Saarland University is a campus university that is internationally recognized for its strong research programmes. Fostering young academic talent and creating ideal conditions for teaching and research are a core part of the university’s mission. As part of the University of the Greater Region, Saarland University enables students and staff to share and exchange knowledge and ideas between disciplines, between universities and across borders. With over 17,000 national and international students, studying more than a hundred different academic disciplines, Saarland University is a diverse and dynamic learning environment. [Saarland University is officially recognized as one of Germany’s family-friendly higher-education institutions and with a combined workforce of more than 4,000 it is one of the largest employers in the region.]

The research group for Drug bioinformatics is inviting applications for the following position commencing at the earliest opportunity.

**Academic research assistant (m/f/x)**

*Reference number W1870*, salary in accordance with the German TV-L salary scale\(^1\), pay grade: 30 months, extension planned, employment: 75 % of standard working time.

**Workplace/Department:**
Your workplace will be in the group of Prof. Dr. Olga Kalinina in cooperation with the Helmholtz Institute for Pharmaceutical Research Saarland (HIPS). The project aims to develop a novel therapeutic approach to treat infections of the lung by the rational application of therapeutic microorganisms as living material. Bioinformatic analysis of metagenomic data of patients with lung disease and health are used to identify beneficial commensal bacterial and resistance mechanisms of pathogens. The project will be conducted in cooperation with the University Clinic Saarland (department of Prof. Dr. Robert Bals) and the Leibniz Institute for New Materials (department of Prof. Dr. Aránzazu del Campo Bécares) and other groups at HIPS (department Prof. Dr. Rolf Müller). The research in the framework of this project may serve as a basis for obtaining a PhD degree.

**Job requirements and responsibilities:**
- Bioinformatics analysis of metagenome data
- Implementation of novel analysis tools to identify beneficial commensal bacterial and resistance-associated markers in these data
- Communication with project partners
- Writing reports and scientific papers

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\(^1\) TV-L = collective agreement on remuneration of public sector employees in the German Länder

The pay grade assigned to an employee depends on their professional qualifications and the number of years of service. Each pay grade is further subdivided into levels. Entry-level employees with no previous experience will initially be assigned a level 1 rating. After one year at level 1 of the E10 pay grade, an employee will move up to level 2. After a further two years, the employee will move to level 3, etc.
Your academic qualifications:
• Completed scientific university studies in bioinformatics, computer science, biology or any relevant field (master degree or equivalent).

The successful candidate will also be expected to:
• Have knowledge of major bioinformatics methods, tools and databases
• Have programming experience in at least one of the following languages: Python, C/C++, Java, Perl
• Proficient English language skills
• Advantageous for this position: Familiarity or previous experience with metagenome analysis

What we can offer you:
• A flexible work schedule allowing you to balance work and family
• A broad range of further education and professional development programmes
• An occupational health management model with numerous attractive options, such as our university sports programme
• Supplementary pension scheme (RZVK)
• Discounted tickets on local public transport services (‘Jobticket’)

We look forward to receiving your (written) application. Please quote reference number W1870 when applying.
Applications must be received by no later than 01 June 2021 and should be sent to the following address (by email):

Universität des Saarlandes
Frau Prof. Dr. Olga Kalinina
Drug bioinformatics

Email: olga.kalinina@uni-saarland.de

If you have any questions, please contact us for assistance. Your contact:
Frau Prof. Dr. Olga Kalinina
olga.kalinina@uni-saarland.de
Tel.: +49-681-98806-3600

In accordance with the objectives of its equal opportunities plan, Saarland University seeks to increase the proportion of women in this field. Qualified women candidates are therefore strongly encouraged to apply. Preferential consideration will be given to applications from disabled candidates of equal eligibility. The successful candidate has the option of choosing to work part-time in this position.

Pay grade classification is based on the particular details of the position held and the extent to which the applicant meets the requirements of the pay grade within the TV-L salary scale.

When you submit a job application to Saarland University you will be transmitting personal data. Please refer to our privacy notice for information on how we collect and process personal data in accordance with Art. 13 of the Datenschutz-Grundverordnung. By submitting your application you confirm that you have taken note of the information in the Saarland University privacy notice.