PhD Position in Zebrafish Genetics and Imaging - Goethe University, Frankfurt

The Group of “Neuro and Vascular Development” (Prof. Dr. Amparo Acker-Palmer) at the Goethe University Frankfurt am Main invites applications for a FOR-funded PhD Position in Zebrafish Genetics and Imaging (E13 TV-G-U, 65 %)

This position is initially available starting from 01.01.2019 until December 31st, 2021.

The wage classification conforms to the job characteristics of the collective agreement applicable to the Goethe-University.

We are looking for a highly motivated scientist, with a master in natural sciences and ideally with a cell- and developmental biology background, to join our team.

The Goethe University Frankfurt, positioned among the top international research universities, offers a wide variety of academic programmes, a diverse group of research institutes, and a focus on interdisciplinary approaches to solving complex problems. Today, the Goethe University is the only university in Germany which enjoys significant public funding alongside administrative autonomy and the ability to create a private endowment. Situated in Germany’s most cosmopolitan and international city, the university attracts a diverse body of students and researchers from around the world and is with about 46.000 students and 4.600 employees the biggest university in Hessen.

Our group is part of the Buchmann Institute for Molecular Life Sciences and of the Institute of Biosciences, located at the Campus Riedberg. The Institute is composed of nineteen scientific groups from various disciplines including biology, physics, chemistry, and medicine. We are dedicated to basic research with biomedical relevance, to train young scientists, and to develop frontier technologies in life sciences.


Your task:

You will work in a dynamic international team to study the neurovascular crosstalk in the zebrafish using genetics and state-of-the-art imaging.

Your qualifications:

We look for a candidate with a master in natural science and a solid experience in lab work and with the model organism zebrafish. Experience in cell biology, molecular biology methods and confocal imaging is required. Candidates with solid knowledge in microinjection, TALEN/CRISPR mutagenesis, in vivo imaging and image analysis (ImageJ, Metamorph, Imaris) will be preferred. Excellent knowledge of the English language (spoken and written) is required.

We offer:

We offer excellent facilities to conduct cutting-edge research in an international team atmosphere. You will collaborate with internal and external partners. You will participate in tailored interdisciplinary training and a framework of common scientific activities. The laboratory is affiliated with the Max Planck Institute of Brain Research in Frankfurt through the Max Planck Fellow program.

Application:

Please submit your application, containing a cover letter that states your experience and motivation and your curriculum vitae until December 11th, 2018 at the latest to: bataille@bio.uni-frankfurt.de (c/o Prof. Dr. Acker-Palmer, Fachbereich Biowissenschaften, Johann Wolfgang Goethe-University Frankfurt am Main).