

Prof. Dr. med. Heidi Hahn

Molecular Developmental Genetics

Institute of Human Genetics

University Medical Center Göttingen

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

- Bauer J. *et al.* Context-dependent modulation of ERMS aggressiveness by individual oncogenic RAS isoforms. *Oncogene* 2021 Aug;40(31):4955-4966.
- Becker M. *et al.* Wif1 suppresses the generation of suprabasal cells in acanthotic skin and growth of basal cell carcinomas upon forced overexpression. *J Invest Dermatol* 2020 Aug;140(8):1556-1565.
- Nitzki F. *et al.* "Hedgehog/Patched-associated rhabdomyosarcoma formation from Delta1-expressing mesodermal cells." *Oncogene* 2016 Jun 2;35(22):2923-31.
- Uhmman A. *et al.* "DMBA/TPA treatment is necessary for BCC formation from Patched deficient epidermal cells in Ptc1^{flx}/floxCD4Cre^{+/+} mice". *J Invest Dermatol*. 2014 Oct;134(10):2620-9
- Pelczar P. *et al.* "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. *et al.* "Tumor stroma-derived Wnt5a induces differentiation of basal cell carcinoma of Ptc mutant mice via CaMKII." *Cancer Research* 2010 Apr 1;70(7):2739-48.
- Uhmman A. *et al.* "The Hedgehog receptor Patched controls lymphoid lineage commitment." *Blood*. 2007 Sep 15;110(6):1814-23.
- Hahn H. *et al.* "Rhabdomyosarcomas and radiation hypersensitivity in a mouse model for Gorlin syndrome." *Nature Medicine* 1998 May; 4(5): 619-622
- Hahn H *et al.* "Mutations of the human homologue of Drosophila patched in the nevoid basal cell carcinoma syndrome." *Cell* 1996 June14; 85(6): 841-51