

2011**Human Umbilical Vein Endothelial EA.hy926 Cells**

Áinle, F.N., O'Donnell, J.S., Johnson, J.A., Brown, L., Gleeson, E.M., Smith, O.P. and Preston, R.J.S. (2011) Activated protein C N-linked glycans modulate cytoprotective signaling function on endothelial cells. *Journal of Biological Chemistry*, **286**, 1323.

Human Tumour-Derived Saos-2 Osteoblasts

Arbon, K.S., Christensen, C.M., Harvey, W.A. and Hegglund, S.J. (2011) Cadmium exposure activates the ERK signaling pathway leading to altered osteoblast gene expression and apoptotic death in Saos-2 cells. *Food and Chemical Toxicology* **50**, 198 - 205.

Human Derived Mesothelioma Cell Line (ACC-MESO-1 Cells)

Asakura, K., Izumi, Y., Yamamoto, M., Yamauchi, Y., Kawai, K., Serizawa, A., Mizushima, T., Ohmura, M., Kawamura, M. and Wakui, M. (2011) The Cytostatic Effects of Lovastatin on ACC-MESO-1 Cells. *Journal of Surgical Research* **170**, e197 - e209.

Model Undetermined

Auchincloss, C.A.R., Richardson, P., McGuinness, C., Mallikarjun, V., Donaldson, K., McNab, H. and Campbell, C.J. (2011) Monitoring Intracellular Redox Potential Changes Using SERS Nanosensors. *ACS Nano* doi: 10.1021/nn204397q.

Osteocyte-Like MLO-Y4 Cells

Cheung, W.Y., Liu, C., Tonelli-Zasarsky, R.M.L., Simmons, C.A. and You, L. (2011) Osteocyte apoptosis is mechanically regulated and induces angiogenesis in vitro. *Journal of Orthopaedic Research* doi: 10.1002/jor.21283.

Ovarian Cancer Cell Line (SKOV-3)

Cohen, M. and Petignat, P. (2011) Purified autoantibodies against glucose-regulated protein 78 (GRP78) promote apoptosis and decrease invasiveness of ovarian cancer cells. *Cancer Letters* **309**, 104 - 109.

Human Endometrial Epithelial Cell

Deghmane, A.E., El Kafsi, H., Giorgini, D., Abaza, A. and Taha, M.K. (2011) Late Repression of NF- κ B Activity by Invasive but Not Non-Invasive Meningococcal Isolates Is Required to Display Apoptosis of Epithelial Cells. *PLoS Pathogens*, **7**, e1002403.

Human T-Cell Leukemia Cells

Ding, N., Yamashita, U., Matsuoka, H., Sugiura, T., Tsukada, J., Noguchi, J. and Yoshida, Y. (2011) Apoptosis induction through proteasome inhibitory activity of cucurbitacin D in human T-Cell leukemia. *Cancer* **117**, 2735 - 2746.

Human Caco2 Colon Cancer Cell Line

Gu, S., Papadopoulou, N., Nasir, O., Föller, M., Alevizopoulos, K., Lang, F. and Stournaras, C. (2011) Activation of Membrane Androgen Receptors in Colon Cancer Inhibits the Prosurvival Signals Akt/Bad In Vitro and In Vivo and Blocks Migration via Vinculin/Actin Signaling. *Molecular Medicine*, **17**, 48 - 58.

Human Prostate Cancer Cell Line DU145

Hayashi, T., Oue, N., Sakamoto, N., Anami, K., Oo, H.Z., Sentani, K., Ohara, S., Teishima, J., Matsubara, A. and Yasui, W. (2011) Identification of Transmembrane Protein in Prostate Cancer by the Escherichia coli Ampicillin Secretion Trap: Expression of CDON Is Involved in Tumor Cell Growth and Invasion. *Pathobiology*, **78**, 277-284.

Rat Retinal Ganglion Cells (RGC-5 Cells)

Ji,D., Kamalden,T.A., del Olmo-Aguado,S. and Osborne,N.N. (2011) Light-and sodium azide-induced death of RGC-5 cells in culture occurs via different mechanisms. *Apoptosis*, **16**, 425 - 437.

Pancreatic B-Cells

Kim,S.J., Widenmaier,S.B., Choi,W.S., Nian,C., Ao,Z., Warnock,G. and McIntosh,C.H.S. (2011) Pancreatic B-cell prosurvival effects of the incretin hormones involve post-translational modification of Kv2. 1 delayed rectifier channels. *Cell Death & Differentiation* **19**, 333 - 344.

Human Malignant Pleural Mesothelioma Cell Lines and Non-Tumour Immortalised Mesothelial Cells

Kitamura,A., Matsushita,K., Takiguchi,Y., Shimada,H., Tada,Y., Yamanaka,M., Hiroshima,K., Tagawa,M., Tomonaga,T. and Matsubara,H. (2011) Synergistic effect of non-transmissible Sendai virus vector encoding the c-myc suppressor FUSE-binding protein-interacting repressor plus cisplatin in the treatment of malignant pleural mesothelioma. *Cancer Science*, **102**, 1366-1373.

Human Hepatocarcinoma Cells and Monkey Kidney Cells

Kohl,Y., Kaiser,C., Bost,W., Stracke,F., Fournelle,M., Wischke,C., Thielecke,H., Lendlein,A., Kratz,K. and Lemor,R. (2011) Preparation and biological evaluation of multifunctional PLGA-nanoparticles designed for photoacoustic imaging. *Nanomedicine: Nanotechnology, Biology and Medicine*, **7**, 228-237.

Rabbit Kidney Cells

Langford,M.P., McGee,D.J., Ta,K.H., Redens,T.B. and Texada,D.E. (2011) Multiple Caspases Mediate Acute Renal Cell Apoptosis Induced by Bacterial Cell Wall Components. *Renal Failure*, **33**, 192-206.

Human Colon Carcinoma Cells

Löw,K., Knobloch,T., Wagner,S., Wiehe,A., Engel,A., Langer,K. and Briesen,H. (2011) Comparison of intracellular accumulation and cytotoxicity of free mTHPC and mTHPC-loaded PLGA nanoparticles in human colon carcinoma cells. *Nanotechnology*, **22**, 245102.

Human Primary Macrophages

Lietzén,N., Öhman,T., Rintahaka,J., Julkunen,I., Aittokallio,T., Matikainen,S. and Nyman,T.A. (2011) Quantitative Subcellular Proteome and Secretome Profiling of Influenza A Virus-Infected Human Primary Macrophages. *PLoS Pathogens*, **7**, e1001340.

Human Diploid Lung Fibroblast Cell Line IMR90

Mahalingam,D., Tay,L.L., Tan,W.H., Chai,J.H. and Wang,X. (2011) Mutant telomerase RNAs induce DNA damage and apoptosis via the TRF2-ATM pathway in telomerase-over expressing primary fibroblasts. *FEBS Journal* **278**, 3724 - 3738.

Osteosarcoma Cell Lines

Marion,A., Dieudonné,F.X., Patiño Garcia,A., Lecanda,F., Marie,P.J. and Modrowski,D. (2011) Calpain 6 is an endothelin 1 signaling dependent protective factor in chemoresistant osteosarcoma. *International Journal of Cancer*, doi: 10.1002/ijc.26246.

Breast Cancer Cells (MCF7:5C)

Maximov,P., Sengupta,S., Lewis-Wambi,J.S., Kim,H.R., Curpan,R.F. and Jordan,V.C. (2011) The conformation of the estrogen receptor directs estrogen-induced apoptosis in breast cancer: a hypothesis. *Hormone Molecular Biology and Clinical Investigation*, **5**, 27 - 34.

Human Tumour Cells

Mbita,Z., Meyer,M., Skepu,A., Hosie,M., Rees,J. and Dlamini,Z. (2011) De-regulation of the RBBP6 isoform 3/DWNN in human cancers. *Molecular and Cellular Biochemistry*, doi: 10.1007/s11010-011-1150-5.

Rat Bladder Cancer Cell Line (RT4)

Memon,A.A., Munk,M., Nexo,E. and Sorensen,B.S. (2011) Calcium-induced apoptosis is delayed by HER1 receptor signalling through the Akt and PLC pathways in bladder cancer cells. *Scandinavian Journal of Clinical & Laboratory Investigation*, **71**, 45 - 51.

Human Endometrioid Endometrial Cancers and Normal Endometrium

Nickkho-Amiry,M., McVey,R. and Holland,C. (2011) Peroxisome proliferator-activated receptors modulate proliferation and angiogenesis in human endometrial carcinoma. *Molecular Cancer Research* doi: 10.1158/1541-7786.MCR11-0233.

Vascular Smooth Muscle Cells

Ohta,S., Hattori,Y., Nakanishi,N., Sugimoto,H. and Kasai,K. (2011) Differential Modulation of Immunostimulant-Triggered NO Production by Endoplasmic Reticulum Stress Inducers in Vascular Smooth Muscle Cells. *Journal of Cardiovascular Pharmacology*, **57**, 434 - 438.

Human Leukemia Cells (Jurkat)

Ovadge,P., Chatterjee,S., Griffin,C., Tran,C., Hamm,C. and Pandey,S. (2011) Selective induction of apoptosis through activation of caspase-8 in human leukemia cells (Jurkat) by dandelion root extract. *Journal of Ethnopharmacology*, **133**, 86-91.

Human Macrophages

Rintahaka,J., Lietzén,N., Öhman,T., Nyman,T.A. and Matikainen,S. (2011) Recognition of Cytoplasmic RNA Results in Cathepsin-Dependent Inflammasome Activation and Apoptosis in Human Macrophages. *The Journal of Immunology*, **186**, 3085.

Human Epithelial Colorectal Adenocarcinoma (CaC0-2) Cells and Human Breast Cancer Cells (MCF-7)

Rodríguez-Luccioni,H.L., Latorre-Esteves,M., Méndez-Vega,J., Soto,O., Rodríguez,A.R., Rinaldi,C. and Torres-Lugo,M. (2011) Enhanced reduction in cell viability by hyperthermia induced by magnetic nanoparticles. *International Journal of Nanomedicine*, **6**, 373.

Human Gingival Fibroblasts

Takeuchi,R., Matsumoto,H., Akimoto,Y. and Fujii,A. (2011) Reduction in lipopolysaccharide-induced apoptosis of fibroblasts obtained from a patient with gingival overgrowth during nifedipine-treatment. *Archives of Oral Biology*, **56**, 1073 - 1080.

Human Liver Cell Line (HepG2 Cells)

Tamura,R., Kanda,T., Imazeki,F., Wu,S., Nakamoto,S., Tanaka,T., Arai,M., Fujiwara,K., Saito,K. and Roger,T. (2011) Hepatitis C Virus Nonstructural 5A Protein Inhibits Lipopolysaccharide-Mediated Apoptosis of Hepatocytes by Decreasing Expression of Toll-Like Receptor 4. *Journal of Infectious Diseases*, **204**, 793-801.

Pharyngeal Squamous Cancer Cell Lines

Tonoike,Y., Matsushita,K., Tomonaga,T., Katada,K., Tanaka,N., Shimada,H., Nakatani,Y., Okamoto,Y. and Nomura,F. (2011) Adhesion molecule periplakin is involved in cellular movement and attachment in pharyngeal squamous cancer cells. *BMC cell biology*, **12**, 41.

Astroglomas and Other Brain Tumours

Venza,M., Visalli,M., Alafaci,C., Caffo,M., Caruso,G., Salpietro,F.M., Tomasello,F. and Teti,D. (2011) Interleukin-8 Overexpression in Astrocytomas Is Induced by Prostaglandin E2 and Is Associated With the Transcription Factors CCAAT/Enhancer-Binding Protein- β and CCAAT/Enhancer-Binding Homologous Protein. *Neurosurgery*, **69**, 713.

Pancreatic β -Cells (MIN6)

Wang,H.W., Mizuta,M., Saitoh,Y., Noma,K., Ueno,H. and Nakazato,M. (2011) Glucagon-like peptide-1 and candesartan additively improve glucolipotoxicity in pancreatic β -cells. *Metabolism* **60**, 1081 - 1089.

Human Lymphoblastoid TK6 Cells

Yamamoto,A., Sakamoto,Y., Masumura,K., Honma,M. and Nohmi,T. (2011) Involvement of mismatch repair proteins in adaptive responses induced by N-methyl-N'-nitro-N-nitrosoguanidine against γ -induced genotoxicity in human cells. *Mutation Research/Fundamental and Molecular Mechanisms of Mutagenesis* **713**, 56 - 63.

Human U937 Lymphoma Cells

Yurinskaya,V.E., Rubashkin,A.A., Shirokova,A.V. and Vereninov,A.A. (2011) Regulatory volume increase (RVI) and apoptotic volume decrease (AVD) in U937 cells in hypertonic medium. *Cell and Tissue Biology*, **5**, 487-494.

2010

Human Oesophageal Adenocarcinoma Cell Lines (OE33 and FLO).

Beales,I.L.P. and Ogunwobi,O.O. (2010) Microsomal prostaglandin E synthase 1 inhibition blocks proliferation and enhances apoptosis in oesophageal adenocarcinoma cells without affecting endothelial prostacyclin production. *International Journal of Cancer*, **126**, 2247-2255.

Zebra Mussel (*Dreissena polymorpha*)

Binelli,A., Cogni,D., Parolini,M. and Provini,A. (2010) Multi-biomarker approach to investigate the state of contamination of the R. Lambro/R. Po confluence (Italy) by zebra mussel (*Dreissena polymorpha*). *Chemosphere*, **79**, 518 - 528.

Fibroblasts and Human Melanoma Cell Lines (C8161 and MV3)

Edward,M., Quinn,J.A., Pasonen-Seppänen,S.M., McCann,B.A. and Tammi,R.H. (2010) 4-Methylumbelliferone inhibits tumour cell growth and the activation of stromal hyaluronan synthesis by melanoma cell-derived factors. *British Journal of Dermatology*, **162**, 1224-1232.

Retinal Ganglion RGC5 Cell Line

Jung,S.H., Kim,B.J., Lee,E.H. and Osborne,N.N. (2010) Isoquercitrin is the most effective antioxidant in the plant *Thuja orientalis* and able to counteract oxidative-induced damage to a transformed cell line (RGC-5 cells). *Neurochemistry International*, **7**, 713 - 721.

Rat Retinal Ganglion RGC-5 Cells

Kang,K.D., Andrade da Costa,B.L.S. and Osborne,N.N. (2010) Stimulation of Prostaglandin EP2 Receptors on RGC-5 Cells in Culture Blunts the Negative Effect of Serum Withdrawal. *Neurochemical Research*, **35**, 820-829.

Human Hepatocarcinoma Cells (HepG2) and Monkey Kidney Cells (Vero)

Kohl,Y., Kaiser,C., Bost,W., Stracke,F., Fournelle,M., Wischke,C., Thielecke,H., Lendlein,A., Kratz,K. and Lemor,R. (2010) Preparation and Biological Evaluation of Multifunctional PLGA-Nanoparticles designed for Photoacoustic Imaging. *Nanomedicine: Nanotechnology, Biology and Medicine*, doi:10.1016/j.nano.2010.07.006.

Mouse Embryonic Fibroblast -Adipose Like Cell Line 3T3-L1

Kojima,T., Norose,T., Tsuchiya,K. and Sakamoto,K. (2010) Mouse 3T3-L1 cells acquire resistance against oxidative stress as the adipocytes differentiate via the transcription factor FoxO. *Apoptosis*, **15**, 83-93.

Murine Synoviocytes

Kong,J.S., Yoo,S.A., Kim,H.S., Kim,H.A., Yea,K., Ryu,S.H., Chung,Y.J., Cho,C.S. and Kim,W.U. (2010) Inhibition of synovial hyperplasia, rheumatoid T cell activation, and experimental arthritis in mice by sulforaphane, a naturally occurring isothiocyanate. *Arthritis & Rheumatism*, **62**, 159-170.

Murine CT26 Colon Cancer Cells

Lan,K.L., Ou-Yang,F., Yen,S.H., Shih,H.L. and Lan,K.H. (2010) Cationic liposome coupled endostatin gene for treatment of peritoneal colon cancer. *Clinical and Experimental Metastasis*, **27**, 307-318.

Various Human Cancer Cells

Lee,Y.B., Gong,Y.D., Yoon,H., Ahn,C.H., Jeon,M.K. and Kong,J.Y. (2010) Synthesis and anticancer activity of new 1-[(5 or 6-substituted 2-alkoxyquinoxalin-3-yl) aminocarbonyl]-4-(hetero) arylpiperazine derivatives. *Bioorganic & Medicinal Chemistry* **18**, 7966 - 7974.

Rat PC12 Pheochromocytoma Cells

Lemcke,S., Hönnscheidt,C., Waschatko,G., Bopp,A., Lütjohann,D., Bertram,N. and Gehrig-Burger,K. (2010) DHEA-Bodipy - A functional fluorescent DHEA analog for live cell imaging. *Molecular and Cellular Endocrinology*, **314**, 31-40.

Human Retinal Pigment Cell (ARPE-19 Cells)

Li,G.Y., Fan,B. and Zheng,Y.C. (2010) Calcium Overload Is A Critical Step in Programmed Necrosis of ARPE-19 Cells Induced by High-Concentration H₂O₂. *Biomedical and Environmental Sciences: BES*, **23**, 371 - 377.

Murine Osteocyte-like MLO-Y4 (Murine Long-Bone Osteocyte) Cells

Liu,C., Zhao,Y., Cheung,W.Y., Gandhi,R., Wang,L. and You,L. (2010) Effects of cyclic hydraulic pressure on osteocytes. *Bone*, **46**, 1449-1456.

Human and Murine Hepatoma Cells

Luo,Y., Yang,C., Lu,W., Xie,R., Jin,C., Huang,P., Wang,F. and McKeenan,W.L. (2010) Metabolic regulator βklotho interacts with fibroblast growth factor receptor 4 (FGFR4) to induce apoptosis and inhibit tumor cell proliferation. *Journal of Biological Chemistry*, **285**, 30069 - 30078.

Murine C3H10T1/2 Mesenchymal Cells

Miraoui,H., Severe,N., Vaudin,P., Pages,J.C. and Marie,P.J. (2010) Molecular silencing of Twist1 enhances osteogenic differentiation of murine mesenchymal stem cells: Implication of FGFR2 signaling. *Journal of cellular biochemistry*, **110**, 1147-1154.

Human Gingival Fibroblasts

Nomura,Y., Bhawal,U.K., Nishikiori,R., Sawajiri,M., Maeda,T. and Okazaki,M. (2010) Effects of high-dose major components in oral disinfectants on the cell cycle and apoptosis in primary human gingival fibroblasts in vitro. *Dental Materials Journal*, **29**, 75-83.

Rat RGC-5 Retinal Ganglion Cells

Osborne,N.N., Ji,D., bdul Majid,A.S., Fawcett,R.J., Sparatore,A. and Soldato,P.D. (2010) ACS67, a Hydrogen Sulfide-Releasing Derivative of Latanoprost Acid, Attenuates Retinal Ischemia and Oxidative Stress to RGC-5 Cells in Culture. *Investigative Ophthalmology and Visual Science*, **51**, 284 - 294.

Human Retinal Pigment Epithelium (hRPE) Cells

Papadaki,T., Tsilimbaris,M., Pallikaris,I. and Thermos,K. (2010) Somatostatin receptor activation (sst₁-sst₅) differentially influences human retinal pigment epithelium cell viability. *Acta Ophthalmologica*, **88**, e228-e233.

Human Endothelial Cells

Pasciu,V., Posadino,A.M., Cossu,A., Sanna,B., Tadolini,B., Gaspa,L., Marchisio,A., Dessole,S., Capobianco,G. and Pintus,G. (2010) Akt Downregulation by Flavin Oxidase-Induced ROS Generation Mediates Dose-Dependent Endothelial Cell Damage Elicited by Natural Antioxidants. *Toxicological Sciences*, **114**, 101 - 112.

Human Cervical Cancer Cell Line (HeLa)

Sagar,S., Kaur,M., Minneman,K.P. and Bajic,V.B. (2010) Anti-Cancer Activities Of Diospyrin, Its Derivatives And Analogues. *European Journal of Medicinal Chemistry*, **45**, 3519 - 3530.

Human DLD-1 Colorectal Adenocarcinoma Cells

Shibata,A., Nakagawa,K., Sookwong,P., Tsuduki,T., Asai,A. and Miyazawa,T. (2010) α -Tocopherol attenuates the cytotoxic effect of δ -tocotrienol in human colorectal adenocarcinoma cells. *Biochemical and Biophysical Research Communications* **397**, 214 - 219.

Immortalized Murine Schwann Cells (IMS) and Rat Primary Schwann Cells

Suzuki,J., Akahane,K., Nakamura,J., Naruse,K., Kamiya,H., Himeno,T., Nakamura,N., Shibata,T., Kondo,M. and Nagasaki,H. (2010) Palmitate Induces Apoptosis in Schwann Cells via both Ceramide-Dependent and Independent Pathways. *Neuroscience*, doi: 10.1016/j.neuroscience.2010.11.035.

Rat Cardiac Myoblasts (H9c2), Rat Thoracic Myoblasts (A-10) and Human Embryonic Epithelial Cells (HEK-2937)

Wang,Y.H., Ahmar,H. and Irving,H.R. (2010) Induction of apoptosis by plant natriuretic peptides in rat cardiomyoblasts. *Peptides* **31**, 1213 - 1218.

2009

Human Breast Adenocarcinoma Cell Line (MCF7)

Androulidaki,A., Dermitzaki,E., Venihaki,M., Karagianni,E., Rassouli,O., Andreakou,E., Stournaras,C., Margioris,A.N. and Tsatsanis,C. (2009) Corticotropin Releasing Factor promotes breast cancer cell motility and invasiveness. *Molecular Cancer*, **8**, 30.

Human Endothelial Cells

Cao,G., Fehrenbach,M.L., Williams,J.T., Finklestein,J.M., Zhu,J.X. and DeLisser,H.M. (2009) Angiogenesis in Platelet Endothelial Cell Adhesion Molecule-1-Null Mice. *American Journal of Pathology*, **175**, 903-915.

Porcine Aortic Valve Interstitial Cells

Chen,J.H., Yip,C.Y.Y., Sone,E.D. and Simmons,C.A. (2009) Identification and Characterization of Aortic Valve Mesenchymal Progenitor Cells with Robust Osteogenic Calcification Potential. *American Journal of Pathology*, **174**, 1109-1119.

Human Ovarian Cancer Epithelial Cells (SLOV3) and NIH-3T3 Murine Fibroblasts

Cole,E.T., Zhan,Y., Abi Saab,W.F., Korchnak,A.C., Ashburner,B.P. and Chadee,D.N. (2009) Mixed lineage kinase 3 negatively regulates IKK activity and enhances etoposide-induced cell death. *BBA-Molecular Cell Research*, **1793**, 1811-1818.

Human Epithelial Cells

Deghmane,A.E., Veckerté,C., Giorgini,D., Hong,E., Ruckly,C. and Taha,M.K. (2009) Differential Modulation of TNF- α Induced Apoptosis by *Neisseria meningitidis*. *PLoS Pathogens*, **5**, e1000405.

Murine Osteoblast Cells

Fromigue,O., Hay,E., Barbara,A., Petrel,C., Traiffort,E., Ruat,M. and Marie,P.J. (2009) Calcium sensing receptor-dependent and-independent activation of osteoblast replication and survival by strontium ranelate. *Journal of Cellular and Molecular Medicine*, doi: 10.1111/j.1582-4934.2008.00673.x.

BeWo Choriocarcinoma Cell Line

Heazell,A.E.P., Taylor,N.N.J., Greenwood,S.L., Baker,P.N. and Crocker,I.P. (2009) Does altered oxygenation or reactive oxygen species alter cell turnover of BeWo choriocarcinoma cells? *Reproductive BioMedicine Online*, **18**, 111-119.

Murine Liver Cells

Huang,X., Yang,C., Jin,C., Luo,Y., Wang,F. and McKeehan,W.L. (2009) Resident hepatocyte fibroblast growth factor receptor 4 limits hepatocarcinogenesis. *Molecular Carcinogenesis*, **48**, 553-562.

Human Hodgkin Lymphoma Cell Lines

Jayanthan,A., Howard,S.C., Trippett,T., Horton,T., Whitlock,J.A., Daisley,L., Lewis,V. and Narendran,A. (2009) Targeting the Bcl-2 family of proteins in Hodgkin lymphoma: in vitro cytotoxicity, target modulation and drug combination studies of the Bcl-2 homology 3 mimetic ABT-737. *Leukemia & lymphoma*, **50**, 1174-1182.

Retinal Ganglion Cells (RGC-5)

Kang,K. and Osborne,N.N. (2009) Butaprost, a prostaglandin EP2 receptor agonist, counteracts the negative effect of serum deprivation to retinal ganglion cells. *Acta Ophthalmologica*, doi: 10.1111/j.1755-3768.2009.261.x.

Human Bladder Cancer Cell Lines

Khin,S.S., Kitazawa,R., Win,N., Aye,T.T., Mori,K., Kondo,T. and Kitazawa,S. (2009) BAMBI gene is epigenetically silenced in subset of high-grade bladder cancer. *International Journal of Cancer* **125**, 328-338.

Retinal Ganglion Cells (RGC-5)

Li,G.Y., Fan,B. and Su,G.F. (2009) Acute energy reduction induces caspase-dependent apoptosis and activates p53 in retinal ganglion cells (RGC-5). *Experimental Eye Research*, **89**, 581-589.

Retinoblastoma Cells

Lupescu,A., Geiger,C., Zahir,N., Aberle,S., Lang,P.A., Kramer,S., Wesselborg,S., Kandolf,R., Föller,M. and Lang,F. (2009) Inhibition of Na/H Exchanger Activity by Parvovirus B19 Protein NS1. *Cell Physiol Biochem*, **23**, 211-220.

Retinal Ganglion Cells (RGC-5)

Majid,A.S.A. and Osborne,N.N. (2009) N-Acetyl cysteine (NAC) attenuates neuronal cell death in culture not solely by up regulating glutathione (GSH). *Acta Ophthalmologica*, doi: 10.1111/j.1755-3768.2009.262.x.

Bone Cancer Cells

Marion,A., Dieudonné,F., Patiño,A., Lecanda,F., Marie,P. and Modrowski,D. (2009) Identification of calpain-6 as a new target involved in cell death of bone cancer cells. *Bone*, **44**, 247.

Murine Mesenchymal C3H10T1/2 Cells and Calvaria Osteoblasts MC3T3-E1

Miraoui,H., Oudina,K., Petite,H., Tanimoto,Y., Moriyama,K. and Marie,P.J. (2009) Fibroblast Growth Factor Receptor 2 Promotes Osteogenic Differentiation in Mesenchymal Cells via ERK1/2 and Protein Kinase C Signaling. *Journal of Biological Chemistry*, **284**, 4897-4904.

Mouse Embryo Fibroblasts

Mori,K., Hirao,E., Toya,Y., Oshima,Y., Ishikawa,F., Nose,K. and Shibamura,M. (2009) Competitive Nuclear Export of Cyclin D1 and Hic-5 Regulates Anchorage Dependence of Cell Growth and Survival. *Molecular Biology of the Cell*, **20**, 218-232.

Retinal Ganglion Cells (RGC-5)

Osborne,N.N., Ji,D., Majid,A., Fawcett,R., Sparatore,A. and Soldato,P. (2009) ACS67, a hydrogen sulphide-releasing derivative of latanoprost acid, attenuates retinal ischemia and oxidative stress to RGC-5 cells in culture. *Investigative Ophthalmology & Visual Science*, doi: 10.1167/iovs.09-3999.

Human Umbilical Vein Endothelial Cells

Perez-Casal,M., Downey,C., Cutillas-Moreno,B., Zuzel,M., Fukudome,K. and Toh,C.H. (2009) Microparticle-associated endothelial protein C receptor and the induction of cytoprotective and anti-inflammatory effects. *Haematologica*, **94**, 387-394.

Epithelial Renal Tubule Cell Lines (NRK-52E, LLC-PK1, MDCK, HK2)

Rodriguez-Garcia,M.E., Quiroga,A.G., Castro,J., Ortiz,A., Aller,P. and Mata,F. (2009) Inhibition of p38-MAPK potentiates cisplatin-induced apoptosis via GSH depletion and increases intracellular drug accumulation in growth-arrested kidney tubular epithelial cells. *Toxicological Sciences*, **111**, 413.

Human Breast Adenocarcinoma Cell Line (MCF-7), Human Cervical Cancer Cell Line (HeLa) and Human Osteosarcoma Cell Line (MG63)

Sagar,S. and Green,I.R. (2009) Pro-apoptotic activities of novel synthetic quinones in human cancer cell lines. *Cancer Letters*, **285**, 23-27.

Human Colon Carcinoma HCA-7, Human Breast Cancer MDA-MB231, Human Colon Adenocarcinoma Grade II HT-29, Human Colon Carcinoma HCT-116, Human Embryonic Kidney HEK293 and Human Breast Adenocarcinoma MCF-7 Cell Lines

Schiffmann,S., Sandner,J., Schmidt,R., Birod,K., Wobst,I., Schmidt,H., Angioni,C., Geisslinger,G. and Grösch,S. (2009) The selective COX-2 inhibitor celecoxib modulates sphingolipid synthesis. *The Journal of Lipid Research*, **50**, 32-40.

Human Osteoblast-Like Saos-2 Cells

Smith,S.S., Reyes,J.R., Arbon,K.S., Harvey,W.A., Hunt,L.M. and Heggland,S.J. (2009) Cadmium-induced decrease in RUNX2 mRNA expression and recovery by the antioxidant N-acetylcysteine (NAC) in the human osteoblast-like cell line, Saos-2. *Toxicology in Vitro*, **23**, 60-66.

Non-Hodgkin Lymphoma (NHL) Cells

Sniderhan,L.F., Garcia-Bates,T.M., Burgart,M., Bernstein,S.H., Phipps,R.P. and Maggirwar,S.B. (2009) Neurotrophin signaling through tropomyosin receptor kinases contributes to the survival and proliferation of Non-Hodgkin Lymphoma. *Experimental Hematology*, **37**, 1295 - 1309.

Mouse Leukaemic Monocyte Macrophage Cell Line (RAW 264.7), CB2^{+/+} and CB2^{-/-} Peritoneal Macrophages and Mouse Liver Microsomes

Thewke,D., Freeman-Anderson,N., Pickle,T., Netherland,C. and Chilton,C. (2009) AM-251 and SR144528 are acyl CoA: cholesterol acyltransferase inhibitors. *Biochemical and Biophysical Research Communications*, **381**, 181-186.

Various Cell Lines (COS-7, HEK293, PC12, M23)

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