

Curriculum Vitae

General information and current position

Name:	Michael Orth, Department of Neurology, Ulm University
Date of birth:	19.07.1965
Since 2008	Science manager of the European Huntington's Disease Network, based at the University of Ulm
Since 2008	Consultant Neurologist and lead clinician Huntington's disease and Gilles de la Tourette Syndrome specialist interest clinic, Ulm University
Since 2010	Founding member, Latin American Huntington's Disease Network
Since 2003	PI and investigator in several clinical trials in Parkinson's disease, depression and Huntington's disease.

Academic education with degree

04/1994	Staatsexamen Medizin Universität Hamburg
01/1996	Approbation
2003	Specialist accreditation, neurology
1998	M.D., Universität Bonn
2004	Ph.D. in Molecular Genetics, University College London, UK.
2007	Associate professor, Universität Hamburg
2011	Associate professor, Universität Ulm
2013	Professor of Neurology, Universität Ulm

Professional career

2005-2008	Consultant neurologist at the Department of Neurology, University Hospital Eppendorf Medical Centre, Hamburg, Germany. Research focus: Cortical excitability, sensory-motor integration and its association with clinical signs in Huntington's disease and Gilles de la Tourette syndrome
2001-2005	Visiting research neurologist at the Sobell Department of Motor Neuroscience and Movement Disorders and Institute of Neurology, Queen Square, London, UK. Research focus: cortical excitability and plasticity in Gilles de la Tourette syndrome and Huntington's disease. Advisor: Professor JC Rothwell.
1/2003-3/2005	Honorary Consultant Neurologist, Multidisciplinary Huntington's Disease Clinic, and Tourette syndrome clinic, The National Hospital for Neurology and Neurosurgery, Queen Square, London, UK
1999-2002	PhD thesis. Molecular study of cell models of Parkinson's disease and Huntington's disease. Supervisors: Professor AH Schapira, Dr M Cooper, Department of Clinical Neurosciences, University College London and Royal Free Hospital, London, UK.
1995-96	MD thesis. Expression of cytoskeletal and extracellular matrix proteins in vacuolar myopathies. Supervisor: Professor Riess, University of Bonn, Germany
1994-1998	Residency neurology, Allgemeines Krankenhaus St. Georg, Hamburg, with Professor P. Vogel.
1987-1994	Medical school in Berlin, Hamburg, London, UK, and Durham, N.C.

Other

6-8/92	Travel grant for elective period in Toronto, Canada, from the Deutscher Akademischer Austauschdienst (German academic exchange organization)
5/99 –11/00	Research Fellow, Deutsche Forschungsgemeinschaft
4/01-4/02	Project grant, American Tourette Syndrome Association
2006-2008	Deutsche Forschungsgemeinschaft (DFG) (MU1692/2-1), co-applicant. Multimodal investigation of neuronal circuits involved in execution and inhibition of self determined and externally guided movements in Tourette syndrome. Amount funded: €100.000.

Seit 2011	PREDICT-HD. PI Studienzentrum Ulm, about €30.000 pro Jahr
Seit 2011	REGISTRY. PI Studienzentrum Ulm, about €50.000 pro Jahr
2010	European Huntington's Disease Network seed fund. Co-applicant. Amount funded: €50.000.
2012-2015	TRACK-ON HD, study PI Prof Sarah Tabrizi. Principle Investigator for Transcranial magnetic stimulation part. Multi-site study (sites London, Leiden, Paris, Vancouver). Funded by CHDI Foundation, Inc.. Funding: ~€250.000 for 3 years.
2012-2018	Partner (representing Ulm University and EHDN) in RD-CONNECT, FP7-HEALTH-2012-INNOVATION-1. Funding €90.000
2013-2015	Multiple tissue molecular signatures in HD (MTM-HD). The project examines peripheral tissues from <i>HTT</i> CAG expansion mutation carriers (gene carriers) and patients with early HD. Joint project with Prof Sarah Tabrizi at UCL in London, UK. ~€600K for the Ulm site.
Languages	Fluent in German, English and Spanish. Intermediate Catalan, basic French

Selected most recent publications

1. Sprengelmeyer R*, Orth M*, Müller HP, Wolf RC, Grön G, Depping MS, Kassubek J, Justo D, Rees EM, Haider S, Cole JH, Hobbs NZ, Roos RA, Dürr A, Tabrizi SJ, Süssmuth SD, Landwehrmeyer GB. The neuroanatomy of subthreshold depressive symptoms in Huntington's disease: a combined diffusion tensor imaging (DTI) and voxel-based morphometry (VBM) study. *Psychol Med.* 2013 Oct 7:1-12. *equal first authors
2. Wolf RC, Thomann PA, Thomann AK, Vasic N, Wolf ND, Landwehrmeyer GB, Orth M. Brain Structure in Preclinical Huntington's Disease: A Multi-Method Approach. *Neurodegener Dis.* 2013;12(1):13-22.
3. Wolf RC, Sambataro F, Vasic N, Wolf ND, Thomann PA, Saft C, Landwehrmeyer GB, Orth M. Default-mode network changes in preclinical Huntington's disease. *Exp Neurol.* 2012 Sep;237(1):191-8.
4. Wolf RC, Grön G, Sambataro F, Vasic N, Wolf ND, Thomann PA, Saft C, Landwehrmeyer GB, Orth M. Brain activation and functional connectivity in premanifest Huntington's disease during states of intrinsic and phasic alertness. *Hum Brain Mapp.* 2012 Sep;33(9):2161-73.
5. Schippling S, Schneider SA, Bhatia KP, Münchau A, Rothwell JC, Tabrizi SJ, Orth M. Abnormal motor cortex excitability in preclinical and very early Huntington's disease. *Biol Psychiatry.* 2009 Jun 1;65(11):959-65.