



JAGIELLONIAN UNIVERSITY
IN KRAKÓW

INFORMATION ON THE COMPETITION

DIRECTOR
OF MAŁOPOLSKA CENTRE OF
BIOTECHNOLOGY

Address: ul. Gronostajowa 7A,
30-387 Krakow
Tel. / fax.: 12 663 53 69

Krakow, June 17th 2020

DIRECTOR
OF MAŁOPOLSKA CENTRE OF BIOTECHNOLOGY
announces a competition for
a STUDENT RESEARCHER
in
PROGRAMMABLE PROTEIN ENGINEERING
(NCN Maestro – NZ)
at the Bionanoscience and Biochemistry Laboratory

The bionanoscience and biochemistry laboratory is recruiting a masters student for a fully-funded position with a duration of up to two years. The successful candidate will study towards their master's degree while working with a dedicated and motivated team working at the frontiers of protein nanoscience developing new protein structures based on our recent discoveries published in *Nature* (<https://doi.org/10.1038/s41586-019-1185-4>). You will develop work on a project developing and filling programmable protein cage structures cargo molecules, contributing to the production of smart medical protein nanorobotics. You will learn relevant techniques of protein production and design as well as cell biology with the option to also learn some structural biology techniques, particularly cryo-EM.

Who can apply

The ideal candidate should fulfill the following criteria:

- Possess at least an undergraduate degree in molecular biology, structural biology, biochemistry or related areas.
- Be motivated to study protein bionanoscience
- Have excellent written and oral communication skills in English.
- Have good skills of work management and experimental record keeping.
- Able to work across disciplines and be willing to gain expertise in new areas.
- Able to work collaboratively

Registration on a master's course is not necessary at the point of application

Our offer

- A monthly stipend of 1,000 PLN/month for up to 24 months
- Professional supervision and mentorship throughout your Masters degree studies
- Dedicated laboratory space and cutting edge experimental equipment necessary to carry out the project at the highest level
- Opportunity to become a valued member of an ambitious international team
- Opportunity to present your work at conferences

How to apply

The candidate should submit the following documents (in English) to the Malopolska Centre of Biotechnology office, Krakow ul. Gronostajowa 7A, room 3/12 or electronically via email: jonathan.heddle@uj.edu.pl, applications should be marked “MaestroMaster-Hedd1”

- Motivation letter
- Curriculum vitae
- A copy of degree certificates (undergraduate degree, equivalent)
- Contact details of two referees including a former project supervisor or academic mentor
- Signed agreement for processing personal data (available here: <http://www.heddlelab.org/images/Personal%20data%20NCN.pdf>)

Competition commencement date: *June 17th 2020*

Applications can be filed till: *08:00 (local Polish time) Friday July 17th 2020*

Decision regarding competition settlement shall be made by *August 1st 2020*.

Position start date: On or soon after October 1st 2020

Jagiellonian University does not provide housing.

Director of Małopolska Centre of Biotechnology