

Abteilung "Entwicklungsbiochemie"

Journalbeiträge

1. Chesneau A, Sachs LM, Chai N, Chen Y, Du Pasquier L, Loeber J, Pollet N, Reilly M, Weeks DL, Bronchain OJ (2008) Transgenesis procedures in *Xenopus*. *BIOL CELL*, 100(9): 503-21.
2. Fialka F, Gruber RM, Hitt R, Opitz L, Brunner E, Schliephake H, Kramer FJ (2008) CPA6, FMO2, LGI1, SIAT1 and TNC are differentially expressed in early- and late-stage oral squamous cell carcinoma - A pilot study. *ORAL ONCOL*, 44(10): 941-8.
3. Happel N, Doenecke D, Sekeri-Pataryas KE, Sourlingas TG (2008) H1 histone subtype constitution and phosphorylation state of the ageing cell system of human peripheral blood lymphocytes. *EXP GERONTOL*, 43(3): 184-99.
4. Kippert A, Trajkovic K, Fitzner D, Opitz L, Simons M (2008) Identification of Tmem10/Opalin as a novel marker for oligodendrocytes using gene expression profiling. *BMC NEUROSCI*, 9(1): 40.
5. Knabe W, Washausen S, Happel N, Kuhn HJ (2008) Diversity in mammalian chiasmatic architecture: ipsilateral axons are deflected at glial arches in the prechiasmatic optic nerve of the eutherian *Tupaia belangeri*. *J COMP NEUROL*, 508(3): 437-57.
6. Koestner U, Shnitsar I, Linnemannstöns K, Hufton Andrew L, Borchers A (2008) Semaphorin and neuropilin expression during early morphogenesis of *Xenopus laevis*. *DEV DYNAM*, 237(12): 3853-63.
7. McSharry BP, Burgert HG, Owen DP, Stanton RJ, Prod'homme V, Sester M, Koebernick K, Groh V, Spies T, Cox S, Little AM, Wang ECY, Tomasec P, Wilkinson GWG (2008) Adenovirus E3/19K promotes evasion of NK cell recognition by intracellular sequestration of the NKG2D ligands major histocompatibility complex class I chain-related proteins A and B. *J VIROL*, 82(9): 4585-94.
8. Meinicke P, Lingner T, Kaefer A, Feussner K, Göbel C, Feussner I, Karlovsky P, Morgenstern B (2008) Metabolite-based clustering and visualization of mass spectrometry data using one-dimensional self-organizing maps. *ALGORITHM MOL BIOL*, 3: 9.
9. Menz B, Sester M, Koebernick K, Schmid R, Burgert HG (2008) Structural analysis of the adenovirus type 2 E3/19K protein using mutagenesis and a panel of conformation-sensitive monoclonal antibodies. *MOL IMMUNOL*, 46(1): 16-26.
10. Schallus T, Jaeckh C, Fehér K, Palma AS, Liu Y, Simpson JC, Mackeen M, Stier G, Gibson TJ, Feizi T, Pieler T, Muhle-Goll C (2008) Malectin: a novel carbohydrate-binding protein of the endoplasmic reticulum and a candidate player in the early steps of protein N-glycosylation. *MOL BIOL CELL*, 19(8): 3404-14.
11. Shnitsar I, Borchers A (2008) PTK7 recruits dsh to regulate neural crest migration. *DEVELOPMENT*, 135(24): 4015-24.
12. Souopgui J, Rust B, Vanhomwegen J, Heasman J, Henningfeld KA, Bellefroid E, Pieler T (2008) The RNA-binding protein XSeb4R: a positive regulator of VegT mRNA stability and translation that is required for germ layer formation in *Xenopus*. *GENE DEV*, 22(17): 2347-52.
13. Warnebold J, Haller F, Horstmann O, Danner BC, Füzesi L, Doenecke D, Happel N (2008) Histone H1x is highly expressed in human neuroendocrine cells and tumours. *BMC CANCER*, 8: 388.

Naturwiss. u.a. nichtmed. Diss.

1. Arthur P, Dr. rer. nat., Identification and Functional Characterization of Trans-acting Factors Involved in Vegetal mRNA Localization in *Xenopus* Oocytes. Dissertation Georg-August-Universität Göttingen 2008.
2. Damianitsch K, Dr. rer. nat., Die Funktion des Wnt Antagonisten XsFRP5 während der frühembryonalen Musterbildung des Entoderms in *Xenopus laevis*. Dissertation Georg-August-Universität Göttingen 2008.
3. Jäckh C, Dr. rer. nat., Transcription factor networks directing pancreas development in *Xenopus laevis*. Dissertation Georg-August-Universität Göttingen 2008.
4. Löber J, Dr. rer. nat., Identifizierung und funktionelle Charakterisierung neuer RNA-Transportfaktoren in der *Xenopus laevis* Oozyte. Dissertation Georg-August-Universität Göttingen 2008.
5. Rust B, Dr. rer. nat., Target identification and molecular characterization of the RNA-binding protein XSeb4R in *Xenopus laevis*. Dissertation Georg-August-Universität Göttingen 2008.
6. Tarbashevich K, Dr. rer. nat., Molecular mechanisms of germ cell specification and migration in *Xenopus laevis*. Dissertation Georg-August-Universität Göttingen 2008.

Diplomarbeiten

1. Aeckerle N, Dipl.-Biol., SUMOylierung von H1-Histonen. Diplomarbeit Georg-August-Universität Göttingen 2008.
2. Hedderich M, Dipl.-Biol., Charakterisierung der proneuralen Aktivität von Ptf1a/p48 in *Xenopus*. Diplomarbeit Georg-August-Universität Göttingen 2008.
3. Koestner U, Dipl.-Biol., Semaphoring expression and functional analysis in *Xenopus laevis*. Diplomarbeit Georg-August-Universität Göttingen 2008.
4. Müller J, Dipl.-Biol., Identifizierung potentieller Retinsäure-Zielgene während der frühen Pankreasspezifizierung in *Xenopus laevis*. Diplomarbeit Georg-August-Universität Göttingen 2008.

Masterarbeiten

1. Podleschny M (2008) Functional analysis of *Xenopus* PTK7 in HEK 293 cells. Georg-August-Universität Göttingen, MA.