

CAMPUS RESEARCH FOCUS

MIND, BRAIN AND BEHAVIOUR

Our Research

The ability of humans to adapt their behaviour to constantly changing environmental conditions is astounding. Scientists at the Campus Research Focus are investigating these adaptation processes, which affect practically every area of mental performance, from elementary and fast adaptation processes in sensory systems to slow and permanent changes accompanying the learning of complex skills.

The goal is to explain human behaviour in healthy individuals and in psychiatric and neurological subjects and to understand how the brain functions. This top research area is committed to research-related teaching, a state-of-the-art research infrastructure and strategic promotion of early-career researchers at the beginning of their careers.

With excellent joint research projects and individual grants, the Campus Research Focus has gained excellent national and international reputation.

Our Key Questions

- How do our perception and behaviour work?
- How is our perception altered by age and diseases?
- How do genetic and environmental factors jointly influence the development and progression of psychological illnesses?

FCMH Partners



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Current Research Projects

- DFG SFB 135 Cardinal Mechanisms of Perception: Prediction, Valuation, Categorization
- DFG IRTG 1901 The Brain in Action (BrainAct)
- DFG GRK 2271 Expectation Maintenance vs. Change in the Context of Expectation Violations: Connecting Different Approaches
- DFG FOR 2107 Neurobiology of Affective Disorders
- DFG Instruments Hub Planning, Experimental, and Analysis Support in Research (PLEASURE)

Research Infrastructures

- Functional Magnetic Resonance Imaging (fMRI) Scanner, Giessen University
- Functional Magnetic Resonance Imaging (fMRI) Scanner, Marburg University
- Marburg Center for Mind, Brain and Behavior, MCMBB; Marburg University
- Comprehensive Biomaterial Bank Marburg

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More Information



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