

University Medicine Rostock (www.med.uni-rostock.de) is the maximum care hospital in the region of Rostock, a high potential growth region.

The **Albrecht-Kossel-Section for Translational Neurodegeneration at the Department of Neurology will be newly founded on the 01.01.2019** and is investigating the mechanisms of physiological and pathological aging as well as the pathophysiology of neurodegeneration. Aiming for the translation of innovative therapies into the clinical neurology, the main focus of the group is the application of human cell models of pathological aging (progeria infantilis and adultorum, down-syndrome), of adult neurodegeneration (ALS/FTD) and of juvenile neurodegeneration (chorea-acanthocytosis, Niemann pick type C, NCL). We want to combine the strategies of reducing pathological aging on the one side and the specific therapy of neurodegeneration on the other side. We are currently looking for a

Scientist (m/f/div) (Postdoc)

to start as soon as possible (01.01.2019), initially limited to 3 years as a full time position (39h/ week) paid according to TV-UMN.

Your tasks and perspective

The scientific focus of this position concerns modeling of pathological aging with the help of established progeria cell lines. By using robust biomolecular methods and cutting edge live cell imaging techniques the Scientist will unravel pathological implications, especially the modulating effects of resilience factors.

Requirements:

The successful candidate has a PhD in biological sciences or medicine with experience in molecular and cell biological techniques (human cell culture, PCR, transfection, western blot, immune fluorescence, live cell imaging) and disease models (iPSC, knock-in, knock-out and transgenic mice models). Publications and presentations in international peer reviewed journals and congresses are desirable. Experience with grant applications, patent applications as well as the instruction of lab personal including the supervision of students and PhD candidates, if applicable in the framework of an academic teaching activity, are advantageous. Written and spoken English language proficiency, knowledge of Word, Excel, PowerPoint, Fiji and biomedical statistics are mandatory.

What we have to offer:

Spatial, technical and personal prerequisites for innovative research using cutting edge techniques within a motivated and cooperative group, which is well connected with local, national and international groups and clinicians.

The unique opportunity to actively shape the newly founded Albrecht-Kossel Section. Possibilities to participate in further education courses, scientific meetings and habilitation are explicitly supported.

Please send your complete application with the above mentioned reference number until **30.10.2018** to **Universitätsmedizin Rostock, Personalabteilung, Postfach 10 08 88, 18055 Rostock, Germany** or by e-mail as a single PDF to bewerbung@med.uni-rostock.de.

For further information please contact:

Prof. Dr. Dr. Andreas Hermann (new head of the section from 1.1.2019);
andreas.hermann@ukdd.de; **current homepage www.als-dd.de**

Severely challenged persons will be, in line with the legal regulations, when similarly suited, treated preferentially. The application costs cannot be defrayed according to the applicable law of the state of Mecklenburg-Vorpommern.