



life@nano

The developing research cluster "life at the nanoscale" (life@nano, <http://grc.uni-goettingen.de/index.php?id=matter>) at the University of Göttingen is looking to fill the position of a

Research Associate (PostDoc) - in Nanophysiology

Limited contract of 3 years, full position | Pay grade 13 TV-L

The life@nano fellows are expected to build an independent research program targeting cellular nanoscale machineries. Supported by a modest start-up and affiliated with one or two group(s) of the life@nano consortium, the fellows can take advantage of the scientific infrastructure and environment to tackle fundamental research at the interface of the natural and biomedical sciences.

This position should be filled by the beginning of 2016. The regular working hours will be full time (100%) with a limited contract of 3 years. The position is funded by the State of Lower Saxony. Salary: Pay grade 13 TV-L.

The objective of the research cluster life@nano is to target the structure, function, and dysfunction of non-covalent assemblies with a defined function in a cell, so-called nanoscopic functional units. The life@nano cluster focusses on three main areas: i) supramolecular complexes in gene expression, ii) lipid membrane-based nanodomains for recognition, adhesion, and signalling, and iii) protein-based nanoscopic functional units mediating trafficking processes.

The life@nano initiative involves research groups from Biology, Chemistry, Mathematics, Medicine, and Physics and is a joint initiative of the University of Göttingen, the University Medical Center, the MPI for Biophysical Chemistry, the MPI for Dynamics and Self-Organization, the MPI of Experimental Medicine, the Laser Laboratorium, and the German Center for Neurodegenerative Diseases.

Successful candidates hold a Master and a Ph.D. or equivalent in the natural or biomedical sciences with an excellent track record in high- and super-

resolution imaging and/or electrophysiology of cellular nanoscopic functional units and should target one of the three main areas given above. They should have demonstrated their ability for interdisciplinary collaboration and should work alongside with life scientists, physicists, mathematicians, and/or chemists on campus.

The University of Göttingen is an equal opportunities employer and places particular emphasis on fostering career opportunities for women. Qualified women are therefore strongly encouraged to apply as they are underrepresented in this field. Disabled persons with equivalent aptitude will be favoured.

Please send your application with the usual documents as well as a short research proposal (not exceeding 5 pages) in electronic form as one single pdf file by January 10th 2016 to the address below.

If you have any questions, please contact Dr. Jakob Neef (phone: +49 551 39 8970, e-mail: jneef@gwdg.de).

Please send your application until **January 10th, 2016**, to:

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Institut für Auditorische Neurowissenschaften
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Contact

Dr. Jakob Neef

Travel and application fees can not be refunded or transferred.