

Publikationen

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In press

Abarzua, S., M. Szewczyk, S. Gailus, **D.-U. Richter**, W. Ruth, V. Briese, B. Piechulla (2006): Effects of phytoestrogen extracts from *Linum usitatissimum* on the human trophoblast tumour cell line Jeg3. Anticancer Research, in press

Richter DU, Jeschke U, Makovitzky J, Briese V.: Expression of the Pan-Tumor-Antigen Thomsen-Friedenreich in the Human Placenta with the diagnosis "Hydatidiform mole". Anticancer Research, in press.

Richter C, Baetje M, Bischof A, Makovitzky J, **Richter DU**, Gerber B, Briese V.: Expression of the glycodelin A-gene and the detection of its protein in tissues and serum of ovarian carcinomas. Anticancer Research, in press.

2007

Gellerson B, Briese J, Oberndörfer M, Redlin K, **Richter DU**, Lönig TH, Schulte HM, Bambberger AM. Expression of the Metastasis Suppressor KAI1 in Decidual Cells at the Human-Fetal Interface: Regulation and Functional Implications. J Pathol. 2007 Jan; 170 (1) : 126-39.

2006

Briese M, **Richter DU** Sattelle DB, Ulfig N. SMN, the product of the spinal muscular atrophy-determining gene, is expressed widely but selectively in the developing human forebrain. Comp Neurol. 2006 Aug; 497(5): 808-16.

Nebe B, Peters A, Duske K, **Richter DU**, Briese V.: Influence of phytoestrogens on the proliferation and expression of adhesion receptors in human mammary epithelial cells *in vitro*. Eur J Cancer Prev, 2006 Oct; 15(5): 405-15.

Matscheski A, **Richter DU**, Hartmann AM, Effmert U, Jeschke U, Kupka MS, Abarzua S, Briese V, Ruth U, Piechulla B.: Effects of Phytoestrogen Extracts isolated from Rye, Green and Yellow Pea Seeds on Hormone Production and Proliferation of Trophoblast Tumor Cells Jeg3. Hormone Research 2006; 65: 276-288.

Mylonas I, Makovitzky J, Hoeing A, **Richter DU**, Vogl I, Schulze S, Jeschke U, Briese V, Friese K. Inhibin/activin subunits beta-A (-betaA) and beta-B (-betaB) are differentially localised in normal, hyperplastic and malignant human endometrial tissue. Acta Histochem. 2006; 108(1):1-11.

Jeschke U, Kuhn C, Mylonas I, Schulze S, Friese K, Mayr D, Speer R, Briese V, **Richter DU**, Haase M, Karsten U. Development and characterization of monoclonal antibodies for the immunohistochemical detection of glycodelin A in decidual, endometrial and gynaecological tumour tissues. Histopathology. 2006 Mar; 48(4): 394-406.

2005

Jeschke U, Briese V, **Richter DU**, Bruer G, Plessow D, Waldschläger J, Mylonas I, Friese K.: Effects of phytoestrogens genistein and daidzein on production of human chorionic gonadotropin in term trophoblast cells *in vitro*. Gynecological Endocrinology 2005 Sept., 21 (3): 180-184.

Jeschke U, **Richter DU**, Briese V, Mylonas I, Friese K.: Stimulation of hCG, estrogen and progesterone production in isolated trophoblast cells by glycodelin A or its N-Glycans. Z Geburtshilfe Neonatol. 2005 Apr;209(2):59-64.

Jeschke U, Mylonas I, **Richter DU**, Höcker I, Briese V, Makrigiannakis A, Friese K.: Regulation of progesterone production in human term trophoblasts *in vitro* by CRH, ACTH and cortisol (prednisolone). Arch Gynecol Obstet. 2005 Jun;272(1):7-12.

Mylonas I, Makovitzky J, Shabani N, **Richter DU**, Kuhn C, Jeschke U, Briese V, Friese K.: Leukemia inhibitory factor (LIF) is immunohistochemically expressed in normal, hyperplastic and malignant endometrial tissue. Eur J Obstet Gynecol Reprod Biol. 2005 Jan 10;118(1):101-8.

Jeschke U, Karsten U, Reimer T, **Richter DU**, Bergemann C, Briese v, Mylonas I, Friese K.: Stimulation of hCG and mRNA in first trimester villous cytotrophoblast cells *in vitro* by glycodelin A. J Perinat Med. 2005;33(3):212-8.

Jeschke U, **Richter DU**, Reimer T, Bergemann C, Briese V, Karsten U, Mylonas I, Kupka MS, Wiest I, Friese K: Glycodelin A and differentiation of first trimester trophoblast cells *in vitro*. Arch Gynecol Obstet 272 (2005) 151-159.

Jeschke U, Bischof A, Speer R, Briese V, **Richter DU**, Bergemann C, Mylonas I, Shabani N, Friese K, Karsten U.: Development of Monoclonal and Polyclonal Antibodies and an ELISA for the Determination of Glycodelin in Human Serum, Amniotic Fluid and Cystic Fluid of Benign and Malignant Ovarian Tumors. Anticancer Research 2005 May-June; 25(3A):1581-90.

Mylonas I, Makovitzky J, Shabani N, **Richter DU**, Jeschke U, Briese V, Friese K.: Parathyroid Hormone-related Peptide (PTHrp) in Normal, Hyperplastic and Malignant Endometrial Tissue: an Immunohistochemical Analysis. Anticancer Research 2005 May-June; 25(3A):1633-1638.

Bischof A, Briese V, **Richter DU**, Bergemann C, Friese K, Jeschke U.: Measurement of Glycodelin A in Fluids of Benign Ovarian Cysts, Borderline Tumours and malignant Ovarian Cancer. Anticancer Research 2005 May-June; 25(3A):1639-44.

Richter DU, Jeschke U, Bergemann C, Makovitzky J, Lüthen F, Karsten U, Briese V.: Expression of the Thomsen-Friedenreich (TF) Tumor Antigen in Human Abort Placentas. *Anticancer Research* 2005 May-June; 25(3A):1675-78.

Staar St, **Richter DU**, Makovitzky J, Briese V, Bergemann C.: Stimulation of Endometrial Glandular Cells with Genistein and Daidzein and their Effects on ER α - and ER β -mRNA and Protein Expression. *Anticancer Research* 2005 May-June; 25(3A):1713-18.

Gunkel L, Mylonas I, **Richter DU**, Makovitzky J.: Immunohistochemical Studies of Mucinous Mammary Carcinomas and their Metastases. *Anticancer Research* 2005 May-June; 25(3A):1755-60.

Waldschläger J, Bergemann C, Ruth S., Effmert U, Jeschke U, **Richter DU**, Kragl B, Piechulla B., Briese V: Flax-seed Extracts with Phytoestrogenic Effects on a Hormone Receptor-positive Tumour Cell Line. *Anticancer Research* 2005 May-June; 25(3A):1817-22.

Jeschke U, **Richter DU**, Briese V, Mylonas I, Friese K.: Stimulierung der hCG-, Estrogen- und Progesteronproduktion in isolierten Trophoblastzellen durch Glycodelin A bzw. seiner N-Glycane. *Zentralbl Gynäkol* 696 (2005).

Jeschke U, Karsten U, Reimer T, **Richter DU**, Bergemann C, Briese V, Mylonas I, Friese K.: Stimulation of hCG protein and mRNA in first trimester villous cytotrophoblast cells *in vitro* by glycodelin A. *J. Perinat. Med.* (2005)

2004

Höcker I, **Richter DU**, Briese V, Wiest I, Mylonas I, Friese K, Jeschke U.: Investigations on regulation of HCG by cortisol (prednisolon) in trophoblast cells *in vitro*. *Zentralbl Gynäkol*. 2004 Dec; 126 (6): 373-7, German.

Jeschke U, **Richter DU**, Reimer T, Bergemann C, Briese V, Karsten U, Mylonas I, Kupka MS, Wiest I, Friese K.: Glycodelin A and differentiation of first trimester trophoblast cells *in vitro*. *Arch Gynecol Obstet*. 2004 Nov 10.

Mylonas I, Makovitzky J, Fernow A, **Richter DU**, Jeschke U, Briese V, Gerber B, Friese K.: Expression of the inhibin/activin subunits alpha (alpha), beta-A (betaA) and beta-A and beta-B (betaB) in benign human endometrial polyps and tamoxifen-associated polyps. *Arch Gynecol Obstet*. 2004 Aug 12.

Jeschke U, Mylonas I, **Richter DU**, Streu A, Mueller H, Briese V, Friese K.: Human amniotic fluid glycoproteins expressing sialyl Lewis carbohydrate antigens stimulate progesterone production in human trophoblasts *in vitro*. *Gynecol Obstet Invest*. 2004;58 (4): 207-11.

Jeschke U, Gundel G, Mueller H, **Richter DU**, Streu A, Briese V, Mylonas I, Friese K, Unverzagt C.: N-glycans of human amniotic fluid transferin stimulate progesterone production in human first trimester trophoblast cells *in vitro*. *J Perinat Med*. 2004;(3): 248-53.

Mylonas I, Makovitzky J, **Richter DU**, Jeschke U, Briese V, Friese K.: Expression of the inhibin-alpha subunit in normal, hyperplastic and malignant endometrial tissue: an immunhistochemical analysis. *J Perinat Med*. 2004; 32.

2003

Höcker I, Briese V, **Richter DU**, Mylonas I, Friese K, Jeschke U.: Investigations on Regulation of CRH, ACTH and Cortisol in Trophoblast Cells *in vitro*. *Zentralbl Gynäkol*. 2003 Oct; 125(10): 409-14.

Mylonas I, Makovitzky J, **Richter DU**, Jeschke , Briese V, Friese K.: Cathepsin D expression in normal, hyperplastic and malignant endometri tissue: an immunhisto-chemical analysis. *Acta Histochem*.2003; 105(3):245-52.

Mylonas I, Jeschke U, Winkler L, Makovitzky J, **Richter DU**, Briese V, Friese K.: Immunohistochemical expression of inhibin-alpha in human endometrium and the *in vitro* secretion of inhibin, estradiol and cortisol in cultured human endometrial glandular cells. *Arch Gynecol Obstet* 2003; 268:142-150.

Jeschke U, **Richter DU**, Walzel H, Bergemann C, Mylonas I, Sharma S, Keil C, Briese V, Friese K.: Stimulation of hCG and inhibition of hPL in isolated human trophoblast cells *in vitro* by glycodelin A. *Arch Gynecol Obstet* 2003; 268:162-167.

Plessow D, Waldschläger J, **Richter DU**, Jeschke U, Bruer G, Briese V, Friese K.: Effects of phytoestrogens on the throphoblast tumour cell lines BeWo and Jeg3. *Anticancer Research* 2003; 23:1081-1086.

Makovitzky J, Vogel M, Miessner R, Mylonas, Vogt-Weber B, **Richter DU**: Diagnostic aspects of hydratidiform note with persistence of polymorphic trophoblastic hyperplasia. *Anticancer Research* 2003 March-April; 23(2A):1069-73.

2002

Reimer T, Koczan D, Gerber B, **Richter DU**, Thiesen HJ, Friese K.: Microarray analysis of differentially expressed genes in placental tissue of pre-eclampsia: up-regulation of obesity-genes. *Mol Hum Reprod*. 2002 July; 8(7):674-80.

Mylonas I, Makovitzky J, **Richter DU** , Briese V, Friese K: Immunohistochemical expression of inhibin-alpha subunit in normal, hyperplastic and malignant endometrial tissue. *Biological Reproduction* 66 2002; 539 Suppl. 1

Jeschke U, **Richter DU**, Hammer A, Briese V, Friese K, Karsten U.: Expression of the Thomsen-Friedenreich antigen and of its putative carrier protein mucin 1 in the human placenta and in trophoblast cells *in vitro*. *Histochem Cell Biology* 2002 March; 117(3):219-26.

Mylonas I, Jeschke U, Makovitzky J, **Richter DU**, Briese V, Friese K: Immunohistochemical expression of steroid receptors and glycodelin A in isolated proliferative human endometrial glandular cells after stimulation with tamoxifen and phytoestrogens. FASEB J 2002 March 20; 16(4) Part 1:A143-A143.

2001

Gerber B, Krause A, Müller H, **Richter DU**, Reimer T, Makovitzky J, Herrnring C, Jeschke U, Kundt G, Friese K. Simultaneous immunohistochemical detection of tumor cells in lymph nodes and bone marrow aspirates in breast cancer and its correlation with other prognostic factors. Journal of Clinical Oncology 2001 February 15; 19(4):960-71.

2000

Richter DU, Jeschke U, Makovitzky J, Goletz S, Karsten U, Briese V, Friese K.: Expression of the Thomsen-Friedenreich (TF) antigen in the human placenta. Anticancer Research 2000 November-December; 20(6D):5129-33.

Mylonas I, Makovitzky J, **Richter DU**, Briese V, Jeschke U, Friese K.: Expression of cytokeratins and vimentin in normal human endometrial cells in vitro: an immunohistochemical analysis on isolated glandular epithelial cells. Anticancer Research 2000 November-December; 20(6D):5125-8.

Mylonas I, Speer R, Makovitzky J, **Richter DU**, Briese V, Jeschke U, Friese K.: Immunohistochemical analysis of steroid receptors and glycodelin A (PP1) in isolated glandular epithelial cells of normal human endometrium. Histochemical Cell Biology 2000 November; 114(5):405-11.

Jeschke U, Reimer T, **Richter DU**, Koczan D, Briese V, Friese K:
Stimulation of HCG protein and mRNA levels in isolated human trophoblast cells by glycodelin A.
Human Reproduction 15 2000 June; Sp. Iss. A1:P207.

Streu A, Jeschke U, **Richter DU**, Müller H, Briese V, Friese K.: Human amniotic fluid transferrin stimulates progesterone production by human trophoblast cells in vitro. Zentralblatt der Gynäkologie 2000; 122(8):407-12.

Reimer T, Koczan D, Briese V, Friese K, **Richter D**, Thiesen HJ, Jeschke U.: Absolute quantification of human chorionic gonadotropin-beta mRNA with TaqMan detection. Molecular Biotechnology 2000 January; 14(1):47-57.

Reimer T, Herrnring C, Koczan D, **Richter D**, Gerber B, Kabelitz D, Friese K, Thiese HJ.: FasL:Fas ratio – a prognostic factor in breast carcinomas. Cancer Research 2000 February 15; 60(4):822-8.