



JAGIELLONIAN UNIVERSITY  
IN KRAKÓW

## **INFORMATION OF THE COMPETITION**

**DIRECTOR  
OF MAŁOPOLSKA CENTER OF  
BIOTECHNOLOGY**

Address: Gronostajowa 7A,  
30-387 Krakow  
Phone no. / fax.: 12 663 53 69

02.07.2020, Krakow

**RECTOR  
of the Jagiellonian University**  
announces competition for the position of  
**ASSISTANT RESEARCHER**

in the Bionanoscience and Biochemistry Laboratory  
at MAŁOPOLSKA CENTER OF BIOTECHNOLOGY  
**within the scope of protein engineering**

We are now recruiting a scientist in our research team to develop a new method for production of difficult-to-express proteins through engineering of self-assembling protein cages. The project offers you the opportunity to gain experience in **laboratory evolution**, a most powerful approach to endow proteins with user-defined function, as well as in **protein cage-based technology**, a hot research topic fueled by prospective applications in catalysis and medicine. You will be mentored by Dr. Yusuke Azuma, (<https://www.azumag.com/>) as a member of the prof. Jonathan Heddle's laboratory, located at the Małopolska Center of Biotechnology in the beautiful city of Krakow, Poland.

### **Who Can Apply:**

This assistant researcher post is for a person who fulfils requirements stated in the Article 113, 116 (2) (4) of the Act of 20<sup>th</sup> July 2018 Law on higher education and science of Poland, and who holds a master, master of engineer, or equivalent degree with an outstanding, high grade master/doctoral thesis, evaluated by academic tutors.

More specific criteria to peruse the project and to join the research team are the following:

1. highly motivated to pursue protein engineering project
2. have at least 4-year experience in scientific/laboratory work, preferably in directed evolution of proteins
3. have background studies in one of the fields related to this project, e.g. molecular biology, biochemistry, biophysics, structural biology, cell biology and chemical biology.
4. published at least one scientific article in a peer-reviewed journal as the first author.  
(If you have a special reason not to have a publication, e.g. long-term reviewing process, patent application, etc., please mention it in the application.)
5. have self-development attitude to establish his/her scientific career in a relative scientific realm
6. can cooperatively work with the colleagues in the institutes
7. can teach experimental techniques to students
8. proficient in spoken and written English.

### **Our Offer:**

- Full time position
- Access to the basic and modern research instruments for molecular biology and nanotechnology (spectrometers, dynamic light scattering, chromatography pump system, transmission electron microscopy, confocal microscopy, fluorescent-activated cell sorting, etc.)
- Opportunities to present your work in international conferences
- Ability to join an international and dynamic group of researchers
- Excellent training: In our diverse group you will be able to network with international researchers, experience about new skills including in DNA origami design, enzyme biochemistry, structural biology, protein design etc.
- Discounted membership of sports facilities ("Multisport", <https://www.benefitsystems.pl/en/for-you/multisport/>)
- Subsidized social events (theater tickets, hotels etc)

**How to Apply:**

Send applications (as PDF file, written in English and using at least 11 pt font size) directly to the project leader, Dr. Yusuke Azuma ([yusuke.azuma@uj.edu.pl](mailto:yusuke.azuma@uj.edu.pl)). Applications should be marked "Opus\_PD" and include the followings:

- A. Application (motivation letter), describing why you want to join our group and what you can bring to us
- B. Curriculum vitae
- C. Brief description of your previous work (up to 2 pages)
- D. List of publications (If not available, provide the justification)
- E. Copy of the certificate for your highest academic degree, e.g. master or doctoral degree.
- F. Contact details of two referees including a former supervisor.

The applicant are also required to fill in the following formats, sing them, and send the photocopies to the project leader. You can download the formats through the website:

<http://www.dso.uj.edu.pl/druki-do-pobrania/dokumenty-dla-kandydatow-pracownikow>

- G. Personal questionnaire (Kwestionariusz osobowy dla pracownika)
- H. Statement declaring that Jagiellonian University will be the basic place of employment in the case of being employed in the competition procedure. (Oświadczenie o miejscu pracy)
- I. Statement in accordance with the Article 113 of the Act Law on higher education and science of Poland. (Oświadczenie w trybie art. 113 ustawy z dnia 20 lipca 2018 Prawo o szkolnictwie wyższym i nauce)
- J. Statement regarding acquaintance and acceptance of intellectual property rules as well as legal protection of intellectual property. (Oświadczenie o własności intelektualnej)
- K. Information regarding personal data processing. (Informacja o przetwarzaniu danych osobowych)

If applicable, please also provide the following documents:

- L. Information regarding classes taught by a candidate
- M. Form of the latest interim evaluation (okresowej oceny)

**Important Dates:**

Competition commencement date: 2<sup>nd</sup> July 2020

Applications deadline: **14<sup>th</sup> August 2020**

Decision of the competition shall be made by 11<sup>th</sup> September 2020

The project starting date: 1st October 2020, or as soon as possible thereafter

Should you have any questions about the criteria and application, please contact to [yusuke.azuma@uj.edu.pl](mailto:yusuke.azuma@uj.edu.pl). Jagiellonian University does not provide housing.

On the basis of authorisation  
of the Rector of the Jagiellonian University  
Director of Małopolska Centre of Biotechnology