



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 16th 2020

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

The bionanoscience and biochemistry laboratory is recruiting a doctoral student for a fully-funded position with a duration of up to four years. The successful candidate will work 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 new ways of filling programmable protein cage structures with therapeutically useful molecules, ultimately building 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 master, master of engineer or equivalent degree in molecular biology, structural biology, biochemistry.
- 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 to Doctoral School of Exact and Natural Sciences is required to be accepted for a position, for more information please visit the webpage: <https://science.phd.uj.edu.pl/start> we will also send more detailed information to the applicants directly.

Our offer

- Attractive student scholarship for up to 48 months
- Professional supervision and mentorship throughout your PhD studies
- Dedicated laboratory space, office 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 international conferences
- Prospect of collaboration with a promising start-up company in a closely related area of bionanoscience

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 “MaestroPhD-Hedd2”

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

More detailed information how to apply to **Doctoral School of Exact and Natural Sciences** will be sent to you upon receipt of your application.

Competition commencement date: *June 16th 2020*

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

Stage 1 interview: *July 17th, 20th 2020 (please keep these dates open)*

Stage 2 interview (MCB doctoral school): *July 23th or 24th (please keep these dates open)*

Notification of results: *July 28th - 29th*

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

Jagiellonian University does not provide housing.

Director of Małopolska Centre of Biotechnology