Postdoctoral researcher position (m/w/d) (summary)

Center of Experimental Medicine - Department of Biochemistry and Molecular Cell Biology (IBMZ) Cell Communication and Migration Laboratory (CellComM Lab).

Job summary
We are looking for a passionate researcher to work with us to contribute with a better understanding of diseases from a fundamental research point of view, focused in the basic cellular mechanisms that control cell migration, and to perform teaching activities for the IBMZ.

What we can offer (see full description in the link)

- A 5 years postdoc position (starting July 2020) to study how adenine nucleotides (i.e. ATP, Ado) control immune cell migration by modulating the endoplasmic reticulum Ca\(^{2+}\) signaling and stress response, using state-of-art microfluidic devices, live imaging microscopy, and imaging analysis tools. A collaborative and innovative, family-friendly working environment in the heart of Hamburg, in our new group called CellComM Lab, hosted at the University Medical Centre Hamburg-Eppendorf (UKE).

What to expect (see full description in the link)

- The CellComM Lab is hosted at the IBMZ. We plan to have constant interactions with other groups of the IBMZ: "Calcium Signaling Group" (Prof. Dr. Guse) and "Immunometabolism" (Prof. Dr. Heeren), and others at the UKE.
- The members of the CellComM Lab will have access to state-of-the-art equipment for super resolution live cell imaging at the IBMZ and at the imaging core facility of the UKE.
- The CellComM Lab is integrated in the SFB 1328, which studies adenine nucleotides as ubiquitous signaling molecules for cell-cell interactions and signaling, but we will study also these responses in other contexts.
- Our laboratory will use several state-of-art cell biology techniques, and imaging analysis tools to unveil the cellular mechanisms that control cell communication and migration in immune cells (and others).
- A scientific environment where we expect you to develop creative and independent thinking.
- To perform experiments with cell lines and primary cells from mice, as well as mice handling, as well as advanced imaging analysis, and to develop new protocols and lines of research.
- Assist with grant application, in particular the management of the administrative aspects of it, such as ethics’ committee approval and other, which are generally done in German.
- Guide and train PhD and other future members of the lab.
- Perform teaching in biochemistry: 4 course hours per week over 28 weeks per year (LVS), acc. Hamburg Teaching Obligation Ordinance.

What we look for in a candidate (see full description in the link)

- Completed PhD in Life Sciences.
- At least one first author publication (indexed in PubMed, or a preprint under revision).
- Research experience: cell culture, live-cell imaging microscopy.
- Excellent command of English and German. Effective written and verbal communication.
- Scientific integrity, collaborative spirit, resilience and politeness at all times.
- Meticulousness and critical mind for experimental design/execution.

Where to apply

We look forward to receiving your completed application by 08 June 2020 stating reference code 2020-282_eng. Applications are accepted only via the UKE’s website https://bit.ly/2SYcg6G

Contact: Prof. Dr. Pablo J. Sáez, CellComM Lab, IBMZ, UKE. p.saez@uke.de @pj_saez