



The Institute of Applied Physiology at the Medical Faculty of **Ulm University** (Ulm, Germany) and the pharmaceutical company **Boehringer Ingelheim Pharma GmbH & Co. KG** (Biberach an der Riss, Germany) are jointly offering two Ph.D. positions.

Academic-industrial Ph.D. positions in circuit neuroscience (m/f)

Reference-code 105135

The focus of the project will be the application of circuit neuroscience techniques, including chemogenetics, optogenetics, fMRI, CRISPR/Cas9, electrophysiology, and single-cell transcriptomics in mice to dissect mechanisms underlying disease-related cognitive functions.

The positions will be fully funded for three years according to the German TV-L system. Students are expected to work at both Boehringer Ingelheim (lab of Dr. Anton Pekcec) and Ulm University (labs of Drs. Birgit Liß and Dennis Kätzel), and will therefore experience the research environments in industry and academia alike.

Boehringer Ingelheim ranks among the Top 20 pharmaceutical companies worldwide and has a strong track record of research-intensive and innovative drug development. Ulm University is ranked first among the German universities younger than 50 years and has an excellent Medical Faculty with a broad range of core facilities and translational neuroscience research groups.

Candidates for the posts will hold an M.Sc. or equivalent degree in neuroscience or a neuroscience-related subject by September 2016. Formal education and preferably, research experience in behavioural neuroscience, circuit neuroscience, biological psychiatry, and molecular biology are very much appreciated.

Are you interested?

Please email applications incl. cover letter, short (max. 1 page) statement of research interest, certificates of B.Sc. and M.Sc. degrees, and CV (2-4 pages, incl. contact details for two referees) to Dr. Dennis Kätzel at dennis.kaetzel@uni-ulm.de

Application Deadline: 25.07.2016

Employment takes place through the administration department of the University Medical Center Ulm, which acts in the name and on behalf of the federal state of Baden-Württemberg. Handicapped people with equal qualifications will be employed preferentially. The University Ulm strives for an increased proportion of women in research and teaching and therefore strongly encourages qualified female scientists to apply for the position. In general, full-time positions are divisible.