

## Abteilung "Humangenetik"

### Journalbeiträge

1. Adham IM, Khulan J, Held T, Schmidt B, Meyer BI, Meinhardt A, Engel W (2008) Fas-associated factor (FAF1) is required for the early cleavage-stages of mouse embryo. *MOL HUM REPROD*, 14(4): 207-13.
2. Argyriou L, Wirbelauer J, Dev A, Panchulidze I, Shoukier M, Teske U, Nayernia K (2008) A newborn with hereditary haemorrhagic telangiectasia and an unusually severe phenotype. *SWISS MED WKLY*, 138(29-30): 432-6.
3. Böhm J, Buck A, Borozdin W, Mannan AU, Matysiak-Scholze U, Adham I, Schulz-Schaeffer W, Floss T, Wurst W, Kohlhase J, Barrionuevo F (2008) Sall1, sall2, and sall4 are required for neural tube closure in mice. *AM J PATHOL*, 173(5): 1455-63.
4. Ecke I, Rosenberger A, Obenauer S, Dullin C, Aberger F, Kimmina S, Schweyer S, Hahn H (2008) Cyclopamine treatment of full-blown Hh/Ptch-associated RMS partially inhibits Hh/Ptch signaling, but not tumor growth. *MOL CARCINOGEN*, 47(5): 361-72.
5. Glaser T, Opitz T, Kischlat T, Konang R, Sasse P, Fleischmann BK, Engel W, Nayernia K, Brüstle O (2008) Adult germ line stem cells as a source of functional neurons and glia. *STEM CELLS*, 26(9): 2434-43.
6. Goering W, Adham IM, Pasche B, Manner J, Ochs M, Engel W, Zoll B (2008) Impairment of gastric acid secretion and increase of embryonic lethality in Foxq1-deficient mice. *CYTOGENET GENOME RES*, 121(2): 88-95.
7. Grzmil P, Boinska D, Kleene KC, Adham I, Schlüter G, Kämper M, Buyandelger B, Meinhardt A, Wolf S, Engel W (2008) Prm3, the fourth gene in the mouse protamine gene cluster, encodes a conserved acidic protein that affects sperm motility. *BIOL REPROD*, 78(6): 958-67.
8. Kaulfuss S, Grzmil M, Hemmerlein B, Thelen P, Schweyer S, Neesen J, Bubendorf L, Glass AG, Jarry H, Auber B, Burfeind P (2008) Leupaxin, a novel coactivator of the androgen receptor, is expressed in prostate cancer and plays a role in adhesion and invasion of prostate carcinoma cells. *MOL ENDOCRINOL*, 22: 1606-21.
9. Mardanpour P, Guan K, Nolte J, Lee JH, Hasenfuss G, Engel W, Nayernia K (2008) Potency of germ cells and its relevance for regenerative medicine. *J ANAT*, 213: 26-9.
10. Müller SP, Bartels I, Stein W, Emons G, Gutensohn K, Köhler M, Legler TJ (2008) The determination of the fetal D status from maternal plasma for decision making on Rh prophylaxis is feasible. *TRANSFUSION*, 48(11): 2292-301.
11. Pantakani DV, Swapna LS, Srinivasan N, Mannan AU (2008) Spastin oligomerizes into a hexamer and the mutant spastin (E442Q) redistribute the wild-type spastin into filamentous microtubule. *J NEUROCHEM*, 106(2): 613-24.
12. Pantakani DV, Zechner U, Argyriou L, Pauli S, Sauter SM, Mannan AU (2008) Compound heterozygosity in the SPG4 gene causes hereditary spastic paraplegia. *CLIN GENET*, 73(3): 268-72.
13. Possner M, Heuser M, Kaulfuss S, Scharf JG, Schulz W, Hermann-Ringert R, Thelen P (2008) Functional analysis of NKX3.1 in LNCaP prostate cancer cells by RNA interference. *INT J ONCOL*, 32(4): 877-87.
14. Rzymiski T, Grzmil P, Meinhardt A, Wolf S, Burfeind P (2008) PHF5A represents a bridge protein between splicing proteins and ATP-dependent helicases and is differentially expressed during mouse spermatogenesis. *CYTOGENET GENOME RES*, 121(3-4): 232-44.
15. Schubert S, Kamino K, Böhm D, Adham I, Engel W, Wasielewski R, Moharreggh-Khiabani D, Mauceri G, Vaske B, Meinhardt A, Schöner A, Gonzalez-Fassrainer D, Schmidtke J (2008) TSPY Expression Is Variably Altered in Transgenic Mice with Testicular Feminization. *BIOL REPROD*, 79(1): 125-33.
16. Shirmeshan K, Binder S, Böhm D, Wolf S, Sancken U, Meinhardt A, Schmid M, Engel W, Adham Ibrahim M (2008) Directed overexpression of insulin in Leydig cells causes a progressive loss of germ cells. *MOL CELL ENDOCRINOL*, 295(1-2): 79-86.
17. Shoukier M, Teske U, Weise A, Engel W, Argyriou L (2008) Characterization of five novel large deletions causing hereditary haemorrhagic telangiectasia. *CLIN GENET*, 73(4): 320-30.
18. Unger S, Böhm D, Kaiser FJ, Kaulfuss S, Borozdin W, Buiting K, Burfeind P, Böhm J, Barrionuevo F, Craig A, Borowski K, Keppler-Noreuil K, Schmitt-Mechelke T, Steiner B, Bartholdi D, Lemke J, Mortier G, Sandford R, Zabel B, Superti-Furga A, Kohlhase J (2008) Mutations in the cyclin family member FAM58A cause an X-linked dominant disorder characterized by syndactyly, telecanthus and anogenital and renal malformations. *NAT GENET*, 40(3): 287-9.
19. Zovoillis A, Nolte J, Drusenheimer N, Zechner U, Hada H, Guan K, Hasenfuss G, Nayernia K, Engel W (2008) Multipotent adult germline stem cells and embryonic stem cells have similar microRNA profiles. *MOL HUM REPROD*, 14(9): 521-9.

### Buchbeiträge

1. Zoll B (2008) Genetische Risiken durch Keimzellspende. In: Bockenmeier-Lucius G, Thorn P, Wendehorst C (Hg.) *Umweg zum eigenen Kind. Ethische und rechtliche Herausforderungen an die Reproduktionsmedizin 30 Jahre nach Louise Brown*. Universitätsverlag Göttingen / Universitätsdrucke, Göttingen, 123 - 131.

### Medizinische Dissertationen

1. Wellge B, Dr. med., Molekulare Charakterisierung des Hook1-Proteins in der Maus und im Menschen. Dissertation Universität Göttingen 2008.

### Naturwiss. u.a. nichtmed. Diss.

1. Held T, Dr. rer. nat., Zur strukturellen und funktionellen Analyse der murinen Gene. Dissertation Universität Göttingen 2008.
2. Nitzki F, Dr. rer. nat., Patched-assoziierte Tumoren: Modifikatorgene und Pathogenese. Dissertation Universität Göttingen 2008.
3. Nolte J, Dr. rer. nat., Zur Pluripotenz spermatogonialer Stammzellen. Dissertation Universität Göttingen 2008.

### Diplomarbeiten

1. Rauert H, Dipl.-Biol., Studien zur Funktion von Bax Inhibitor-1 und seinen putativen Interaktionspartnern in Karzinomzellen. Diplomarbeit Universität Göttingen 2008.
2. Wolter J, Dipl.-Biol., Studying the molecular function of spastin and its interacting partner: COPS5. Diplomarbeit Universität Göttingen 2008.

**Masterarbeiten**

1. Pergande M (2008) Spermatogoniale Stammzellen. Universität Göttingen, MA.