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Małopolskie
Centrum
Biotechnologii

Announcement for the position of Scientific-Technical Employee (staff scientist) at the Jagiellonian University

Location

Kraków (Poland)

Closing date

28th-Feb-2024

Scientific-Technical Employee (staff scientist)

The Dioscuri Centre for Modelling of Posttranslational Modifications 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).

Additional requirements and expectations:

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,
Fluent proficiency in spoken and written English.

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).

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.

Required application documents:

1. Curriculum vitae with motivation letter.
2. Contact information for two referees.
3. Personal questionnaire filled in by the candidate.

Declaration forms and personal questionnaire templates can be obtained at:

https://cso.uj.edu.pl/en_GB/nienauczyciele

Form of submission: by e-mail to the address mateusz.sikora@uj.edu.pl: title: Announcement for the position of Scientific-Technical Employee (staff scientist) – Dioscuri”

Adres:
Gronostajowa 7a,
30-387 Kraków



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Position: Scientific-Technical Employee (staff scientist)

Unit: MCB UJ

Announcement date: 26.01.2024

Application submission deadline: 28.02.2024

Announcement of results planned date: 13.03.2024

Terms of Employment:

Fixed-term employment contract

Working time: full time

The planned duration of employment: 4+ years

Planned start of work: First quarter of 2024

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 Małopolska Centre of Biotechnology and the Dioscuri Centre strive to provide equal job opportunities. We celebrate diversity and aim to create an inclusive environment for all team members, regardless of gender, nationality, or disabilities.

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