Scientific-Technical Employee (staff scientist) at Jagiellonian University (f/m/d)

Location:
Kraków (Poland)
Salary:
Monthly salary of 9000-13000 PLN gross, depending on experience

Description of the Centre

The Dioscuri Centre for Modelling of Posttranslational Modifications is a partner group of the Theoretical Biophysics Department at the Max Planck Institute of Biophysics. While group is based in Poland, it maintains strong connections with the Institute of Biophysics and the Max Planck Society.

Description of the position:

The Centre is looking for a talented individual with a strong IT background and interest in computational biophysics. Our group focuses on computational biophysics approaches to understand the role of post-translational modifications in protein-protein interactions. The successful candidate will participate in the research of the Centre and pursue own projects, publish, attend conferences, and engage in a collaborative environment of the Institute. Key technical responsibilities include maintaining our local Linux-based computing infrastructure (including HPC cluster) and assisting with the configuration of local services (e.g. GitHub, Jupyter, and local wiki).

We offer stimulating and open work environment, multi-national and multi-disciplinary team, close collaboration and access to the resources of the Max Planck Computing and Data Facility in Garching, Germany, numerous social benefits.

Requirements:

Master's degree or higher in computer science, physics, biophysics or related fields,
Documented experience in Linux system administration, automation and/or DevOps,
Programming and scripting experience,
Interest in a hybrid research-IT role, willingness to publish and present results in scientific journals and conferences.

Preferable experience:

- managing Linux-based GPU computer clusters and workstations,
- basic knowledge of classical molecular dynamics (MD) methodology and software skills,
- scientific software, tools, and programming languages commonly used in computational biophysics (e.g., GROMACS, AMBER, CHARMM, Python),
- molecular docking experience is a plus,
- knowledge of job schedulers (Slurm), parallel filesystems (Lustre), HPC Networks (Infiniband)**.**

Applications should include a motivation letter, curriculum vitae and contact to two referees.
For details of the application, please see:
https://mcb.uj.edu.pl/en_GB/oferty-pracy/-/journal_content/
56_INSTANCE_WbR3ltHEfYue/150912362/155203937

Further information may be obtained from Dr. Mateusz (Matt) Sikora, (mateusz.sikora@uj.edu.pl), Group leader, Dioscuri Centre for Modelling of Posttranslational Modifications at Jagiellonian University.

The Malopolska Centre of Biotechnology and the Dioscuri Centre strive to ensure a workplace with equal opportunities. We celebrate diversity and are committed to creating an inclusive environment for all members irrespective of gender, nationality or disabilities.

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