



PhD Position on Sex Differences in Body Memories - Start June 2026

Hertie Institute for Clinical Brain Research Tübingen, Germany

Body memories are defined as the sum of all bodily experiences that are stored in memory and influence behavior. Are you interested in how sex differences in body memories influence sex-sensitive behaviors and associated mental disorders? Then, apply for the offered

PhD Position (65%, m/f/x) on Sex Differences in Body Memories

The position will be situated at the [Hertie Institute for Clinical Brain Research](#) (HIH), an internationally leading institute that is part of the German University Excellence Initiative at the Eberhard Karls University Tübingen, Germany. The HIH, together with the Neurology Hospital, forms the Hertie Center for Neurology (HZN), which is dedicated to research, treatment, and teaching focused on the diseases and disorders of the human brain. The candidate will work in close collaboration with the [Clinic for General Psychiatry and Psychotherapy](#).

About the Project

The position will be based in the **Translational Imaging of Cortical Microstructure** Research Group lead by [Prof. Dr. Esther Kühn](#) in close collaboration with the **Women's Mental Health & Brain Function** Research Group lead by [Prof. Dr. Birgit Derntl](#). The successful applicant will investigate sex differences in human body memories using a uniquely multidimensional approach via combining high-field and ultra-high field fMRI, digital tracking (via Apps, VR), experimental memory paradigms, and hormonal investigations. The position will contribute to understanding the impact of biological sex and sex hormones on body memories and mental health.

Your Profile

- Excellent MSc Degree in Psychology, Cognitive Neuroscience or a related field
- Experience with programing and fMRI data analyses
- Strong analytical and problem-solving skills
- Team spirit and collaborative mindset
- Excellent English communication and writing skills
- Possibility to start the position **01.06.2026**

We offer

- 3-years 65% contract with possibility for extension
- Internationally top-ranked research environment in basic and clinical neuroscience (Excellence University)
- Integration into [Graduate Training Centre of Neuroscience](#) (GTC)
- Support in fMRI analyses techniques including computational modelling and machine learning
- No teaching obligations
- Access to 3T MRI scanning supported by the Core Facility MRI
- Access to a full-body virtual haptics lab and hormonal analysis laboratories
- Possibility to present research results at international conferences (UK, USA, Canada)

Interested candidates are invited to send an application with their CV, a brief description of future research interests together with a list of 2 potential referees to:

Prof. Dr. Esther Kühn

Translational Imaging of Cortical Microstructure

Otfried-Müller-Straße 27, 72076 Tübingen, Germany

E-Mail: esther.kuehn@uni-tuebingen.de

Please contact Prof. Kühn if you have any questions on the position.

Application deadline: 08.04.2026

