

The division Neurophysiology led by Prof. Valentin Stein at the **Institute of Physiologie II**, University of Bonn offers

PhD positions (f/m/d) (50%)

We are interested in the function and development of synapses in the central nervous system. Currently we focus on posttranslational modifications of synaptic proteins (Vogl. et al. Nat. Neurosci 2015). We use a wide array of approaches, including single cell electrophysiology, biochemistry and in-vivo imaging. The positions are limited to three years.

Successful candidates will work under the direct supervision of Prof. Valentin Stein. We are looking for outstanding and highly motivated candidates with a Master in a relevant discipline and some experience in electrophysiological recordings (patch-clamp, field recordings), in vivo imaging, 3D electron microscopy, or protein biochemistry. Further required are a strong interest in molecular neuroscience and the motivation to pursue an independent line of research. The candidate should have the ability and self-motivation to work both independently and as a team player. German language skills are welcome but not required.

We offer:

- The salary will be according to the German salary scale TV-L (EG 13)
- A "Jobticket" (subsidized public transport) is available
- There is also a possibility to use the day care center
- Supplementary benefits in the public sector (pension plan according to VBL)

The University of Bonn is committed to diversity and equal opportunity. It is certified as a family-friendly university. It aims to increase the proportion of women in areas where women are under-represented and to promote their careers in particular. It therefore urges women with relevant qualifications to apply. Applications will be handled in accordance with the *Landesgleichstellungsgesetz* (State Equality Act). Applications from suitable individuals with a certified serious disability and those of equal status are particularly welcome.

We look forward to receiving your online application including the following documents in a single PDF: cover letter stating your motivation for this position, a comprehensive CV, copies of degree certificates. For further information about the group please visit our website: www.physiolgie2.uni-bonn.de

Please send your complete application documents in a single PDF until three weeks. to Prof. Valentin Stein by email vstein@uni-bonn.de. Please refer to the reference number 278_2019.