

Post-doctoral researcher (f/m/d) Membrane Biophysics / Mitochondrial Biology

Institute for Genetics | García-Saéz Group

The University of Cologne is one of the largest and most research-intensive universities in Germany, offering a wide range of subjects. With its six faculties and its interfaculty centres, it offers a broad spectrum of scientific disciplines and internationally outstanding profile areas, supported by the administration with its services.

Our research is focused on the study of dynamic membrane processes from a quantitative point of view. We have a special interest in the mitochondrial membrane alterations during apoptosis. For further information see: <http://membranebiophysics.uni-koeln.de>. We are looking for a highly motivated, enthusiastic biophysicist or mitochondrial biologist at the Postdoc level for a project funded as part of the CRC1218: <https://sfb1218.uni-koeln.de/>

YOUR TASKS

- » Proteins of the Bcl-2 family are critical regulators of the mitochondrial pathway of apoptosis. Besides this function, evidence suggests that the Bcl-2 proteins have additional functions on several mitochondrial processes which, together with the molecular mechanisms involved, remain poorly understood. The main goal of your project will be to dissect the differential role of the Bcl-2 proteins in mitochondrial organization and function and to uncover the underlying molecular mechanisms.

YOUR PROFILE

- » Completed PhD studies
- » background in mitochondrial biology and/or cell death signaling
- » expertise in advanced light microscopy, including single molecule, FRAP/FRET/FCS and/or superresolution methods
- » strong background in image analysis and quantitative biology

WE OFFER YOU

- » a multidisciplinary and international environment
- » a diverse and fair working environment
- » support in reconciling work and family life
- » flexible working time models
- » extensive advanced training opportunities
- » occupational health management offers
- » local transport ticket at a discount for UoC employees

The position is available from now on a full-time basis. It is limited to two years with the possibility of extension. If the applicant meets the relevant wage requirements and personal qualifications, the salary is based on remuneration group 13 TV-L of the pay scale for the German public sector.

The University of Cologne is committed to equal opportunities and diversity. Women are especially encouraged to apply and will be considered preferentially in accordance with the Equal Opportunities Act of North Rhine-Westphalia (Landesgleichstellungsgesetz – LGG NRW). We also expressly welcome applications from people with disabilities / special needs or of equal status.

Please send your convincing application with proof of the sought qualifications by email (in one pdf-file) with the reference number Wiss2007-12 to garcia-office@uni-koeln.de.

The application deadline is 14.08.2020.