

Philipps



Universität
Marburg

The Retinal Physiology Group at the Department of Physiology and Pathophysiology (PI: Dr. Moritz Lindner) is currently accepting applications for a

Research Assistant (PhD student)

The position is offered for a period of 3 years, if no former times of qualification must be considered. The starting date is as soon as possible. Salary and benefits offered commensurate to a public service position in the state Hesse, Germany (TV-H E 13, 50 %).

We are seeking an ambitious and highly motivated scientist who is keen to elucidate the role of modulatory ion channel subunits in the retina employing a methodological spectrum spanning from biochemistry to electrophysiology. In particular, the jobholder will be given the opportunity to innovatively combine cutting-edge biostatistics with technologies like Yeast-2-Hybrid, in-vivo gene transfer and patch-clamp recordings from native retinal neurons in order to achieve the goal of the program.

The position is limited to a time period deemed adequate for the completion of a doctoral degree. As part of the assigned duties, there will be ample opportunity to conduct the independent scientific research necessary for the completion of a doctorate. The limitation complies to § 2, 1 WissZeitVG.

The successful applicant should hold an MSc-degree or equivalent in Biology, Biomedical Sciences or related disciplines. Experience or profound knowledge in immunohistochemistry, protein chemistry and electrophysiology is expected. Experience in programming (e.g. R/Python) and a qualification in animal experimentation (e.g. FELASA B) are desirable but not essential. Disposition to own scientific qualification (e.g. a Master's project in the area or involving relevant methods) is expected.

The PhD project will benefit from shared supervision by two collegiate supervisors (Dr. Moritz Lindner and Dr. Vijay Renigunta) both with a high commitment to supervision and training in the abovementioned methods.

Recent publication relating to this programme: Lindner et al: Investigative ophthalmology & visual science. 2020;61(3):33. Further information on the group and its research focus can be found at: <https://www.uni-marburg.de/fb20/physiologie/ags/oliver/retinalphysiology>.

We actively support the professional development of junior researchers, e.g. by the offers of Marburg Research Academy (MARA), the International Office, the Higher Education Didactics Office and the Human Resources Development Office.

We support women and strongly encourage them to apply. In areas where women are underrepresented, female applicants will be preferred in case of equal qualifications. Applicants with children are welcome - Philipps-University is certified as a family-friendly university. Applicants with a disability as described in SGB IX (§ 2 Abs. 2, 3) will be preferred in case of equal qualifications. Application and interview costs cannot be refunded.

Please send your application mentioning registration number fb20-0107-wmz-2020 as a single PDF file to Moritz.Lindner@uni-marburg.de before 15.05.2020.