

## TRAINING

1985	Klaus-Groth-Schule Neumünster (A-level-Exam)
1985-1987	Civil Service, Ev. Krankenhaus Alsterdorf, Hamburg
1987-1993	Study of Medicine at the Freie Universität Berlin and the University of Hamburg
1994-1998	Training in Clinical Neurology in the Dept. of Neurology of St. Georg Hospital, Hamburg
1998-2001	Research Fellow at the National Hospital for Neurology and Neurosurgery and the Institute of Neurology, Queen Square, London, UK
2001-2003	Registrar in the Neurology Dept. of the University Medical Centre Hamburg-Eppendorf; head of the Movement Disorder Research Group
2003-2013	Consultant Neurologist in the Neurology Dept. of the University Medical Centre Hamburg-Eppendorf; head of the Movement Disorder Research Group
2006-2013	Deputy Head of the Neurology Dept. of the University Medical Centre Hamburg-Eppendorf
2013-2020	Head of the Dept. of Paediatric and Adult Movement Disorders and Neuropsychiatry, Institute of Neurogenetics, University of Lübeck
Since 2013	Speaker of the Lübeck Center for Rare Diseases
Since 2020	Director of the Institute of Systems Motor Science, University of Lübeck

## CLINICAL QUALIFICATION

- Consultant Neurologist
- Special neurological intensive care medicine
- EMG, EEG, evoked potential certificate, trainer and examiner of the German Society for Clinical Neurophysiology (DGKN)

## MEMBERSHIP / SOCIETIES

- German Neurological Society (DGN)
- Society of Neuroscience
- International Federation of Clinical Neurophysiology
- International Movement Disorder Society
- Tourette Society Germany
- Botulinumtoxin Society
- N.E.MO. e.V.

## ACADAMIC QUALIFICATIONS

### Medical thesis

1995 "Comparison of xanthogranuloma and xanthoma of the choroid plexus in humans and rabbits using histological and immun-histochemical methods", under supervision of Prof. Stavrou and Dr. Laas, Department of Neuropathology, University of Hamburg

### Habilitation

2003 „Clinical, genetic and electrophysiological investigations of cervical dystonia“, Medical Faculty of the University of Hamburg

## ACADAMIC ACTIVITIES

- Speaker of the Lübeck Center for Rare Diseases (since 2013)
- Founding member and executive committee of the German Academy for Rare Neurological Diseases (DASNE)
- Chairman of the Habilitation Committee of the University of Lübeck (since 2015)
- Member of the scientific advisory board of the Alliance for Chronic Rare Diseases (ACHSE)
- Member of the scientific advisory board of the German Tourette Society (since 2006)
- Chairman of the N.E.MO. e.V. association (since 2007)
- Art-performance group „Agency for surplus“ (since 2010)

### REVIEWER FOR JOURNALS (SELECTION)

Ann Neurol, Brain, Cereb Cortex, Cogn Neurosci, Cortex, Curr Biol, Clin Neurophysiol, Eur J Neurol, JAMA, J Neurol Neurosurg & Psychiatry, J Neurophysiol, Lancet Neurol, Lancet Psych, Neurology, Mov Disord

### REVIEWER FOR SCIENTIFIC ORGANIZATIONS / PUBLIC INSTITUTIONS

Deutsche Forschungsgemeinschaft (DFG), Studienstiftung des Deutschen Volkes, Bundesministerium für Bildung und Forschung (BMBF), Universität zu Lübeck, Hertie-Institut für Hirnforschung, Universität Göttingen, Hebrew University of Jerusalem, University of Copenhagen

### FIVE MOST RELEVANT PUBLICATIONS

Münchau A, Bloem BR, Irlbacher K, Trimble MR, Rothwell JC (2002) Functional connectivity of human premotor and motor cortex explored with repetitive transcranial magnetic stimulation. *J Neurosci* 22:554-61.

Bäumer T, Lange R, Liepert J, Weiller C, Siebner H, Rothwell JC, Münchau A (2003) Repeated premotor rTMS leads to cumulative plastic changes of motor cortex excitability in humans. *NeuroImage* 20:550-60.

Thomalla G, Siebner HR, Jonas M, Bäumer T, Biermann-Ruben K, Hummel F, Gerloff C, Müller-Vahl K, Schnitzler A, Orth M, Münchau A (2009) Structural changes in the somatosensory system correlates with tic severity in Gilles de la Tourette syndrome. *Brain* 132:765-777.

Thomalla G, Jonas M, Bäumer T, Siebner HR, Biermann-Ruben K, Ganos C, Orth M, Hummel FC, Gerloff C, Müller-Vahl K, Schnitzler A, Münchau A (2014) Cost of control – decreased motor cortex engagement during a Go/NoGo task in Tourette syndrome. *Brain* 137:122-136.

Kleimaker A, Takacs A, Conte G, Onken R, Verrel J, Bäumer T, Münchau A, Beste C (in press). Increased perception-action binding in Tourette syndrome. *Brain*