

U N I K A S S E L V E R S I T Ä T

Folgende Stelle ist zu besetzen:

Department of Mathematics and Natural
Sciences

Institute of Biology
Division Microbiology
(Prof. Dr. Raffael Schaffrath)
as soon as possible

Research Assistant (EG 13 TV-H)

Part-time, 50% of regular working hours of a full employment position; temporary employment for 2 years which may be extended for 1 year (qualification position according to § 65 HHG with § 2 Abs. 1 Satz 1 WissZeitVG; Promotionsmöglichkeit).

Stellen-Nr. 21109123

Kennziffer: 30192

Specification

Scientific work and research within the interdisciplinary research program 'Phosphoregulation of Biomolecules: from Mechanisms to Organisms (PhosMOrg)', in which the biological relevance of phosphomodifications in organisms will be investigated from a structural, molecular and functional point of view. In this project led by the Division of Microbiology, yeast models will be used to study the regulation of tRNA anticodon modifications by protein kinases and the impact phosphorylation has on mRNA translation and protein biosynthesis (for further details, see below). Apart from applying state of the art molecular & biochemical methodologies to analyse protein/RNA interactions and consequences, the successful candidate is expected to contribute to teaching services in interdisciplinary courses in the study programs (BSc/MSc biology and nanoscience).

Anforderungsprofil:

University certificate at the level of Master or Diploma (MSc/ Dipl-Biol) in the Life Sciences (Biology, Biochemistry, Nanoscience). Experiences with yeast model systems and the following will be advantageous:

- Molecular manipulation of the yeast genome (gene deletions, epitope-tagging) and biochemical identification of gene products
- Genetic & biochemical technique(s) for the analysis of protein phosphorylations and/or protein-RNA interactions
- Expression/purification of recombinant proteins from bacteria
- Gene conservation/shuffling between lower & higher eukaryotes
- Teaching students (BSc/MSc Biology and nanoscience)
- Multimedia presentation of scientific data
- Proficiency in English as a Science Language

For further information, please contact Prof. Dr. Raffael Schaffrath, Tel. +49(0)561/804- 4175, E-Mail: schaffrath@uni-kassel.de

Deadline of announcement: 14.04.2017

The University of Kassel is an equal opportunity employer and aims at a clear increase of the proportion of women in research and teaching. Qualified women are therefore expressly requested to apply. Under the precondition of equal qualification, disabled persons will be preferred. Applications indicating the Position Number, which may be in digital form, should be sent to the President of the University of Kassel, 34109 Kassel, Germany or bewerbungen@uni-kassel.de.