Would you like to contribute to digital solutions in research data management (RDM) for a sustainable bioeconomy?

Work with us in the field of Systemic Microbiology at the Institute of Bio- and Geosciences - Biotechnology (IBG-1) on the digitalization in the field of molecular and applied microbiology around the research and development of microbial cell factories and biocatalysts. The main objectives are a systemic molecular understanding and the development of microbes as biocatalysts for the production of industrially or pharmaceutically relevant products from renewable carbon sources using metabolic engineering, synthetic biology and high-throughput screening technologies. This research generates digital data, particularly in the areas of genomics, transcriptomics, proteomics, metabolomics and phenotyping of microbial strains.

Join us and contribute to the implementation and further development of FDM in these areas of knowledge-based bioeconomy research.

We are looking to recruit a

**Research Data Manager**

**Your Job:**
One of the current challenges in research data management (RDM) is to capture various data streams and metadata from experiments, analyses and documentation as completely as possible using digital workflows and to merge them into future-proof data infrastructures in accordance with the FAIR principles. Building on this, AI/ML-based applications should also be used where possible.

- Development, setup and documentation of specific digital workflows (genomics, transcriptomics, ...) according to the respective requirements for the management of measurement and metadata according to the FAIR principles
- Technical support and assistance for scientists and technicians in using the new research data workflows and infrastructures
- Creation of instructions for users

We look forward to receiving your application until 04.08.2024 via our Online-Recruitment-System!
Questions about the vacancy?
Get in touch with us by using our contact form.
Please note that for technical reasons we cannot accept applications via email.
www.fz-juelich.de
• Assistance in the preparation of project reports
• Collaborating with dedicated scientific and technical staff
• Integrating existing data into the new research data infrastructures
• Database and website programming
• AI/ML applications

Your Profile:
• University degree (Master), ideally followed by a PhD, in data science, computer science, bioinformatics, genomics, engineering or related fields with relevant and proven experience
• Very good knowledge of at least one (scripting) language/development environment (e.g. Python, Perl, Qt) and data processing software (e.g. Excel, R)
• Further programming knowledge and experience with databases, websites and GitLab/GitHub
• Experience with AI/ML applications
• Strong willingness and ability to collaborate with researchers in the field
• Very good written and spoken German and English skills
• Strong writing and communication skills
• Strong interest in biology and molecular microbiology
• Knowledge of data/document management software
• High motivation to successfully complete tasks and achieve goals
• Friendly demeanor, efficient and reliable working style, and enjoy working in a team

Our Offer:
We work on the very latest issues that impact our society and are offering you the chance to actively help in shaping the change! We support you in your work with:
• A large research campus with green spaces, offering the best possible means for networking with colleagues and pursuing sports alongside work
• Comprehensive training courses and individual opportunities for personal and professional further development
• Extensive company health management
• Ideal conditions for balancing work and private life, as well as a family-friendly corporate policy
• Flexible work (location) arrangements, e.g. partly remote work
• Targeted services for international employees, e.g. through our International Advisory Service
• Ideal conditions for balancing work and private life, as well as a family-friendly corporate policy
• Flexible working hours in a full-time position (39 hours/week) with the option of slightly reduced working hours
• 30 days of annual leave and provision for days off between public holidays and weekends (e.g. between Christmas and New Year)

We offer you an exciting and varied role in an international and interdisciplinary working environment. The position is limited until 31.12.2025. Salary and social benefits will conform to the provisions of the Collective Agreement for the Public Service (TVöD-Bund), pay group 13, depending on the applicant’s qualifications and the precise nature of the tasks assigned to them.

We welcome applications from people with diverse backgrounds, e.g. in terms of age, gender, disability, sexual orientation / identity, and social, ethnic and religious origin. A diverse and inclusive working environment with equal opportunities in which everyone can realize their potential is important to us.
In addition to exciting tasks and a collaborative working atmosphere at Jülich, we have a lot more to offer: https://go.fzj.de/benefits