

Key Publications

Human Mammary Epithelial Cells (HME1)

Beaudin S, Welsh J. 1,25-Dihydroxyvitamin D induces the glutamate transporter SLC1A1 and alters glutamate handling in non-transformed mammary cells. *Mol Cell Endocrinol.* 2016 Mar 15;424:34-41. [PMID 26774511]



Beaudin SG, Robilotto S, Welsh J. Comparative regulation of gene expression by 1,25-dihydroxyvitamin D3 in cells derived from normal mammary tissue and breast cancer. *J Steroid Biochem Mol Biol.* 2015 Apr;148:96-102. Review. [PMID 25239595]



Campo McKnight DA, Sosnoski DM, Koblinski JE, Gay CV. Roles of osteonectin in the migration of breast cancer cells into bone. *J Cell Biochem.* 2006 Feb 1;97(2):288-302. [PMID 16173048]



Ergun S, Tayeb TS, Arslan A, Temiz E, Arman K, Safdar M, Dağlı H, Korkmaz M, Nacarkahya G, Kırkbeş S, Oztuzcu S. The investigation of miR-221-3p and PAK1 gene expressions in breast cancer cell lines. *Gene.* 2015 Jan 25;555(2):377-81. [PMID 25447917]



Gogebakan B, Bayraktar R, Suner A, Balakan O, Ulasli M, Izmirli M, Oztuzcu S, Camci C. Do fasudil and Y-27632 affect the level of transient receptor potential (TRP) gene expressions in breast cancer cell lines? *Tumour Biol.* 2014 Aug;35(8):8033-41. [PMID 24839003]



Gomulkiewicz A, Jablonska K, Pula B, Grzegorzolka J, Borska S, Podhorska-Okolow M, Wojnar A, Rys J, Ambicka A, Ugorski M, Zabel M, Dziegiel P. Expression of metallothionein 3 in ductal breast cancer. *Int J Oncol.* 2016 Dec;49(6):2487-2497. [PMID 27840910]



Hagemann T, Binder C, Binder L, Pukrop T, Trümper L, Grimshaw MJ. Expression of endothelins and their receptors promotes an invasive phenotype of breast tumor cells but is insufficient to induce invasion in benign cells. *DNA Cell Biol.* 2005 Nov;24(11):766-76. [PMID: 16274297]



Herbert BS, Wright WE, Shay JW. p16(INK4a) inactivation is not required to immortalize human mammary epithelial cells. *Oncogene.* 2002 Nov 7;21(51):7897-900. [PMID 12420227]



Junk DJ, Vrba L, Watts GS, Oshiro MM, Martinez JD, Futscher BW. Different mutant/wild-type p53 combinations cause a spectrum of increased invasive potential in nonmalignant immortalized human mammary epithelial cells. *Neoplasia.* 2008 May;10(5):450-61. [PMID 18472962]



Lee H, Park DS, Razani B, Russell RG, Pestell RG, Lisanti MP. Caveolin-1 mutations (P132L and null) and the pathogenesis of breast cancer: caveolin-1 (P132L) behaves in a dominant-negative manner and caveolin-1 (-/-) null mice show mammary epithelial cell hyperplasia. *Am J Pathol.* 2002 Oct;161(4):1357-69. [PMID 12368209]



Human Mammary Epithelial Cells (HME1)

Park DS, Lee H, Riedel C, Hulit J, Scherer PE, Pestell RG, Lisanti MP. Prolactin negatively regulates caveolin-1 gene expression in the mammary gland during lactation, via a Ras-dependent mechanism. *J Biol Chem.* 2001 Dec 21;276(51):48389-97. [PMID 11602600]



Saeed M, Sheff D, Kohen A. Novel positron emission tomography tracer distinguishes normal from cancerous cells. *J Biol Chem.* 2011 Sep 30;286(39):33872-8. [PMID 21832075]



Tan JM, Chow VT. Cellular expression, localization and interactions of the product of the human MOST-1 gene associated with breast and prostate cancers. *Int J Oncol.* 2007 Jan;30(1):81-9. [PMID 17143515]



Tzanova T, Gerova M, Petrov O, Karaivanova M, Bagrel D. Synthesis and antioxidant potential of novel synthetic benzophenone analogues. *Eur J Med Chem.* 2009 Jun;44(6):2724-30. [PMID 18950902]



Zecchin D, Boscaro V, Medico E, Barault L, Martini M, Arena S, Cancelliere C, Bartolini A, Crowley EH, Bardelli A, Gallicchio M, Di Nicolantonio F. BRAF V600E is a determinant of sensitivity to proteasome inhibitors. *Mol Cancer Ther.* 2013 Dec;12(12):2950-61. [PMID 24107445]



Zhang Y, Chin-Quee K, Riddle RC, Li Z, Zhou Z, Donahue HJ. BRMS1 Sensitizes Breast Cancer Cells to ATP-Induced Growth Suppression. *Biores Open Access.* 2013 Apr;2(2):77-83. [PMID 23593560]

