



A MSc student position in computational biology available from June 2024 in the project founded by National Science Centre entitled *Ancestral traits and genomic innovations in early diverging fungi - implications for mucormycosis* lead by Anna Muszewska.

The main idea of our project is to describe how different groups of fungi cope with their environments and find the genomic features which separate one type of fungi from the other. We will navigate the fungal tree of life keeping in mind that different branches of the tree group organisms living in different ways. During this journey, we will look for genes and groups of genes related to metal tolerance. We will describe which genes are present in evolutionarily old fungi (Mucoromycotina/Mortierellomycotina) and which are absent in modern fungi and mammals.

Requirements

The successful applicant should:

- hold a BSc degree (or equivalent) in Biology, Computer Science, Biotechnology, Bioinformatics or will be close to obtain it;
- have fluency in spoken and written English;
- have basic bioinformatic skills (Python, R), Linux, protein sequence analysis, biochemistry, protein structure
- be enthusiastic about nature, ecology, evolution and problem solving
- be well organized, eager to learn and ready to assimilate literature

Our offer

- Participation in courses and conferences;
- Stipend for 14 months (1500 PLN gross per month);

The application must include

- Curriculum vitae,
- Motivation letter,
- At least one recommendation letter and contact details of the referee/s,

Applications with a “*MSc applicant - NCN*” tag are welcome at musze@ibb.waw.pl

Application submission deadline: April 8, 2024

Selected candidates will be invited to an on-line interview in English.

The competitive selection process will be concluded by April 25, 2024.

During the recruitment process, the Institute of Biochemistry and Biophysics follows the principles set out in the European Charter for Researchers.

All applications must contain the following statement to allow us process your data: "I hereby give consent for my personal data included in the job offer to be processed for the purposed recruitment under the Data Protection Act 1997 (Dz. U. 2002 no. 101, item 926 with subs. changes)."