Multivariate Proteomic Analysis of Murine Embryonic Stem Cell Self-renewal Versus Differentiation Signaling	Proceedings of the American Association for Cancer Research	2004	March	101	9	2900-2905
Cell Population Dynamics Model of Deconvolution of Murine Embryonic Stem Cell Self-Renewal and Differentiation Responses to Cytokines and Extracellular Matrix	Biotechnology and Bioengineering	2004	November	88	3	264-272
FAPa, a surface peptidase expressed during wound healing, is a tumor suppressor	Oncogene	2004	July	23	32	5435-5446
Modulation of Janus kinase 2 by p53 in ovarian cancer cells	Biochemical and Biophysical Research Communications	2004	August	321	2	441-447
Signaling through Toll-like Receptors Triggers HIV-1 Replication in Latently Infected Mast Cells	Journal of Immunology	2004	April	172	7	4391-4401
Role of Estrogen Receptor alpha in Modulating IGF-I Receptor Signaling and Fuction in Breast Cancer	Journal of Experimental & Clinical Care Research	2004	September	23	3	385-394
Fibroblast responses to cyclic mechanical stretching depend on cell orientation to the stretching direction	Journal of Biomechanics	2004	April	37	4	573-576
Gene and Protein Kinase Expression Profiling of Reactive Oxygen Species - Asspcoated Lipotoxicity in the Pancreatic B-Cell Line MIN6	Diabetes	2004	January	53	1	129-140
PKD1/PKCmu promotes alphavbeta3 integrin recycling and delivery to nascent focal adhesions.	The EMBO Journal	2004	July	23	13	2531-2543
Bacterial GroEL-like heat shock protein 60 protects epithelial cells from stress-induced death through activation of ERK and inhibition of capase 3	Experimental Cell Research	2004	January	292	1	231-240
Long-term effect of heat shock protein 60 from Actinobacillus actinomycetemcomitans on epithelial cell viability and mitogen-activated protein kinases.	Infection and Immunology	2004	January	72	1	38-45
B23/Nucleophosmin Serine 4 Phosphorylation Mediates Mitotic Functions of Polo-like Kinase 1	Journal of Biological Chemistry	2004	August	279	34	35726-35734
Genomic and proteomic profiling of responses to toxic metals in human lung cells.	Environmental Health Perspectives	2003	May	111	6	825-835
Geldanamycin and 17-allylamino-17-demethoxygeldanamycin potentiate the in vitro and in vivo radiation response of cervical tumor cells via the heat shock protein 90-mediated intracellular signaling and cytotoxicity.	Cancer Research	2003	December	63	24	8984-8995
A failure to repair self-proteins leads to T cell hyperproliferation and autoantibody production.	Journal of Immunology	2003	September	171	6	2840-2847
Glucose-dependent insulinotropic polypeptide promotes beta-(INS-1) cell survival via cyclic adenosine monophosphate-mediated caspase-3 inhibition and regulation of p38 mitogen-activated protein kinase.	Endocrinology	2003	October	144	10	4433-4445
Kinome analysis of host response to mycobacterial infection: a novel technique in proteomics	Infection and Immunology	2003	October	71	10	5514-5522
Protein kinase and protein phosphatase expression in the central nervous system of G93A mSOD over-expressing mice.	Journal of Neurochemistry	2003	April	85	2	422-431
Protein kinase and protein phosphatase expression in amyotrophic lateral sclerosis spinal cord.	Journal of Neurochemistry	2003	April	85	2	432-442
Inhibition of mitogen-activated protein kinase/extracellular signal-regulated kinase enhances chemotherapeutic effects on H460 human non-small cell lung cancer cells through activation of apoptosis.	Molecular Cancer Therapeutics	2003	July	2	7	641-649
Glycogen synthase kinase-3 regulates formation of long lamellipodia in human keratinocytes.	Journal of Cell Science	2003	September	116	18	3749-3760
Aberrant protein kinases and phosphoproteins in amyotrophic lateral sclerosis.	Trends in Pharmacological Sciences	2003	October	24	10	535-541
Antagonism of rat β -Cell voltage-dependent K ⁺ currents by exendin 4 requires dual activation of the cAMP/protein kinase A and phosphatidylinositol 3-kinase signaling pathways	The Journal of Biological Chemistry	2003	December	278	52	52446-52453
Kinetworks Protein Kinase Multiblot Analysis	Methods in Molecular Biology	2003	-	218	1	99-111
Expression pattern and role of a 60-kilodalton progesterone binding protein in regulating granulosa cell apoptosis: involvement of the mitogen-activated protein kinase cascade.	Biology of Reproduction	2003	October	68	1	122-128
Gene profiling and kinase screening in asbestos-exposed epithelial cells and lungs	American Journal of Respiratory Cell and Molecular Biology	2003	September	29	3 (Suppl.)	S51-S58
Cytokines and signal transduction pathways mediated by anthralin in alopecia areata-affected dundee experimental balding rats.	Journal of Investigative Dermatology	2003	June	8	1	87-90
Comprehensive analysis of gene expression in rat and human hepatoma cells exposed to the peroxisome proliferator WY14,643	Toxicology and Applied Pharmacology	2003	May	188	3	185-198
Elucidating novel cell signalling events in response to microtubule-interfering agents using kinetworks analysis	Molecular & Cellular Proteomics	2003	October	2.9	26.2	702-795

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Glucose-dependent insulinotropic polypeptide activates the Raf-Mek1/2-ERK1/2 module via a cyclic AMP/cAMP-dependent protein kinase/Rap1-mediated pathway.	The Journal of Biological Chemistry	2002	October	277	40	37088-37097
Isolation of various forms of sterol beta-D-glucoside from the seed of <i>Cycas circinalis</i> : neurotoxicity and implications for ALS-parkinsonism dementia complex.	Journal of Neurochemistry	2002	August	82	3	516-528
Plasticity of the kinomes in monkey and rat tissues.	Science's Signal Transduction Knowledge Environment	2002	December	2002	162	pe50
Calpain is required for MMP-2 and u-PA expression in SV40 large T-antigen-immortalized cells	Biochemical and Biophysical Research Communications	2002	September	297	2	294-301
Nocodazole-induced p53-dependent c-Jun N-terminal kinase activation reduces apoptosis in human colon carcinoma HCT116 cells	The Journal of Biological Chemistry	2002	November	277	46	43648-43658
Inhibition of the G2 DNA damage checkpoint and of protein kinases Chk1 and Chk2 by the marine sponge alkaloid debromohymenialdisine	The Journal of Biological Chemistry	2001	May	276	21	17914-17919
The small 11-kDa protein from B19 parvovirus binds growth factor receptor-binding protein 2 in vitro in a src homology 3 domain/ligand-dependent manner	Virology	2001	December	291	2	285-291
Protein kinase CK2 is involved in G2 arrest and apoptosis following spindle damage in epithelial cells.	Oncogene	2001	October	20	48	6994-7005
Analysis of sequences involved in IE2 transactivation of a baculovirus immediate-early gene promoter and identification of a new regulatory motif	Virus Research	2001	May	75	1	13-28
Modulation of NMDA-mediated excitotoxicity by protein kinase C	Journal of Neurochemistry	2001	August	78	4	715-726
Profiling of protein kinases in the neoplastic transformation of human ovarian surface epithelium	Gynecologic Oncology	2001	August	82	2	305-311
Stress-induced inhibition of ERK1 and ERK2 by direct interaction with p38 MAP kinase.	The Journal of Biological Chemistry	2001	March	276	10	6905-6908
Regulation of the meiosis-inhibited protein kinase, a p38(MAPK) isoform, during meiosis and following fertilization of seastar oocytes	The Journal of Biological Chemistry	2000	November	275	44	34236-34244
Stress-induced activation of protein kinase CK2 by direct interaction with p38 mitogen-activated protein kinase.	The Journal of Biological Chemistry	2000	June	275	22	16569-16573