**Prof. Dr. med. Frauke Zipp**

Director of the Clinic and Polyclinic for Neurology

Professor of Neurology (W3)

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**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§, Schmidt MMH§, **Zipp F**§. 2018. EGFL7 reduces CNS inflammation in mouse. *Nat Commun* 9(1): 819. \*,§ 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**§, Bopp T§. 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.