

# **Postdoctoral Researcher\* on omics data analyses of cellular senescence**

**The Institute for Biostatistics and Informatics in Medicine and Ageing Research** at the Rostock University Medical Center (Germany) seeks, starting 1. Sept 2019 or as soon as possible thereafter, a Full-time Postdoctoral Researcher (f/m/d) on omics data analyses of cellular senescence, for 3 years, with the possibility of a 2-year extension, subject to budgetary approval.

**Advertisement number: 259 N/2019**

Closing date for applications: 1.09.2019

## **Your tasks:**

- Analysis of the data of an in-depth biomarker study investigating the senescence-related molecular processes behind cancer and stroke, in human and mouse, to establish a biomarker kit
- Sequence data analysis, machine learning and data integration
- Analysis of transcriptomics, proteomics data, clinical chemistry, and questionnaire data
- Writing of scientific papers and applications, and contributions to joint papers and applications
- Qualification towards Habilitation (post-doctoral degree certifying research and teaching expertise)

## **Advantages for you:**

- A stimulating environment where your contribution has a real impact
- An exciting project, aiming at biomarkers for senotherapy
- Collaboration with experimental and clinical groups, marked by aiming at first/last authorships that count for your Habilitation

## **What you need to bring to the table:**

- Doctorate related to bioinformatics, or a research field in the medical/life/natural/mathematical sciences
- Programming/scripting skills, preferably including expertise in R
- Strong communication skills (oral presentations and in writing)
- (Nice to have): Biostatistics expertise (Cox hazard modeling; descriptive statistics)

If this describes you and your intentions then please send your application in a single PDF document, consisting of:

- CV
- Brief statement of research interests and qualifications
- Contact information for 2-4 scientists who may write a letter of recommendation

## **For further information:**

Prof. Dr. Fuellen, [bioinfo-jobs@med.uni-rostock.de](mailto:bioinfo-jobs@med.uni-rostock.de), +49 381-494-7360,  
Director of the Institute for Biostatistics and Informatics in Medicine and Ageing Research, Rostock.

The University of Rostock is an equal opportunity employer. To increase the number of women in research and teaching, female applicants are recommended to apply. Applicants with disabilities will be favoured if they are equally qualified.

According to the regulations of the Federal State of Mecklenburg-Vorpommern the cost of an application cannot be reimbursed.