

Curriculum Vitae

Name	Michael Strupp
Title, position	Professor of Neurology, MD, hon. doctorate, FANA, FEAN
Faculty	Medical Faculty of the LMU
Institution	Department of Neurology
Address	Department of Neurology, University Hospital of Munich, Campus Großhadern, Munich
Family status	Married - to a psychoanalyst, four children
Academic career	<ul style="list-style-type: none"> - 1988 Resident at the Dept. of Neurology, Bern, CH - 1989-1991 Research Assistant in Neurophysiology, LMU: Patch-clamp recordings with axons, muscle cells, glial cells, and vestibular hair cells - 1992-1998 Resident at the Dept. of Neurology, LMU - 1993 Université de Montpellier and Baylor College, Houston (Patch-clamp recordings with mammalian vestibular hair cells) - 1998 Certified neurologist with full-time position at the LMU - 1998 Habilitation: "Rehabilitation and somatosensory substitution in acute vestibular neuritis"; member and lecturer of the Medical Faculty, LMU - 1999 Three months in neurosurgery and neurosurgical critical care medicine - > 2/2003 Professor of Neurology and Clinical Neurophysiology
Education	<ul style="list-style-type: none"> - 1981- 1988 Study of medicine at the TU Aachen - 1985 Elective term at the University of Rochester, N.Y. - 1988 Final medical examination, licensed physician - 1992 Certificate of the Educational Commission for Foreign Medical Graduates (ECFMG), U.S.A. - 1982-1988 Dept. of Physiology, TU Aachen: Capillary permeability of the rat heart. Thesis (magna cum laude, 1989, M.D.)
Research interests	<ul style="list-style-type: none"> - Immunological mechanisms of bilateral vestibulopathy and Cogan's syndrome and the viral pathogenesis of vestibular neuritis - Vestibular compensation: effects of vestibular exercises and somatosensory substitution - Interaction between the vestibular system and spatial memory - High-resolution MRI studies on vestibular neuritis, diffusion-weighted MRI studies on transient global amnesia, fMRI and PET studies on locomotion - Prevention of post-lumbar puncture headache - Interaction between the vestibular, ocular motor, and sensorimotor systems during walking and running - Treatment of vestibular, ocular motor, cerebellar and gait disorders
Research activities	<ul style="list-style-type: none"> - Clinical trials: pharmacotherapy of vestibular, ocular motor and cerebellar disorders - Otolith function in peripheral and central vestibular and cerebellar disorders; studies with vestibular-evoked myogenic potentials - Evaluation of the central ocular motor and vestibular system in neurodegenerative disorders (e.g. Niemann-Pick Type C) - Imaging in Menière's disease - Animal model on central compensation to evaluate the mode of actions of aminopyridine, acetyl-DL-leucine, betahistine

Grants and honours	<ul style="list-style-type: none"> - 1999 Award from the German Society of Physical Therapy and Rehabilitation - 2000 Award from the German Neurological Society - 2003 Robert-Wartenberg Lecture and Award; Visiting Professor at the University of Graz - 2004 Award for excellent teaching by the Munich Harvard Alliance - 2005 Hans-Jörg-Weitbrecht Award for Clinical Neuroscience; Visiting Professor at the University of Sheffield, UK; Grand Rounds at the University of Rochester, NY - 2006 Grand Rounds at Case Western University, Cleveland, OH; Vertigo Award for treatment studies on vestibular disorders - 2008 Invited lectures at the Korean Balance Society; Visiting Professor at the University of Prague - 2010 Award of the German Neurological Society, belonging to the five best teachers of the last five years of the Academy - 2012, 2013 and 2014 Best teaching session at the meetings of the German Neurological Society - 2013 Grand Rounds at the University of Cambridge and at the University of Oxford - 2013 Fellow of the American Neurological Association (FANA) - 2013 Election as a Member of the Assembly of the ENS/EAN - 2014 Honorable doctorate (Dr. h.c.) University of Yerevan - 2014 Award of the German Neurological Society, belonging to the five best teachers of the last five years of the Academy - 2015 Visiting Professorship at the University of Pretoria, ZA - 2015 German heredo-ataxia award - 2015 Visiting Professorship at the University of Hongkong - 2016 Hallpike-Nylén Prize of the Bárány Society
Editorships	<ul style="list-style-type: none"> - > 2010 Editor-in-chief of Frontiers in Neuro-otology - > 2012 Joint Chief Editor of the Journal of Neurology, Field Editor of <i>Faculty 1000</i> for Neuro-otology and Neuro-ophthalmology - > 2014 Member of the Editorial Board of Neurology
Important publications	<p>> 650 papers (<i>cumulative IF > 1900, h-index 55, i10-index 210</i>), five books</p> <p>Adrion C, Fischer CS, Wagner J, Gurkov R, Mansmann U, Strupp M (2016) Efficacy and safety of betahistine treatment in patients with Meniere's disease: primary results of a long term, multicentre, double blind, randomised, placebo controlled, dose defining trial (BEMED trial). <i>BMJ</i> 352:h6816</p> <p>Bremova T, Malinova V, Amraoui Y, Mengel E, Reinke J, Kolnikova M, Strupp M (2015) Acetyl-dl-leucine in Niemann-Pick type C: A case series. <i>Neurology</i> 85:1368-1375</p> <p>Claassen J, ... Strupp M (2013) A randomised double-blind, cross-over trial of 4-aminopyridine for downbeat nystagmus - effects on slowphase eye velocity, postural stability, locomotion and symptoms. <i>JNNP</i> 84:1392-1399</p> <p>Feil K, Claassen J, Bardins S, Teufel J, Krafczyk S, Schneider E, Schniepp R, Jahn K, Kalla R, Strupp M (2013) Effect of chlorzoxazone in patients with downbeat nystagmus: a pilot-trial. <i>Neurology</i> 81:1152-1158</p> <p>Hüfner K Barresi D, Glaser M, Linn J, Adrion C, Mansmann U, Brandt T Strupp M (2008) Vestibular paroxysmia - diagnostic features and medical treatment. <i>Neurology</i> 71:1006-1014</p> <p>Kalla R, Glasauer S, Büttner U, Brandt T, Strupp M (2007) 4-aminopyridine restores vertical and horizontal neural integrator function in downbeat nystagmus. <i>Brain</i> 130:2441-2451</p>

Lopez-Escamez JA, Carey J, Chung WH, Goebel JA, Magnusson M, Mandalà M, Newman-Toker DE, Strupp M, Suzuki M, Trabalzini F, Bisdorff A (2015) Diagnostic criteria for Menière's disease. *JVR*. 25:1-7

Maldonado Fernández M, Birdi JS, Irving GJ, Murrin L, Kivekäs I, Strupp M (2015) Pharmacological agents for the prevention of vestibular migraine. *Cochrane Database Syst Rev*. 6:CD010600

Strupp M, Fischer C, Hanss L, Bayer O (2014) The takeaway Frenzel goggles: A Fresnel-based device. *Neurology* 83:1241-1245

Strupp M, Kalla R, Claassen J, Adrion C, Mansmann U, Klopstock T, Freilinger T, Neugebauer H, Spiegel R, Dichgans M, Lehmann-Horn F, Jurkat-Rott K, Brandt T, Jen JC, Jahn K (2011) A randomized trial of 4-aminopyridine in EA2 and related familial episodic ataxias. *Neurology* 77:269-275

Strupp M, Lopez-Escamez JA, Kim JS, Straumann D, Jen JC, Carey J, Bisdorff A, Brandt T (2017) Vestibular paroxysmia: diagnostic criteria. *JVR*

Strupp M, von Stuckrad-Barre S, Brandt T, Tonn JC (2013) Compression of the eighth cranial nerve causes vestibular paroxysmia. *Neurology*, 80, e77

Strupp M, Zingler V, Arbusow V, Niklas D, Maag KP, Dieterich M, Bense S, Theil D, Jahn K, Brandt T (2004) Methylprednisolone, valacyclovir, or the combination for vestibular neuritis. *N Engl J Med* 351:354-361