



At the Institute of Cell Biology in the faculty of Mathematics and Natural Sciences of Heinrich Heine University Düsseldorf a post as a

Postdoc (m/f/d)

(100%, pay grade 13 TV-L)

is to be occupied at the earliest possible date. The employment is initially limited for a period of 3 years with an option for prolongation. It is a qualification position in the sense of the Act of Academic Fixed-Term Contract (Wissenschaftsvertragsgesetz – WissZeitVG), which is to promote the scientific qualification of the employee.

The Institute of Cell Biology focuses on understanding Adhesion G protein-coupled receptors (aGPCRs) and how they translate signals into function. Adhesion GPCRs form the second largest class of GPCRs and are highly essential in health and disease, rendering them promising drug targets. It has become increasingly clear that they are essential players in various biological processes, especially in metabolism regulation. However, for many of them their specific roles in this context are poorly understood and we are interested in their function and in providing a mechanistic link between their signalling capacities and their physiological impact. We are seeking a postdoc (w/f/d) who will partake in this research endeavour.

Your tasks:

- Experimental work to study Adhesion GPCRs in physiological processes, in particular in various metabolic processes by using animal models as well as molecular and cell biology techniques
- Analyses of cellular signal transduction of Adhesion GPCRs
- Organisation, planning, establishment, performance of experiments and data analysis
- Presentation of data in publications and on conferences
- Participation in acquisition of third-party funding
- Teaching and training/supervision of undergraduate and PhD students

Our requirements:

- PhD in biology, biochemistry or equivalent natural or life sciences
- Background in molecular biology and cell biology techniques
- Experience in working with the model organisms mouse
- Experience in publishing in international journals
- Excellent English communication skills (written and oral)

- Experience in writing grant applications for third-party funding is advantageous
- Knowledge in receptor biology and a strong interest in biochemical and physiological questions are advantageous
- High level of motivation, excellent organisation skills and the ability to work independently and in a team

The pay scale grouping will be, depending on the personal qualification of the applicant, up to pay grade 13 TV-L.

In principle, the employment can also take place part-time, if no compelling official reasons are opposed in an individual case.

Heinrich Heine University Düsseldorf aims at increasing the percentage of employed women. Applications from women will therefore be given preference in cases of equal aptitude, ability and professional achievements unless there are exceptional reasons for choosing another applicant. Applications from suitably qualified severely disabled persons or disabled persons regarded as being of equal status according to Book IX of the German Social Code (SGB – Soziales Gesetzbuch) are encouraged.

Your contact person in case of questions is Prof. Simone Prömel; email: proemel@hhu.de

Please submit your application documents (covering letter, summary of previous research, CV, contact data for two references) citing reference no. 105.21 – 3.1 until 24.02.2021 preferably by email to

proemel@hhu.de

or in writing to:

Heinrich Heine University Düsseldorf
Faculty of Mathematics and Natural Sciences
Institute of Cell Biology
Attn. Prof. Simone Prömel
Universitätsstraße 1
40225 Düsseldorf



Please do not submit application materials in folders and be sure to send copies only, as documents will not be returned (they will be destroyed after the selection procedure has been completed).