



Entry date:
as soon as
possible



Application
deadline:
2023-02-19



Salary:
E 13 TV-H



Duration:
3 years



Volume of
employment:
65 %

The Philipps University, founded in 1527, offers multiple award-winning teaching for around 22,000 students and tackles the important issues of our time with excellent research across a broad spectrum of science.

The Bioinformatics core facility of Dr. Lechner at the Center for Synthetic Microbiology (SYNMIKRO) is currently accepting applications for a

Research assistant (doctoral researcher)

The position is offered for a period of 3 years, if no former times of qualification must be considered. The starting date is as soon as possible. The position is part-time (65 % of regular working hours) with salary and benefits commensurate with a public service position in the state Hesse, Germany (TV-H E 13, 65 %).

Tasks:

- scientific services in research and teaching
- development of bioinformatic methods for the analysis of the evolution of proteins in prokaryotes
- extension of the software tool Proteinortho for the prediction of homologous genes by integration of structural information and gene expression data
- development of an evolutionary model for the mapping of horizontal gene transfer as well as fusion and fission of genes, among others
- experimental validation of the results in the laboratory
- participation in technical-infrastructure projects

The position is limited to a time period deemed adequate for the completion of a doctoral degree. As part of the assigned duties, there will be ample opportunity to conduct the independent scientific research necessary for the completion of a doctorate. The limitation complies to § 2, 1 WissZeitVG.

Profile:

- MSc-degree or equivalent in bioinformatics, computer science, biochemistry, biology or related areas
- experience in working with Linux-based systems and at least one programming language (e.g. R, Python, Perl)
- basic understanding of molecular biology
- good command of written and spoken English

Disposition to own scientific qualification (e.g. a doctorate project in the area of biology or bioinformatics) is expected.

We actively support the professional development of junior researchers, e.g. by the offers of Marburg Research Academy (MARA), the International Office, the Higher Education Didactics Office and the Human Resources Development Office.

Contact for further information

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We support women and strongly encourage them to apply. In areas where women are underrepresented, female applicants will be preferred in case of equal qualifications. As a certified family-friendly university, we support our employees in balancing family and career. A reduction of working time is possible. Applicants with a disability as described in SGB IX (§ 2 Abs. 2, 3) will be preferred in case of equal qualifications. Application and interview costs cannot be refunded.

Please send your application mentioning registration number above until February 19th 2023 as a single PDF file to jobs@synmikro.uni-marburg.de.

