

Abteilung "Entwicklungsbiochemie"

Journalbeiträge

1. Afelik S, Chen Y, Pieler T (2006) Combined ectopic expression of Pdx1 and Ptf1a/p48 results in the stable conversion of posterior endoderm into endocrine and exocrine pancreatic tissue. *GENE DEV*, 20(11): 1441-6.
2. Cartry J, Nichane M, Ribes V, Colas A, Riou JF, Pieler T, Dollé P, Bellefroid EJ, Umbhauer M (2006) Retinoic acid signalling is required for specification of pronephric cell fate. *DEV BIOL*, 299(1): 35-51.
3. Dudas J, Elmaouhoub A, Mansuroglu T, Batusic D, Tron K, Saile B, Papoutsi M, Pieler T, Wilting J, Ramadori G (2006) Prospero-related homeobox 1 (Prox1) is a stable hepatocyte marker during liver development, injury and regeneration, and is absent from "oval cells". *HISTOCHEM CELL BIOL*, 126(5): 549-562.
4. Horvay K, Claußen M, Katzer M, Landgrebe J, Pieler T (2006) *Xenopus* Dead end mRNA is a localized maternal determinant that serves a conserved function in germ cell development. *DEV BIOL*, 291(1): 1-11.
5. Klisch TJ, Souopgui J, Juergens K, Rust B, Pieler T, Henningfeld KA (2006) Mxi1 is essential for neurogenesis in *Xenopus* and acts by bridging the pan-neural and proneural genes. *DEV BIOL*, 292(2): 470-85 Epub 2006 Feb 2.
6. Koebernick K, Kashef J, Pieler T, Wedlich D (2006) *Xenopus* Teashirt1 regulates posterior identity in brain and cranial neural crest. *DEV BIOL*, 298(1): 312-26.
7. Pan FC, Chen Y, Loeber J, Henningfeld K, Pieler T (2006) I-SceI meganuclease-mediated transgenesis in *Xenopus*. *DEV DYNAM*, 235(1): 247-52.
8. Pieler T, Chen Y (2006) Forgotten and novel aspects in pancreas development. *BIOL CELL*, 98(2): 79-88.
9. Sölter M, Locker M, Boy S, Taelman V, Bellefroid EJ, Perron M, Pieler T (2006) Characterization and function of the bHLH-O protein XHes2: insight into the mechanisms controlling retinal cell fate decision. *DEVELOPMENT*, 133(20): 4097-108.
10. Taelman V, Van Campenhout C, Sölter M, Pieler T, Bellefroid EJ (2006) The Notch-effector HRT1 gene plays a role in glomerular development and patterning of the *Xenopus* pronephros anlagen. *DEVELOPMENT*, 133(15): 2961-71.

Buchbeiträge

1. Hollemann T, Chen Y, Sölter M, Kühl M, Pieler T (2006) Embryonic explants from *Xenopus laevis* as an assay system to study differentiation of multipotent precursor cells. In: Celis, J.E. (Hg.) *Cell Biology: A Laboratory Handbook*. Academic Press, Elsevier Science, San Diego, 191-198.
2. Pieler T, Pan FC, Afelik S, Chen Y (2006) Molecular genetics of Liver and Pancreas Development. In: Unsicker K. and Kriegelstein, K. (Hg.) *Cell Signaling and Growth Factors in Development*. Wiley-VCH Verlag, England, 823-840.

Medizinische Dissertationen

1. Hitz M, Dr. med., Identifizierung neuer Gene mit einer herzspezifischen Expression während der embryonalen Entwicklung von *Xenopus laevis*. Dissertation Universität Göttingen 2006.

Naturwiss. u.a. nichtmed. Diss.

1. Klisch T, Dr. rer. nat., Transcriptional control in the context of primary neurogenesis. Dissertation Universität Göttingen 2006.
2. Pan FC, Dr. rer. nat., Regulation of Pancreas Development in *Xenopus laevis*. Dissertation Universität Göttingen 2006.
3. Soelter M, Dr. rer. nat., Regulation of neurogenesis by Hairy and Enhancer of split related proteins in *Xenopus laevis*. Dissertation Universität Göttingen 2006.