



UNIVERSITY
OF COLOGNE



Foto: Jörn Henn

RDM Software Development Expert (f/m/x)

Collaborative Research Centre 1403 (CRC 1403)

We are one of the largest and oldest universities in Europe and one of the most important employers in our region. Our broad range of subjects, the dynamic development of our main research areas and our central location in Cologne make us attractive for students and researchers from around the world. We offer a wide range of career opportunities in science, technology, and administration.

The CRC 1403 (<https://sfb1403.uni-koeln.de/>) is a Collaborative Research Centre studying cell death in immunity, inflammation and disease. As part of a special information management project (INF), we want to support the researchers in their specific data- and computer-related needs. A particular focus of this project will be the development of a platform for the consortium and the further analysis of research data.

YOUR TASKS

- » Establish and operate tailored platforms for the analysis and publication of big data sets including imaging and sequencing data
- » Design, implement and maintain databases for research data
- » Create and support platforms for various data sources, including HPC pipelines, data analysis, transfer and archiving
- » Data platform and server administration, workflow integration and user support
- » Develop and implement AI-supported systems and machine learning-based solutions for data analysis
- » Establish automated quality assessment procedures
- » Regular communication with the Regional Computing Centre of the University of Cologne (RRZK/ITCC) to act as an interface between the researchers and the infrastructure units ensuring efficient solutions

YOUR PROFILE

- » PhD or equivalent qualification in informatics, bioinformatics, biology, medicine or a related discipline
- » Experience in the analysis of big data including sequencing data, preferably also imaging data
- » Experience in setting up and operating IT systems in a professional environment
- » Experience with machine learning techniques and algorithms
- » Strong interest in research data management and open science
- » Excellent communication skills, especially in scientific and interdisciplinary contexts

- » Preferably basic system administration skills
- » High degree of self-initiative and individual responsibility
- » Fluent in written and spoken English

WE OFFER

- » A diverse working environment with equal opportunities
- » Support in balancing work and family life
- » Extensive advanced training opportunities
- » Occupational health management offers
- » Flexible working time models
- » Opportunity to work remotely

The University of Cologne promotes equal opportunities and diversity. Women will be considered preferentially in accordance with the Equal Opportunities Act of North Rhine-Westphalia (Landesgleichstellungsgesetz – LGG NRW). We also expressly welcome applications from all suitable candidates regardless of their gender, nationality, ethnic and social origin, religion, disability, age, sexual orientation and identity.

The position is available immediately on a full-time basis (39,83 hours per week). The position is to be filled for a fixed term until 31.12.2027. If the applicant meets the relevant wage requirements and personal qualifications, the salary will be based on remuneration group 13 TV-L of the pay scale for the German public sector.

Please apply online with proof of the required qualifications without a photo under: <https://jobportal.uni-koeln.de>. The reference number is Wiss2407-20. The application deadline is 03.09.2024.

For further inquiries, please contact Dr Emmi Wachsmuth (sfb1403-office@uni-koeln.de).



HR EXCELLENCE IN RESEARCH