

PD Dr. Beate Niesler



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CURRICULUM VITAE

- Since 2011 *Head of the Core Facility nCounter nanostring* at the Institute of Human Genetics
(CellNetworks Heidelberg)
- December 2010 *Venia legendi* in Human Molecular Genetics at the Medical Faculty of the
University of Heidelberg
- Sep-Dec 2005 Research Fellow in the Laboratory of Michael D. Gershon, Department of
Anatomy and Cell Biology, Columbia University P&S, New York, USA
- Since Oct 2004 Group leader at the Department of Human Molecular Genetics, University of
Heidelberg
- 1999-2004 Postdoctoral Fellow at the Institute of Human Genetics, University of Heidelberg
- 1995-1999 PhD student at the University of Heidelberg, Human Genetics
- 1988-1994 Study of Biology at the University of Kaiserslautern

TEACHING AND ACADEMIC EXPERIENCE

- Since 2010 **Faculty Member** of *The Hartmut Hoffmann-Berling International Graduate School of
Molecular and Cellular Biology (HBIGS)* of the University of Heidelberg
- Since Oct 2008 *University didactic certificate* (Hochschuldidaktisches Zertifikat (**HDZ**))
- 2004- to date **Academic Assistant**
Advanced Seminar 'Human Molecular Genetics', Institute of Human Genetics,
University of Heidelberg
- 2002- to date **Teaching Assistant**
Practical Course for Students of Biology in Human Molecular Genetics, Institute of
Human Genetics, University of Heidelberg
- 1999- to date **Teaching Assistant**
Practical Course for Medical Students in Human Genetics,
Institute of Human Genetics, University of Heidelberg

HONORS AND AWARDS

2005 HFSP Short Term Fellowship
2010 DGVS Research Award 2010 of the German Neurogastroenterology Foundation

COORDINATING FUNCTIONS

Since 2009 Member of the International *Union of Basic and Clinical Pharmacology* (IUPHAR) 5-HT₃ receptor committee

Since 2010 Coordinator of the German Irritable Bowel Syndrome Network (IBS-Net)

Since 2011 Co-Chair of the *Working Group Neurogastroenterology* of the German Society for *German Society for Digestive and Metabolic Diseases* (DGVS)

Since 2011 Initiator and coordinator of the COST Action GENIEUR (Genes in Irritable Bowel Syndrome Europe)

Since 2011 German Representative of the *German Society of Neurogastroenterology and Motility* in the Steering Committee of the *European Society of Neurogastroenterology and Motility*

Since 2012 ESNM representative in the Journal Management Committee of the Journal *Neurogastroenterology & Motility*

FIELDS OF INTEREST

Association analysis, case control studies, mutational analysis, genotyping, psychiatric and neurogastroenterologic disorders, phytotherapy, serotonin system, serotonin receptors, molecular and functional characterisation of serotonin receptor variants, mutation databases (Establishment of *SHOX* Mutation Database: <http://www.shox.uni-hd.de/> (Niesler et al., 2002; Niesler et al., 2007) and Serotonin Receptor 3 Allelic Variant Database <http://www.htr3.uni-hd.de/>), molecular pathology, microscopy, biobanking

FUNDING

Junior Grants of the Medical Faculty of the University Heidelberg, National Genome Research Net BMBF NGFN-2, HFSP Fellowship, German Cancer Aid, Dr. Karl and Gerhard Schiller and Udo Kahran Foundation, Doktor Robert-Pfleger Foundation, German Research Foundation, European Science Foundation

ACADEMIC MEMBERSHIPS

German Society for Human Genetics *GfH*, Association of German Biological Sciences *VDBio*, Consortium Gene Diagnostics *AGD*, Serotonin Club, Society for Neuroscience *SfN*, German Society for Neurogastroenterology and Motility *DGNM*, German Society for Digestive and Metabolic Disorders *DGVS*, European Society for Neurogastroenterology and Motility *ESNM*, Deutscher Hochschulverband *DHV*

REVIEWER FOR

American Journal of Medical Genetics-*Neurogenetics*, BMC Medical Genetics, Cell&Tissue Research, Current Molecular Medicine, Digestive Diseases and Sciences, Dove Medical Press, Gastroenterology, Gut, Human Mutation, Human Genetics, Neurogastroenterology and Motility, Neuropharmacology, Neuropsychobiology, Neuropsychopharmacology, Pharmaceuticals, Pharmacogenetics and Genomics, Progress in Neuropsychopharmacology and Biological Psychiatry, Trends in Pharmacological Sciences (TIPS), Psychiatric Genetics, The international Journal of Biochemistry & Cell Biology

LANGUAGES

German, English, Latin, Greek, French, Norwegian