

LITERATURVERZEICHNIS

Adams, JC, Watt, FM. Changes in keratinocyte adhesion during terminal differentiation: reduction in fibronectin binding precedes alpha 5 beta 1 integrin loss from the cell surface. *Cell* 1990;63:425-435.

ASRM. Estrogen and progestogen therapy in postmenopausal women. *Fertil Steril* 2004;81:231-241.

Atula, S, Grenman, R, Laippala, P, Syrjanen, S. Cancer of the tongue in patients younger than 40 years. A distinct entity? *Arch Otolaryngol Head Neck Surg* 1996;122:1313-1319.

Barreuther, MF, Grabel, LB. The role of phosphorylation in modulating beta 1 integrin localization. *Exp Cell Res* 1996;222:10-15.

Bonaccorsi, L, Carloni, V, Muratori, M, et al. Androgen receptor expression in prostate carcinoma cells suppresses alpha6beta4 integrin-mediated invasive phenotype. *Endocrinology* 2000;141:3172-3182.

Bottini, C, Miotti, S, Fiorucci, S, Facheris, P, Menard, S, Colnaghi, MI. Polarization of the alpha 6 beta 4 integrin in ovarian carcinomas. *Int J Cancer* 1993;54:261-267.

Boudreau, N, Simpson, CJ, Werb, Z, Bissell, MJ. Suppression of ICE and apoptosis in mammary epithelial cells by extracellular matrix. *Science* 1995;267:891-893.

Carey, TE. Head and Neck Tumor Cell Lines. In: Hay, RJ, Park, J-G, Gazdar, A, eds. *Atlas of Human Tumor Cell Lines*, Academic Press, Inc., 1994:79-120.

Carroll, JM, Romero, MR, Watt, FM. Suprabasal integrin expression in the epidermis of transgenic mice results in developmental defects and a phenotype resembling psoriasis. *Cell* 1995;83:957-968.

Chao, C, Lotz, MM, Clarke, AC, Mercurio, AM. A function for the integrin alpha6beta4 in the invasive properties of colorectal carcinoma cells. *Cancer Res* 1996;56:4811-4819.

Charalabopoulos, K, Mittari, E, Karakosta, A, Golias, C, Batistatou, A. Integrins adhesion molecules and some of their ligands in laryngeal cancer. *Exp Oncol* 2005;27:86-90.

Cid, MC, Esparza, J, Schnaper, HW, et al. Estradiol enhances endothelial cell interactions with extracellular matrix proteins via an increase in integrin expression and function. *Angiogenesis* 1999;3:271-280.

Dabrowska, M, Palka, J, Wolczynski, S, Pietruczuk, M, Osada, J. Potential role of beta 1 integrin and collagen biosynthesis in estrogen-dependent reduction of apoptosis in tamoxifen-treated breast cancer cells. *Gynecol Obstet Invest* 2001;51:248-253.

- Dalton, SL, Scharf, E, Briesewitz, R, Marcantonio, EE, Assoian, RK. Cell adhesion to extracellular matrix regulates the life cycle of integrins. *Mol Biol Cell* 1995;6:1781-1791.
- Das, C, Basak, S. Expression and regulation of integrin receptors in human trophoblast cells: role of estradiol and cytokines. *Indian J Exp Biol* 2003;41:748-755.
- Datta, SR, Brunet, A, Greenberg, ME. Cellular survival: a play in three Akts. *Genes Dev* 1999;13:2905-2927.
- Dauvois, S, Danielian, PS, White, R, Parker, MG. Antiestrogen ICI 164,384 reduces cellular estrogen receptor content by increasing its turnover. *Proc Natl Acad Sci U S A* 1992;89:4037-4041.
- Dhingra, K. Antiestrogens-tamoxifen, SERMs and beyond. *Invest New Drugs* 1999;17:285-311.
- Dietrich, T, Reichart, PA, Scheifele, C. Clinical risk factors of oral leukoplakia in a representative sample of the US population. *Oral Oncol* 2004;40:158-163.
- Dowling, J, Yu, QC, Fuchs, E. Beta4 integrin is required for hemidesmosome formation, cell adhesion and cell survival. *J Cell Biol* 1996;134:559-572.
- Ellis, PA, Saccani-Jotti, G, Clarke, R, et al. Induction of apoptosis by tamoxifen and ICI 182780 in primary breast cancer. *Int J Cancer* 1997;72:608-613.
- Eriksen, JG, Steiniche, T, Sogaard, H, Overgaard, J. Expression of integrins and E-cadherin in squamous cell carcinomas of the head and neck. *Apmis* 2004;112:560-568.
- Fawell, SE, White, R, Hoare, S, Sydenham, M, Page, M, Parker, MG. Inhibition of estrogen receptor-DNA binding by the "pure" antiestrogen ICI 164,384 appears to be mediated by impaired receptor dimerization. *Proc Natl Acad Sci U S A* 1990;87:6883-6887.
- Franke, TF, Kaplan, DR, Cantley, LC, Toker, A. Direct regulation of the Akt proto-oncogene product by phosphatidylinositol-3,4-bisphosphate. *Science* 1997;275:665-668.
- Friedrichs, K, Ruiz, P, Franke, F, Gille, I, Terpe, HJ, Imhof, BA. High expression level of alpha 6 integrin in human breast carcinoma is correlated with reduced survival. *Cancer Res* 1995;55:901-906.
- Funk, GF, Karnell, LH, Robinson, RA, Zhen, WK, Trask, DK, Hoffman, HT. Presentation, treatment, and outcome of oral cavity cancer: a National Cancer Data Base report. *Head Neck* 2002;24:165-180.
- Ginsberg, MH, Partridge, A, Shattil, SJ. Integrin regulation. *Curr Opin Cell Biol* 2005;17:509-516.

Guszczyn, T, Sobolewski, K. Deregulation of collagen metabolism in human stomach cancer. *Pathobiology* 2004;71:308-313.

Hashibe, M, Sankaranarayanan, R, Thomas, G, et al. Alcohol drinking, body mass index and the risk of oral leukoplakia in an Indian population. *Int J Cancer* 2000;88:129-134.

Hemler, ME, Crouse, C, Sonnenberg, A. Association of the VLA alpha 6 subunit with a novel protein. A possible alternative to the common VLA beta 1 subunit on certain cell lines. *J Biol Chem* 1989;264:6529-6535.

Horwitz, AR, Parsons, JT. Cell migration--movin' on. *Science* 1999;286:1102-1103.

Hotchin, NA, Watt, FM. Transcriptional and post-translational regulation of beta 1 integrin expression during keratinocyte terminal differentiation. *J Biol Chem* 1992;267:14852-14858.

Iype, T, Jayasree, K, Sudhakaran, PR. Modulation of alpha2beta1 integrin changes during mammary gland development by beta-oestradiol. *Biochim Biophys Acta* 2001;1499:232-241.

Jakse, R, Auberger, T, Beck-Managetta, J, et al. (2003). Kopf/Hals Malignome. 2003. (Accessed January 23, 2004, at <http://www.aco.at/manual/kopfhals>)

Kimmel, KA, Carey, TE. Altered expression in squamous carcinoma cells of an orientation restricted epithelial antigen detected by monoclonal antibody A9. *Cancer Res* 1986;46:3614-3623.

Kuphal, S, Bauer, R, Bosserhoff, AK. Integrin signaling in malignant melanoma. *Cancer Metastasis Rev* 2005;24:195-222.

Kushlinskii, NE, Nagibin, AA, Laptev, PI. [Determination of the sensitivity of tumorous and pretumorous processes in the oral mucosa to steroid hormones]. *Stomatologiya (Mosk)* 1988;67:32-33.

Laborda, J. 36B4 cDNA used as an estradiol-independent mRNA control is the cDNA for human acidic ribosomal phosphoprotein PO. *Nucleic Acids Res* 1991;19:3998.

Leimola-Virtanen, R, Salo, T, Toikkanen, S, Pulkkinen, J, Syrjanen, S. Expression of estrogen receptor (ER) in oral mucosa and salivary glands. *Maturitas* 2000;36:131-137.

Lipscomb, EA, Dugan, AS, Rabinovitz, I, Mercurio, AM. Use of RNA interference to inhibit integrin (alpha6beta4)-mediated invasion and migration of breast carcinoma cells. *Clin Exp Metastasis* 2003;20:569-576.

Llewellyn, CD, Johnson, NW, Warnakulasuriya, KA. Risk factors for squamous cell carcinoma of the oral cavity in young people--a comprehensive literature review. *Oral Oncol* 2001;37:401-418.

Mercurio, AM, Rabinovitz, I, Shaw, LM. The alpha 6 beta 4 integrin and epithelial cell migration. *Curr Opin Cell Biol* 2001;13:541-545.

Meyer, A, van Golen, CM, Kim, B, van Golen, KL, Feldman, EL. Integrin expression regulates neuroblastoma attachment and migration. *Neoplasia* 2004;6:332-342.

Mizejewski, GJ. Role of integrins in cancer: survey of expression patterns. *Proc Soc Exp Biol Med* 1999;222:124-138.

Morris, C, Wakeling, A. Fulvestrant ('Faslodex')-a new treatment option for patients progressing on prior endocrine therapy. *Endocr Relat Cancer* 2002;9:267-276.

O'Connor, KL, Shaw, LM, Mercurio, AM. Release of cAMP gating by the alpha6beta4 integrin stimulates lamellae formation and the chemotactic migration of invasive carcinoma cells. *J Cell Biol* 1998;143:1749-1760.

Osborne, CK. Tamoxifen in the treatment of breast cancer. *N Engl J Med* 1998;339:1609-1618.

Osborne, CK, Zhao, H, Fuqua, SA. Selective estrogen receptor modulators: structure, function, and clinical use. *J Clin Oncol* 2000;18:3172-3186.

Platet, N, Cathiard, AM, Gleizes, M, Garcia, M. Estrogens and their receptors in breast cancer progression: a dual role in cancer proliferation and invasion. *Crit Rev Oncol Hematol* 2004;51:55-67.

Rabinovitz, I, Mercurio, AM. The integrin alpha6beta4 functions in carcinoma cell migration on laminin-1 by mediating the formation and stabilization of actin-containing motility structures. *J Cell Biol* 1997;139:1873-1884.

Sambrook, J, Fritsch, EF, Maniatis, T . *Molecular Cloning*, Coldspring Harbor Laboratory Press, 1989.

Schehr, RS. Rethinking the development of breast cancer. *Nat Biotechnol* 1997;15:517-518.

Serini, G, Trusolino, L, Saggiorato, E, et al. Changes in integrin and E-cadherin expression in neoplastic versus normal thyroid tissue. *J Natl Cancer Inst* 1996;88:442-449.

Shapira, A, Virolainen, E, Jameson, JJ, Ossakow, SJ, Carey, TE. Growth inhibition of laryngeal UM-SCC cell lines by tamoxifen. Comparison with effects on the MCF-7 breast cancer cell line. *Arch Otolaryngol Head Neck Surg* 1986;112:1151-1158.

Shinohara, M, Nakamura, S, Sasaki, M, et al. Expression of integrins in squamous cell carcinoma of the oral cavity. Correlations with tumor invasion and metastasis. *Am J Clin Pathol* 1999;111:75-88.

Song, RX, Zhang, Z, Santen, RJ. Estrogen rapid action via protein complex formation involving ERalpha and Src. *Trends Endocrinol Metab* 2005;16:347-353.

Stabile, LP, Siegfried, JM. Estrogen receptor pathways in lung cancer. *Curr Oncol Rep* 2004;6:259-267.

Stidham, KR, Roberson, JB, Jr. Effects of estrogen and tamoxifen on growth of human vestibular schwannomas in the nude mouse. *Otolaryngol Head Neck Surg* 1999;120:262-264.

Sutherland, RL, Watts, CKW, Lee, CSL, Musgrove, EA. Breast Cancer. In: Masters, JRW, Palsson, B, eds. *Cancer Cell Lines Part 2*, Kluwer Academic Publishers, 1999:79-106.

Swiatecka, J, Dzieciol, J, Anchim, T, Dabrowska, M, Pietruczuk, M, Wolczynski, S. Influence of estrogen, antiestrogen and UV-light on the balance between proliferation and apoptosis in MCF-7 breast adenocarcinoma cells culture. *Neoplasma* 2000;47:15-24.

Tavassoli, M, Soltaninia, J, Rudnicka, J, Mashanyare, D, Johnson, N, Gaken, J. Tamoxifen inhibits the growth of head and neck cancer cells and sensitizes these cells to cisplatin induced-apoptosis: role of TGF- beta1. *Carcinogenesis* 2002;23:1569-1575.

Thomas, P, Pang, Y, Filardo, EJ, Dong, J. Identity of an estrogen membrane receptor coupled to a G protein in human breast cancer cells. *Endocrinology* 2005;146:624-632.

Valimaa, H, Savolainen, S, Soukka, T, et al. Estrogen receptor-beta is the predominant estrogen receptor subtype in human oral epithelium and salivary glands. *J Endocrinol* 2004;180:55-62.

van der Flier, A, Sonnenberg, A. Function and interactions of integrins. *Cell Tissue Res* 2001;305:285-298.

van der Neut, R, Krimpenfort, P, Calafat, J, Niessen, CM, Sonnenberg, A. Epithelial detachment due to absence of hemidesmosomes in integrin beta 4 null mice. *Nat Genet* 1996;13:366-369.

Vidal, F, Aberdam, D, Miquel, C, et al. Integrin beta 4 mutations associated with junctional epidermolysis bullosa with pyloric atresia. *Nat Genet* 1995;10:229-234.

Wewer, UM, Shaw, LM, Albrechtsen, R, Mercurio, AM. The integrin alpha 6 beta 1 promotes the survival of metastatic human breast carcinoma cells in mice. *Am J Pathol* 1997;151:1191-1198.

Yoshimura, Y, Miyakoshi, K, Hamatani, T, et al. Role of beta 1 integrins in human endometrium and decidua during implantation. *Horm Res* 1998;50 Suppl 2:46-55.

Ziober, BL, Silverman, SS, Jr., Kramer, RH. Adhesive mechanisms regulating invasion and metastasis in oral cancer. *Crit Rev Oral Biol Med* 2001;12:499-510.