

Academic education and career

- 2018 – ... **Research Group Leader**
Max Planck Research Group *Pain Perception*, Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany
- 2011 – 2018 **Postdoctoral Research Fellow**
Oxford Centre for Functional MRI of the Brain (FMRIB), Nuffield Department of Clinical Neurosciences, University of Oxford, UK
- 2010 **Ph.D.**, Psychology, **summa cum laude**
University of Hamburg, University Medical Centre Hamburg-Eppendorf, Department of Systems Neuroscience, Hamburg, Germany
- 2005 **Diploma** (German M.Sc. equivalent), Psychology
University of Tübingen, Department of Medical Psychology and Behavioural Neurobiology, Tübingen, Germany
- 2003 **M.Sc.**, Neural and Behavioural Sciences
University of Tübingen, Graduate School of Neural and Behavioural Sciences, International Max Planck Research School, Tübingen, Germany

Selection of awards, fellowships and grants

- 2018 – ... **ERC Starting Grant**, Max Planck Research Group *Pain Perception*, Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany.
- 2018 – ... **Max Planck Research Group**, Max Planck Research Group *Pain Perception*, Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany.
- 2013 **Burkhardt-Bromm Award for Cognitive Neurobiology**, University-Medical-Centre Hamburg-Eppendorf, Hamburg, Germany.
- 2011 – 2013 **Marie Curie Intra-European Career Development Fellowship**, FMRIB Centre, Nuffield Department of Clinical Neurosciences, University of Oxford, Oxford, UK.
- 2010 **Pain Research Award**, German Society for the Study of Pain (German chapter of IASP), Mannheim, Germany.
- 2010 **Biopsychology Research Award**, German Society for Psychology (Section Biological Psychology and Neuropsychology), Greifswald, Germany.
- 2009 **OHBM Travel Award**, 15th Annual Meeting of the Organization for Human Brain Mapping, San Francisco, USA.

Selection of publications

- 2023 Dabbagh A, Horn U, Kaptan M, Mildner T, Müller R, Lepsien J, Weiskopf N, Brooks JCW, Finsterbusch J, **Eippert F**. Reliability of task-based fMRI in the dorsal horn of the human spinal cord. bioRxiv.
Nierula B, Stephani T, Kaptan M, Mouraux A, Maess B, Villringer A, Curio G, Nikulin VV, **Eippert F**. Non-invasive multi-channel electrophysiology of the human spinal cord – assessing somatosensory processing from periphery to cortex. bioRxiv.
- 2022 Kaptan M, Vannejo SJ, Mildner T, Horn U, Hartley-Davies R, Oliva V, Brooks JCW, Weiskopf N, Finsterbusch J, **Eippert F**. Automated slice-specific z-shimming for fMRI of the human spinal cord. *Hum Brain Mapp* 43: 5389:5407.
Nickel MM, Tiemann L, Hohn VD, May ES, Gil Ávila C, **Eippert F**, Ploner M. Temporal-spectral signaling of sensory information and expectations in the cerebral processing of pain. *Proc Natl Acad Sci U S A* 119:e2116616119.

- 2021 Cohen-Adad J, **et al.** Generic acquisition protocol for quantitative MRI of the spinal cord. *Nat Protoc* 16:4611-4632.
- Zunhammer M, **et al.** Meta-analysis of neural systems underlying placebo analgesia from individual participant fMRI data. *Nature Commun* 12:1391.
- 2017 Geuter S, Boll S, **Eippert F**, Büchel C. Functional dissociation of stimulus intensity encoding and predictive coding of pain in the insula. *Elife* 6:e24770.
- Eippert F**, Kong Y, Jenkinson M, Tracey I, Brooks JC. Denoising spinal cord fMRI data: approaches to acquisition and analysis. *NeuroImage* 154:255-266.
- 2014 Kong Y, **Eippert F**, Beckmann CF, Andersson J, Finsterbusch J, Büchel C, Tracey I, Brooks JCW. Intrinsically organized resting state networks in the human spinal cord. *Proc Natl Acad Sci U S A* 111:18067-18072.
- Büchel C, Geuter S, Sprenger C, **Eippert F**. Placebo analgesia: a predictive coding perspective. *Neuron* 81:1223–1239.
- 2009 **Eippert F**, Finsterbusch J, Bingel U, Büchel C. Direct evidence for spinal cord involvement in placebo analgesia. *Science* 326:404.
- Eippert F**, Bingel U, Schoell ED, Yacubian J, Klinger R, Lorenz J, Büchel C. Activation of the opioidergic descending pain control system underlies placebo analgesia. *Neuron* 63:533–543.