

## Prof. Dr. med. Frauke Zipp

Director of the Clinic and Polyclinic for Neurology  
Professor of Neurology (W3)  
Working Group Leader

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[www.unimedizin-mainz.de/neurologie/forschung/arbeitsgruppen/neuroimmunologie.html](http://www.unimedizin-mainz.de/neurologie/forschung/arbeitsgruppen/neuroimmunologie.html)



### Academia

- 1982 - 1989      Studies in medicine, Goethe-University Frankfurt  
Study visits in the USA and England
- 1986 - 1990      Doctorate (Dr. med.) in Anatomy, Goethe-University Frankfurt (Prof. Frotscher)
- 1989 - 1992      Specialist training in Neurology, Goethe-University Frankfurt (Prof. Fischer)

### Career

- 1993 - 1995      Postdoc, Department for Neuroimmunology, Max Planck Institute, Martinsried (Profs. H. Wekerle and R. Hohlfeld)
- 1995 - 1998      Habilitation in neurology, Department for Neurology, Eberhard Karls University, Tübingen (Prof. J. Dichgans)
- 1996              Visiting Scientist, National Institute of Health, Division of Neuroimmunology (Prof. H. McFarland), Bethesda (USA)
- 1998 - 2002      Senior physician, Department for Neurology, Charité, Berlin
- 2002 - 2006      C3-Professor; Head of the Institute for Neuroimmunology, Charité, Berlin
- 2006 - 2009      W3-Professor (Full Professor), Charité Berlin; clinical coordinator and executive board member of the Max-Delbrück-Center for Molecular Medicine (Helmholtz); director of the Cecilie-Vogt clinic, Charité Berlin
- 2006 - 2009      Spokesperson of GRK 1258 "Influence of inflammation on nervous system function"
- 2007 - 2009      Chairwoman of excellence cluster "NeuroCure" and participation at the Graduate School of Excellence for Regenerative Therapy (BSRT)
- 2008 - 2009      Spokesperson of Transregio CRC TR 43 "The brain as a target of inflammatory processes"
- since 2009      W3-Professor (Full Professor) of neurology and director of the clinic and polyclinic for neurology, University Medical Center of the Johannes Gutenberg University Mainz
- since 2012      Spokesperson of CRC TR 128 Multiple Sclerosis (DFG)

## Awards

1998	Langheinrich-Prize for MS research
1999	Research Award of the DCP Academy for Clinical Diagnostics
2003	Nils-Ilja-Richter Prize of the German Society for Autoimmune Diseases
2005	Pette-Prize of the German Society of Neurologists
2011	Alexander Karl Prize
2011	Member of the German Academy of Science Leopoldina

## Selected Publications

Pape K, Tamouza R, Leboyer M, **Zipp F**. Immunoneuropsychiatry - novel perspectives on brain disorders. *Nat Rev Neurol* 2019 Apr 15.[Epub ahead of print]

Bittner S, **Zipp F**. AAN unveils new guidelines for MS disease-modifying therapy. *Nat Rev Neurol* 2018; 14(7):384-386.

Vogelaar CF\*, Mandal S\*, Lerch S\*, Birkner K, Birkenstock J, Bühler U, Schnatz A, Raine CS, Bittner S, Vogt J, Kipnis J, Nitsch R, **Zipp F**. 2018. Fast direct neuronal signaling via the IL-4 receptor as therapeutic target in neuroinflammation. *Sci Transl Med* 10(430): eaao2304. \* equally contributing

Larochelle C\*, Uphaus T\*, Broux B, Gowing E, Paterka M, Michel L, Dudvarski Stankovic N, Bicker F, Lemaitre F, Prat A<sup>§</sup>, Schmidt MMH<sup>§</sup>, **Zipp F**<sup>§</sup>. 2018. EGFL7 reduces CNS inflammation in mouse. *Nat Commun* 9(1): 819. \*,<sup>§</sup> equally contributing

Paterka M, Siffrin V, Voss JO, Werr J, Hoppmann N, Gollan R, Belikan P, Bruttger J, Birkenstock J, Esplugues E, Yogev N, Flavell RA, Bopp T, **Zipp F**. 2016. Gatekeeper role of antigen-presenting CD11c+ cells in neuroinflammation. *EMBO Journal* 35(1): 89-101.

Ulges A, Witsch E, Pramanik G, Klein M, Birkner K, Bühler U, Wasser, B, Luessi, F, Stergiou N, Dietzen S, Brühl T-J, Bohn T, Bündgen G, Kunz H, Waisman A, Schild H, Schmitt E, **Zipp F**<sup>§</sup>, Bopp T<sup>§</sup>. 2016. Protein kinase CK2 governs the molecular decision between encephalitogenic TH17 cell and Treg cell development. *Proc Natl Acad Sci USA* 113(36): 10145-50. § equally contributing

Larochelle C, Uphaus T, Prat A, **Zipp F**. 2016. Secondary progression in multiple sclerosis: neuronal exhaustion or distinct pathology? *Trends Neurosci* 39(5): 325-339

Ellwardt E, Walsh JT, Kipnis J, **Zipp F**. 2016. Understanding the Role of T Cells in CNS Homeostasis. *Trends Immunol* 37(2): 154-65.

Walsh, J. T., Hendrix, S., Boato, F., Smirnov, I., Zheng, J., Lukens, J. R., Gadani, S., Hechler, D., Golz, G., Rosenberger, K., Kammertons, T., Vogt, J., Vogelaar, C., Siffrin, V., Radjavi, A., Fernandez-Castaneda, A., Gaultier, A., Gold, R., Kanneganti, T. D., Nitsch, R., **Zipp F**, and Kipnis J. 2015. MHCII-independent CD4+ T cells protect injured CNS neurons via IL-4. *J Clin Invest* 125: 699-714. § equally contributing.

Methner, A., and **Zipp, F**. 2013. Multiple sclerosis in 2012: Novel therapeutic options and drug targets in MS. *Nat Rev Neurol* 9: 72-73.