UNIVERSITY OF COLOGNE

Postdoctoral Researcher (f/m/x) – Computational Biology

Institute for Plant Sciences/CEPLAS

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 "Metabolic Reconstruction and Flux Modeling" group at the Institute for Plant Sciences and the Cluster of Excellence on Plant Sciences (CEPLAS) uses computational tools to study plant metabolic networks and their interactions and works closely with experimental labs.

YOUR TASKS

» You will be responsible for developing a multi-scale modelling framework to study the adaptive potential of the ecological performance in *A. thaliana*.
» You will communicate closely with colleagues and collaboration partners.
» You will present your results at conferences and in scientific articles.
» You will be engaged in writing independent research proposals.
» You will be involved in the supervision training and teaching of students.

YOUR PROFILE

» PhD in Physics, Mathematics, Computational Biology or a related discipline
» Experience in modelling metabolic networks or other physiological and physical processes
» Excellent programming skills
» Knowledge in plant physiology
» High degree of self-initiative and individual responsibility
» Excellent oral and written communication skills in English

WE OFFER

» Participation in a stimulating, dynamic, international, enthusiastic and collegial team
» 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 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 to be filled for a fixed term until 31.12.2025 with option to extend. 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 Wiss2402-25. The application deadline is 02.05.2024.
For further inquiries, please contact Professor Dr Nadine Töpfer (ntoepfer@uni-koeln.de).