

Curriculum Vitae

Univ.-Prof. prof. h.c. Dr. med. H. Wiendl

Ad Personam

Name	Prof. Prof. h.c. Heinz Wiendl, MD, * 07.05.1968, male
Nationality	German
Address	University Hospital Münster Department of Neurology Albert-Schweitzer-Campus 1, Building A1 48149 Münster Germany Phone: +49 (0) 251 83 46 810 E-Mail: heinz.wiendl@ukmuenster.de



Academic Education

1997	Approbation
1989-1996	Medicine, Universities of Erlangen, Basel, Duke

Scientific Degrees

2004	Habilitation treatise: „Immune regulatory role of the muscle: Implications for the immune pathogenesis of inflammatory myopathies“
1996	Conferring of a doctorate (MD)

Appointments

2013	Professor and Chair, Department of Neurology with Institute of Translational Neurology, University of Muenster, Germany
2010	Professor and Chair, Department of Inflammatory Diseases of the Nervous System and Neurooncology, University of Muenster, Germany
2005-2010	Professor of Neurology, Head of Clinical Research Group for Multiple Sclerosis and Neuroimmunology, Department of Neurology, University of Wuerzburg, Germany
2004	Head of a junior research group for neuroimmunology, Interdisciplinary Centre for Clinical Research in Tuebingen, Germany
2000-2004	Clinical and research fellow in the Hertie Institute for Brain Research, Department of Neurology, University of Tuebingen
1998-2000	Scholarship granted by the Deutsche Forschungsgemeinschaft (DFG) at the Max Planck-Institute for Neurobiology, department of neuroimmunology, Martinsried (<i>Prof. H. Wekerle, MD; Prof. R. Hohlfeld, MD</i>)
1997-1998	Research fellow at the Institute of Anatomy and Neuro-Anatomy II of the University of Erlangen-Nuremberg, Germany
1996-1997	Residency program at the Department of Neurology of the University of Erlangen-Nuremberg

Publications Neurology – examples from the last years

1. Gross CC*; Meyer C*, Bhatia U, Yshii L, Kleffner I, Bauer J, Tröscher AR, Schulte-Mecklenbeck A, Herich S, Schneider-Hohendorf T, Plate H, Kuhlmann T, Schwaninger M, Brück W, Pawlitzki M, Laplaud DA, Loussouarn D, Parratt J, Barnett M, Buckland ME, Hardy TA, Reddel SW, Ringelstein M, Dörr J, Wildemann B, Kraemer M, Lassmann H, Höftberger R, Beltrán E, Dornmair K, Schwab N, Klotz L, Meuth SG, Martin-Blondel G, **Wiendl H***, **Liblau R.*** CD8+ T cell-mediated endotheliopathy is a targetable mechanism of neuro-inflammation in Susac syndrome. *Nature Communications* 10(1):5779.
2. Klotz L*, Eschborn M*, Lindner M*, Liebmann M, Herold M, Janoschka C, Torres Garrido B, Schulte-Mecklenbeck A, Gross CC, Breuer J, Hundehege P, Posevitz V, Pignolet B, Nebel G, Glander S, Freise N, Austermann J, Wirth T, Campbell GR, Schneider-Hohendorf T, Eveslage M, Brassat D, Schwab N, Loser K, Roth J, Busch KB, Stoll M, Mahad DJ, Meuth SG, Turner T, Bar-Or A, **Wiendl H**. Teriflunomide treatment for multiple sclerosis modulates T cell mitochondrial respiration with affinity-dependent effects. *Sci Transl Med* 11(490). pii: eaao5563.
3. Schneider-Hohendorf T, Görlich D, Savola P, Kelkka T, Mustjoki S, Gross CC, Owens GC, Klotz L, Dornmair K, **Wiendl H**, Schwab N. Sex bias in MHC I-associated shaping of the adaptive immune system. *Proc Natl Acad Sci U S A*. 2018;115(9):2168-2173.
4. Gerwien H*, Hermann S, Zhang X, Korpos E, Song J, Kopka K, Faust A, Wenning C, Gross CC, Honold L, Melzer M, Opdenakker G, **Wiendl H**, Schäfers M*, Sorokin L.* Imaging Matrix Metalloproteinase Activity in Multiple Sclerosis as a Specific Marker of Leukocyte Penetration of the Blood-Brain Barrier. *Sci Transl Med* 2016;8(364):364ra152.
5. Klotz L, Kuzmanov I, Hucke S, Gross CC, Posevitz V, Dreykluft A, Schulte-Mecklenbeck A, Janoschka C, Lindner M, Herold M, Schwab N, Ludwig-Portugall I, Kurts C, Meuth SG, Kuhlmann T, **Wiendl H**. B7-H1 shapes T-cell-mediated brain endothelial cell dysfunction and regional encephalitogenicity in spontaneous CNS autoimmunity. *Proc Natl Acad Sci U S A*. 2016;113(41):E6182-E6191.
6. Gross CC, Schulte-Mecklenbeck A, Rünzi A, Kuhlmann T, Posevitz-Fejfár A, Schwab N, Schneider-Hohendorf T, Herich S, Held K, Konjević M, Hartwig M, Dornmair K, Hohlfeld R, Ziemssen T, Klotz L, Meuth SG, **Wiendl H**. Impaired NK-mediated regulation of T-cell activity in multiple sclerosis is reconstituted by IL-2 receptor modulation. *Proc Natl Acad Sci U S A*. 2016;113(21):E2973-82.
7. Kappos L, **Wiendl H**, Selmaj K, Arnold DL, Havrdova E, Boyko A, Kaufman M, Rose J, Greenberg S, Sweetser M, Riester K, O'Neill G, Elkins J. Daclizumab HYP versus Interferon Beta-1a in Relapsing Multiple Sclerosis. *N Engl J Med*. 2015;373(15):1418-28.
8. Schneider-Hohendorf T, Rossaint J, Mohan H, Böning D, Breuer J, Kuhlmann T, Gross CC, Flanagan K, Sorokin L, Vestweber D, Zarbock A, Schwab N, **Wiendl H**. VLA-4 blockade promotes differential routes into human CNS involving PSGL-1 rolling of T cells and MCAM-adhesion of T(H)17 cells. *J Exp Med*. 2014;211:1833-46
9. Breuer J, Schwab N, Schneider-Hohendorf T, Marziniak M, Mohan H, Bhatia U, Gross CC, Clausen BE, Weishaupt C, Luger TA, Meuth SG, Loser K, **Wiendl H**. Ultraviolet B light attenuates the systemic immune response in central nervous system autoimmunity. *Ann Neurol*. 2014;75:739-58
10. Bittner S*, Ruck T*, Schuhmann MK, Herrmann AM, Maati HMO, Bobak N, Göbel K, Langhauser F, Stegner D, Ehling P, Borsotto M, Pape H, Nieswandt B, Kleinschnitz C, Heurteaux C, Galla H, Budde T, **Wiendl H***, Meuth SG*. Endothelial TWIK-related potassium channel-1 (TREK 1) regulates immune-cell trafficking into the CNS. *Nat Med*. 2013;19:1161-5 *equal contribution
11. Schwab N, Schneider-Hohendorf T, Posevitz V, Breuer J, Göbel K, Windhagen S, Brochet B, Vermersch P, Lebrun-Frenay C, Posevitz-Feifar A, Capra R, Imberti L, Straeten V, Haas J, Wildemann B, Havla J, Kämpfel T, Meinl I, Niessen K, Götz S, Kleinschnitz C, Warnke C, Buck D, Gold R, Kieseier BC, Meuth SG, Foley J, Chan A, Brassat D, **Wiendl H**. L-selectin is a possible biomarker for individual PML risk in natalizumab-treated MS patients. *Neurology*. 2013;81:865-71

Since 1998

more than 500 peer reviewed publications
[\(<http://www.ncbi.nlm.nih.gov/pubmed/?term=Wiendl+H>\)](http://www.ncbi.nlm.nih.gov/pubmed/?term=Wiendl+H), e.g. *Nature Medicine*, *Journal of Experimental Medicine*, *Blood*, *Annals of Neurology*, *BRAIN*, *Neurology*, *Nature Neuroscience*, *Immunity*, 3 books (editor), several book chapters
 H index = 58, approx. 1,500 citations/year

*equal senior authorship+correspondence

Awards

2015	Sobek award for MS research of the German Society for Multiple Sclerosis (DMSG)
2009	Heinrich Pette award of the German Society for Neurology (DGN)
2004	Sobek award for MS research (young scientists' award) of the DMSG
2003	Felix-Jerusalem award of the German Society for Muscular Diseases (DGM)

Special recognitions

2019	Spokesperson of the Body and Brain Institute funded by the German Ministry of Education and Research
2019	Fellowship of the European Academy of Neurology (EAN)
2019	Fellowship of the American Academy of Neurology (AAN)
2019-	Spokesperson, National German Competence Network of Multiple sclerosis
2017-	Honorary Professor of the Sydney Medical School
2016-	Member of the International Society of Neurosciences' (ISNI) International Advisory Board
2016-	Member of the Expert's Committee on Neurosciences of the German Research Foundation (DFG)
2016-	Member of the ISNI
2016-	Representative of the Academia in the Board of directors of the University Hospital Muenster (UKM)
2016-	Expert Committee for cellular neurosciences at the DFG
2015-	Member of the commission „Perspectives in neurology“ of the DGN
2013-	Editorial board member Neurotherapeutics
2013-	Executive Board Member, Felgenhauer Foundation for young Neuroscientists
2013-	Executive Board Member and Chair Foundation for Neuromedicine, Muenster
2013-	Editorial board member PLoS ONE
2013-2016	Dean for Research and Young Scientists of the medical faculty Muenster
2012-	Co-Spokesperson TR-CRC 128 "Multiple Sclerosis" (Rhine-Main, Muenster, Munich) (funded by the DFG) (re-evaluated 03/2016)
2012-	Principal investigator and steering committee member of the cluster of excellence "Cells in Motion" (CiM), Muenster (funded by the (DFG) (re-evaluated 03/2016)
2009-2013	Spokesperson, National German Competence Network of Multiple sclerosis (BMBF-funded)