



UNIVERSITY
OF COLOGNE

Faculty of Mathematics and Natural Sciences

RDM Software Development Expert (f/m/x)

Collaborative Research Center 1403 (SFB 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 SFB 1403 (<https://sfb1403.uni-koeln.de/>), a collaborative research center with the focus on cell death in immunity, inflammation and disease, aims to support their scientists in their specific data- and computation-related needs in a specific INF project. Within this project a particular focus will be on platform development for the consortium and further analysis of research data.

YOUR TASKS

- » The RDM Software Development Expert (f/m/x) will be responsible for OMERO-Open: server administration, workflow-integration, user management and data protection
- » The RDM Software Development Expert (f/m/x) will establish data management platforms and databases, e.g. for tissue samples
- » The RDM Software Development Expert (f/m/x) will focus on AI development: Investigation of the use of existing AI-supported models including LLMs. Furthermore new models should be developed and automated quality-assessment procedures should be established.
- » For these tasks the RDM Software Development Expert (f/m/x) will communicate regularly with the university's IT support (RRZK/ITCC) to act as an interface between the researchers and the infrastructure units to ensure efficient solutions.

YOUR PROFILE

- » A PhD degree in informatics, bioinformatics, biology or a related discipline
- » Experience with large (biological) data sets
- » Experience in FAIR data management
- » Excellent communication skills and experience in interdisciplinary communication
- » Good programming skills
- » Preferably knowledge of key bioinformatics pipelines
- » Preferably experience in database design and management
- » Preferably experience with ontologies and semantic modeling

- » Preferably basic systems administration skills
- » High degree of self-initiative and individual responsibility
- » Fluency in English, both spoken and written

WE OFFER

- » A diverse working environment
- » Support in reconciling work and family life
- » Extensive advanced training opportunities
- » Occupational health management offers
- » Flexible working time models, full-time positions suitable for job sharing
- » Opportunity to work remotely

The University of Cologne is committed to equal opportunities and diversity. Women are especially encouraged to apply and will be considered preferentially in accordance with the Equal Opportunities Act of North Rhine-Westphalia (Landesgleichstellungsgesetz – LGG NRW). We also expressly welcome applications from people with disabilities / special needs or of equal status.

The position is available immediately on a full-time basis (39,83 hours per week). The contract is for a fixed term to 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 Wiss2402-20. The application deadline is 21.04.2024. For further inquiries, please contact Dr. Emmi Wachsmuth (sfb1403-office@uni-koeln.de).



HR EXCELLENCE IN RESEARCH