

## Curriculum Vitae Dr. Christine Hacker

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### Personal Data

Title	Dr. rer. nat.
First name	Christine
Name	Hacker
Current position	Science manager
ORCID	0000-0002-6545-0104

### Qualifications and Career

Degree programme	1990-1995, Chemistry, diploma, Technical University Berlin, Germany
Doctorate	1995-1999, Dr. rer. nat., Methyltransferase domain of Enniatinsynthetase, supervisor: PD Dr. R. Zocher, Institute of Biochemistry, Technical University Berlin, Germany
Further stages	2017-present, scientific coordinator RTG2344, Institute of Anatomy and Cell Biology, University of Freiburg, Germany 2013-2017, postdoctoral fellow, supervisor: Prof. Dr. T.Vogel, Institute of Anatomy and Cell Biology, University of Freiburg, Germany 2008-2010, postdoctoral fellow, supervisor: Prof. Dr. K. Michels, tumour center, University clinics Freiburg, Germany 2006-2008, postdoctoral fellow, supervisor: Prof. Dr. B. Munz, Institute of Physiology, Charité Berlin, Germany 2000-2003, postdoctoral fellow, supervisor: Prof. Dr. M. Zenke, Max Delbrück Center, Berlin, Germany

### Supplementary Career Information

3 children, \*2003, 2005, 2011  
04/2003- 08/2006 and 03/2011-03/2013 Maternal leave  
2013-2017 part time work 50%

### Engagement in the Research System

Supervision of Diploma and PhD students, Review for Cell Tissue Res, Science communication: represented my research groups on several fairs for public science communication

### Scientific Results

Akol I, Izzo A, Gather F, Strack S, **Heidrich S**, Ó hAilín D, Villarreal A, Hacker C, Rauleac T, Bella C, Fischer A, Manke T, Vogel T (2023) Multimodal epigenetic changes and altered NEUROD1 chromatin binding in the mouse hippocampus underlie FOXP1 syndrome. Proc Natl Acad Sci U S A. 120(2):e2122467120. doi: 10.1073/pnas.2122467120.

Roidl D, **Hacker C** (2014) Histone methylation during neural development. Cell Tissue Res. 356(3):539-52. doi: 10.1007/s00441-014-1842-8.

**Hacker C**, Valchanova R, Adams S, Munz B (2010) ZFP36L1 is regulated by growth factors and cytokines in keratinocytes and influences their VEGF production. *Growth Factors*. 28(3):178-90. doi: 10.3109/08977190903578660.

Gamper I, Koh KR, Ruau D, Ullrich K, Bartunkova J, Piroth D, **Hacker C**, Bartunek P, Zenke M (2009) GAR22: a novel target gene of thyroid hormone receptor causes growth inhibition in human erythroid cells. *Exp Hematol*. 37(5):539-548.e4. doi: 10.1016/j.exphem.2009.02.002.

Ruau D, Ensenat-Waser R, Dinger TC, Vallabhapurapu DS, Rolletschek A, **Hacker C**, Hieronymus T, Wobus AM, Müller AM, Zenke M (2008) Pluripotency associated genes are reactivated by chromatin-modifying agents in neurosphere cells. *Stem Cells*. 26(4):920-6. doi: 10.1634/stemcells.2007-0649.

Busse M, Schwarzburger M, Berger F, **Hacker C**, Munz B (2008) Strong induction of the Tis11B gene in myogenic differentiation. *Eur J Cell Biol*. 87(1):31-8. doi: 10.1016/j.ejcb.2007.07.005.

Prechtel AT, Turza NM, Kobelt DJ, Eisemann JI, Coffin RS, McGrath Y, **Hacker C**, Ju X, Zenke M, Steinkasserer A (2005) Infection of mature dendritic cells with herpes simplex virus type 1 dramatically reduces lymphoid chemokine-mediated migration. *J Gen Virol*. 86(Pt 6):1645-1657. doi: 10.1099/vir.0.80852-0.

Ju XS, **Hacker C**, Scherer B, Redecke V, Berger T, Schuler G, Wagner H, Lipford GB, Zenke M (2004) Immunoglobulin-like transcripts ILT2, ILT3 and ILT7 are expressed by human dendritic cells and down-regulated following activation. *Gene*. 28;331:159-64. doi: 10.1016/j.gene.2004.02.018.

**Hacker C\***, Kirsch RD\*, Ju XS, Hieronymus T, Gust TC, Kuhl C, Jorgas T, Kurz SM, Rose-John S, Yokota Y, Zenke M (2003) Transcriptional profiling identifies Id2 function in dendritic cell development. *Nat Immunol*. 4(4):380-6. doi: 10.1038/ni903. \*equal contribution

Hinz M, Lemke P, Anagnostopoulos I, **Hacker C**, Krappmann D, Mathas S, Dörken B, Zenke M, Stein H, Scheidereit C (2002) Nuclear factor kappaB-dependent gene expression profiling of Hodgkin's disease tumor cells, pathogenetic significance, and link to constitutive signal transducer and activator of transcription 5a activity. *J Exp Med*. 196(5):605-17. doi: 10.1084/jem.20020062.

Koritschoner NP, Alvarez-Dolado M, Kurz SM, Heikenwälder MF, **Hacker C**, Vogel F, Muñoz A, Zenke M (2001) Thyroid hormone regulates the obesity gene tub. *EMBO Rep*. 2(6):499-504. doi: 10.1093/embo-reports/kve107.

**Hacker C**, Glinski M, Hornbogen T, Doller A, Zocher R (2000) Mutational analysis of the N-methyltransferase domain of the multifunctional enzyme enniatin synthetase. *J Biol Chem*. 275(40):30826-32. doi: 10.1074/jbc.M002614200.

Zocher R, Weckwerth W, **Hacker C**, Kammer B, Hornbogen T, Ewald D (1996) Biosynthesis of taxol: enzymatic acetylation of 10-deacetylbaaccatin-III to baaccatin-III in crude extracts from roots of *Taxus baaccata*. *Biochem Biophys Res Commun*. 229(1):16-20. doi: 10.1006/bbrc.1996.1751.