Halle, December 2017, Bacia Lab

Please note that solely the announcement in German (Reg.5-12224/17-D) on the webpage of the Martin-Luther-Universität Halle-Wittenberg is official and valid.

This information in English is provided as a service. Please contact us with any questions.

Project: "Development of a platform for protein interaction analysis in native membranes"

The department of chemistry at Martin-Luther University Halle, Germany is offering two positions for "wissenschaftliche Mitarbeiter" (**research assistants, can be PhD student or postdoc**).

Salary: 80 % part-time of up to E13 TV-L. Positions **available immediately** and **funded until September 30, 2020**.

Your profile:

- Master and ideally Ph.D. in biochemistry, biology, pharmacy/pharmacology, chemistry, biophysics, physics or a related subject
- Publications in peer-reviewed journals
- Experience in ideally several of the following areas:
  - Molecular biology and protein biochemistry
  - Subcellular fractionation, isolation of membranes and their characterization with biochemical or mass spectrometry-based methods
  - Experience with the biochemical characterization of complex cellular structures i.e. membrane vesicles
  - Preparation of artificial model membranes such as small and large unilamellar vesicles (various methods for SUV, LUV, GUV)
  - Fluorescence fluctuation spectroscopy (FCS) and quantitative binding studies with fluorescence cross-correlation spectroscopy or comparable methods
  - Experience with ligand-protein binding experiments, ideally with pharmacologically relevant proteins e.g. GPCRs
  - State-of-the-art fluorescence microscopy, e.g. single molecule sensitive super resolution microscopy methods (FPALM/STORM) or correlative fluorescence and cryo-electron microscopy
  - Experience in related biophysical methods
- Interest in interdisciplinary work and learning new methods
- Good communication skills, highly motivated, careful worker, able to work independently, while communicating closely in team.
- Solid oral and written command of English language.
- Experience in presentations and discussions at meetings (talks and posters) and in writing publications.

Job profile:

- Development of a platform for protein interaction analysis in isolated native membranes
- Close collaboration in an interdisciplinary team of chemists and biochemists
- Some teaching

For more information please contact Prof. Dr. Kirsten Bacia, Tel.: ++49-345-55-24924, email: kirsten.bacia@chemie.uni-halle.de or visit our website at http://www.chemie.uni-halle.de .
Please send you application **referencing Reg. No. 5-12224/17-D** including the usual documents to Prof. Dr. Kirsten Bacia, Martin-Luther-Universität Halle-Wittenberg, Naturwissenschaftliche Fakultät II, Institut für Chemie, 06099 Halle (Saale) **by 28 Feb 2018.**

Handicapped applicants will be given priority when equally qualified; women are strongly encouraged to apply; job announcement is under budgetary proviso; cost for applications and cost for travel will not be reimbursed; application documents will only be returned if self-addressed envelope with sufficient postmarks is included; electronic application (e-mail) is permissible.

We offer:
Being part of the interdisciplinary research group ***Biophysical Chemistry*** you can apply and broaden your skills in working with recombinant and endogenous membrane proteins. Using state-of-the-art analytic techniques such as super-resolution fluorescence microscopy (FPALM/STORM), fluorescence correlation spectroscopy (FCS) and cryo-electron microscopy, you can benefit from the environment at the newly established *Charles Tanford Protein Center o*f the Martin-Luther University Halle, which is embedded in the Life Science campus in Halle, Germany.