

## The Translational Neuroimmunology Conference: From Mechanisms to Therapeutics

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### Keynote Bio: Britta Engelhardt, MD



Britta Engelhardt is an expert in brain barriers biology with a special focus on neuroinflammatory processes at the brain barriers. She has pioneered the use of intravital microscopy of the spinal cord microcirculation allowing to study leukocyte/BBB interaction in real time in live mice. For this work she has received the Herrmann-Rein Award of the Society for Microcirculation and Vascular Biology in 2001. She has over 200 publications on this topic.

Engelhardt has coordinated the Horizon 2020 funded ITN BtRAIN focusing brain barriers research. She was Vice- Chair and elected Chair of the Gordon Research Conference Barriers of the CNS in 2016 and 2018. She is a founding member of the International Brain Barriers Society and the current president of the Swiss Society for Microcirculation and Vascular Research (SSMVR). Engelhardt obtained a degree in Human Biology at the Medical School of the Philipps-University, Marburg in Germany in 1987.

She performed her PhD thesis in the laboratory of Hartmut Wekerle (Max-Planck Clinical Research Group for Multiple Sclerosis, Würzburg and Max-Planck Institute for Psychiatry, Martinsried, Germany) and obtained a PhD in Human Biology (Dr.rer.physiol.) in January 1991.

After a post-doctoral fellowship in the laboratory of Eugene C. Butcher at Stanford University, California, she set up her own research group at the Max-Planck Institute for Physiological and Clinical Research, Bad Nauheim, Germany in the department of Werner Risau (†December 13th, 1998) in 1993.

In 1998 she obtained the Venia Legendi for Immunology and Cell Biology from the Medical Faculty of the Philipps University Marburg, Germany. From 1999 to 2003 she headed her research group as a senior group leader at the same institute and the Max-Planck-Institute for Vascular Cell Biology, Münster, Germany. Since November 2003, Engelhardt is Professor for Immunobiology at the University of Bern and Director of the Theodor Kocher Institute.