

Curriculum vitae

Personal data

Name: Anne Weissbach
Date of birth: 01.05.1984

School and University Education

1990 till 1994	Primary School
1994 till 2003	Goethe-Gymnasium Schwerin (A-level Exam)
2003 till 2009	Medical studies at the Universität of Lübeck (M.D)
2010 till 2016	Resident in Neurology at the Department of Neurology, University Clinic Schleswig-Holstein, Campus Lübeck
2018	Board-Certification in Neurology

Scientific Career

2007 till 2009	Medical thesis at the Institute of Neurogenetic, University of Lübeck
2010 till 2016	Three research rotations (in total 37 month of protected research time) in the Systems Neuroscience Section at the Institute of Neurogenetics, University of Lübeck
2016 till 2017	Research fellowship at the Movement Disorders Clinic and the Krembil Research Institute, University of Toronto, Canada
2018 till 2020	Edmond J. Safra Fellow in Movement Disorders of the Michael J. Fox Foundation
2020	Habilitation and venia legend in Neurology at the University of Lübeck
since 2020	Clinician-scientist and research group leader at the Institute of Systems Motor Science, University of Lübeck, Germany

Scientific honors

David Marsden Award of the European Dystonia Society, Dystonia Europe (2019)
Renate Maaß Research Award of the University of Lübeck (2019)
Oppenheim Award of the German Research Foundation (2020)

Further academic activities

Reviewer for Journals:

Archives of Neurology, Movement Disorders, Neuroimage, Molecular Neurobiology, Tremor and other Hyperkinetic Movements

Ten most important publications

Weissbach A, Steinmeier A, Pauly MG, Al-Shorafat DM, Saranza G, Lang AE, Brüggemann N, Tadic V, Klein C, Lohmann K, Brown MJN, Beste C, Münchau A, Bäumer T. Multimodal longitudinal neurophysiological investigations in Dopa-responsive dystonia. *Mov Disord* 2021;doi: 10.1002/mds.28679.

Pauly MG, Steinmeier A, Bolte C, Hamami F, Tzvi E, Münchau A, Bäumer T, **Weissbach A**. Cerebellar rTMS and PAS effectively induce cerebellar plasticity. *Sci Rep* 2021;11:3070.

Kleimaker M, Kleimaker A, **Weissbach A**, et al. Non-invasive brain stimulation for the treatment of Gilles de la Tourette syndrome. *Front Neurol* 2020;11:592258.

Weissbach A, Udupa K, Ni Z et al. Single-pulse subthalamic deep brain stimulation reduces premotor-motor facilitation in Parkinson's disease. *Parkinsonism Relat Disord* 2019;66:224-227.

Brown MJN*, **Weissbach A***, Pauly MG, et al. Somatosensory-motor cortex interactions measured using dual-site transcranial magnetic stimulation. *Brain Stimul* 2019;12:1229-1243.

(*= shared first authorship)

Weissbach A, Werner E, Timmann D, et al. Alcohol improves cerebellar-learning deficit in myoclonus-dystonia - a clinical and electrophysiological investigation, *Ann Neurol* 2017;82:543-553.

Weissbach A, Bäumer T, Pramstaller P, et al. Abnormal premotor-motor interaction in heterozygous Parkin- and Pink1 mutation carriers. *Clin Neurophysiol* 2016;128:275-280.

Weissbach A, Bäumer T, Brüggemann N, et al. Premotor–motor excitability is altered in Dopa-responsive dystonia; *Mov Disord* 2015;30:1705-9.

Weissbach A, Bäumer T, Rosales R et al. Neurophysiological fingerprints of X-linked dystonia-parkinsonism – a model basal ganglia disease; *Mov Disord* 2015;30:873-5.

Weissbach A, Klein C. Hereditary dystonia and parkinsonism: two sides of the same coin? *Brain* 2014;137:2402-4.
