**Promotionsstelle - wissenschaftliche Mitarbeiterin / Mitarbeiter**

Position available: 01 March 2017

Closing date: 15 January 2017

Payment: TV-L E13, 50 %

Period: Initially for 3 years, extension for up to 2 years possible.

Applicants are invited to join the Walther Straub Institute of Pharmacology and Toxicology of LMU Munich as a PhD student. The Walther Straub Institute is one of the oldest and most recognized academic institute for Pharmacology and Toxicology in Germany. Around 60 researches grouped in 10 units work in the fields of cardiac or lung physiology, immunology, metabolism or reproduction using state-of-the-art techniques.

The group of receptor pharmacology and signal transduction headed by Dr. rer. nat. Andreas Breit has long-term experience (more the 10 years) and success (35 original research papers) in analysing signalling pathways induced by G protein-coupled receptors, which represent the most common clinical target against diseases such as pain, metabolic disorder, cardio vascular diseases and CNS disorders.

The circadian clock is a network of interacting transcription factors that show daily fluctuations in their expression levels and thereby affect almost all biological relevant processes. Despite the high significance of GPCR signaling and the circadian clock for the proper function of eukaryotic cells, very little is known about putative functional interactions between the both on the cellular level. In order to initiate a new research project considering functional interactions between GPCR signaling and the circadian clock in different cell and animal models, we are seeking for a very highly motivated and talented PhD student.

**Requirements**

Master of Sciences in biology, biochemistry, chemistry or any related discipline.

Hands-on experience in at least two of the following subjects: GPCR pharmacology, cellular signaling, fluorescence-based techniques, gene expression analysis, circadian rhythm or animal research.

The position demands unusual working times, handling of animals and radioactive substances.

All qualified candidates are encouraged to send their application to Andreas Breit until the 15th of January 2017.

Contact:

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