

# Prof. Dr. med. Heidi Hahn

Professor for Molecular Developmental Genetics

Institute of Human Genetics

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## Professional Appointments

- since 2001** Univ. Professor at the University Medical Center Göttingen, Germany
- 1999-2001** Junior research group leader (Biofuture 2000) at the Technical University of Munich / Helmholtz Centre Munich - German Research Centre for Environmental Health, Munich, Germany
- 1996-1998** Postdoc at the National Institute of Mental Health, Bethesda MD, USA
- 1994-1996** Postdoc at the National Cancer Institute, Frederick MD, USA
- 1994** Postdoc at the MSZ (Med. Strahlenkunde und Zellforschung), Faculty of Medicine Würzburg, Germany
- 1992-1993** Junior doctor (AiP) at the Institute of Virology, Faculty of Medicine Würzburg, Germany

## Education

- 2001** Habilitation; Technical University of Munich, Germany
- 1993** Dissertation; University of Würzburg, Germany
- 1993** Approbation; General Medical Council Bayern, Germany
- 1984-1991** Medical school / University of Würzburg / Germany; final exams 1991, MD Feb 1992

## Honors

- Nov. 2009** Siegfried-Stettendorf Preis 2009
- Nov. 1999** Biofuture 2000

## Key publications

Nitzki F; Cuvelier N; Dräger J; Schneider A; Braun T; Hahn H. Hedgehog/Patched-associated rhabdomyosarcoma formation from Delta1-expressing mesodermal cells. *Oncogene* 2016 Jun 2;35(22):2923-31.

Pelczar P; Zibat Z; van Dop WA; Heijmans J; Bleckmann A; Gruber W; Nitzki F; Uhmman A; Guijarro MV; Hernando E; Dittmann K; Wienands J; Dressel R; Wojnowski L; Binder C; Taguchi T; Beissbarth T; Hogendoorn PCW; Antonescu CR; Rubin BP; Schulz-Schaeffer W; Aberger F; van den Brink GR; Hahn H. "Inactivation of patched1 in mice leads to development of gastrointestinal stromal-like tumors that express pdgfra but not kit." *Gastroenterology* 2013 Jan;144(1):134-144.e6.

Nitzki F; Zibat A; König S; Wijgerde M; Rosenberger A; Brembeck F; Carstens PO; Frommhold A; Uhmman A; Klingler S; Reifenberger J; Pukrop T; Aberger F; Schulz-Schaeffer W; Hahn H. "Tumor stroma-derived Wnt5a induces differentiation of basal cell carcinoma of Ptch mutant mice via CaMKII." *Cancer Research* 2010 Apr 1;70(7):2739-48.

Uhmman A; Dittmann K; Nitzki F; Dressel R; Koleva M; Frommhold A; Zibat A; Binder C; Adham I; Nitsche M; Heller T; Armstrong V; Schulz-Schaeffer W; Wienands J; Hahn H. "The Hedgehog receptor Patched controls lymphoid lineage commitment." *Blood*. 2007 Sep 15;110(6):1814-23. Epub 2007 May 29.

Hahn H; Wojnowski L; Zimmer AM; Hall J; Miller G; Zimmer A. "Rhabdomyosarcomas and radiation hypersensitivity in a mouse model for Gorlin syndrome." *Nature Medicine* 1998 May; 4(5): 619-622

Hahn H; Wicking C; Zaphiropoulos P; Gailani M; Shanley S; Chidambaram A; Vorechovsky I; Holmberg E; Unden A; Gillies S; Negus K; Smyth I; Pressman C; Leffell D; Gerrard B; Goldstein A; Wainright B; Toftgard R; Chenevix-Trench G; Dean M; Bale A. "Mutations of the human homologue of Drosophila patched in the nevoid basal cell carcinoma syndrome." *Cell* 1996 June14; 85(6): 841-51