



UNIwersytet JAGIELLOŃSKI
W KRAKOWIE

**DIRECTOR
OF MAŁOPOLSKA CENTRE OF
BIOTECHNOLOGY**

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

Krakow, 14/09/2020

**DIRECTOR
OF MAŁOPOLSKA CENTRE OF BIOTECHNOLOGY**

at Jagiellonian University
announces a competition for a Doctoral Student Scholarship
in the Plant Molecular Biology Laboratory
within the scope of Molecular Biology
(project Sonata 15, National Science Centre)

The Plant Molecular Biology Laboratory offers a possibility for one student to complete a Ph.D. Programme in Biomedical Sciences in the Doctoral School. The scholarship for this position will be covered from a research project, lasting for up to 3 years. The successful candidate will be involved in the research project titled: Molecular insight into the mechanism of micro-autophagy in land plants. Autophagy is now a popular keyword, but have you ever heard of "micro-autophagy"? The analysis of micro-autophagy in plants has just started in the world. We are looking for a student who can help us to understand the molecular mechanisms of micro-autophagy by using bioimaging, genetic and cell biology analysis in the model plant *Arabidopsis*.

The competition will take place as part of the recruitment for the Biomedical Sciences Programme under a special competition procedure, organized together with the Doctoral School of Exact and Natural Sciences of the Jagiellonian University.

The ideal candidate should:

- 1) Possess at least a master's degree in Molecular Biology, Botany or similar field
- 2) Have experience with molecular biological experiment, genetics in plants
- 3) Have strong experience with molecular biology and cell biology (Techniques of DNA, RNA and protein extraction, PCR, qPCR and western blotting).
- 4) Have experience with molecular biological analysis in a model plant *Arabidopsis thaliana* would be an advantageous
- 5) Have good communication and writing skills in English
- 6) Have good knowledge of molecular biology and cell biology and motivation for experimental works
- 7) be registered (or expect to be registered) as a PhD student on the start date of the position

Before applying for a Doctoral Student Scholarship, please contact the project manager, **Dr. Shino Yamada**, e-mail: shino.yamada@uj.edu.pl

Our offer:

- A monthly scholarship is 3 814.35 PLN per month gross gross for first 24 months and it will be increased and extended based on the evaluation of progress (total maximum duration: 48 months).
- Professional supervision and mentorship throughout your doctoral thesis
- Opportunity to present your work at conferences
- Opportunity to join an international and dynamic group of researchers

How to apply:

Recruitment to grant funded positions is handled by Doctoral School. The candidate should submit the following documents to Magdalena Pisarczyk via email: grant_biomed@uj.edu.pl titled: Molecular insight into the mechanism of micro-autophagy in land plants", include the followings:

- 1) curriculum vitae with a special emphasis on academic achievements;
- 2) a motivation letter, explaining how the applicant's background and research interests make them a suitable candidate for the position
- 3) list of academics who can write reference letters – list of no less than two research fellows or other persons with significant scientific achievements
- 4) documents confirming academic achievements outlined in the curriculum vitae, e.g. first page of a paper, references after completion of an internship, scholarship award diploma etc.;
- 5) documents confirming studies results – diploma supplement, or the official transcript, or, if they do not have these documents, scan of the grade book or of another document listing completed courses and grades.
- 6) Signed agreement for processing personal data (format available on the MCB website)

Each document issued in a language other than Polish or English has to be enclosed with a certified translation into Polish or English.

Competition commencement date:

Interviews for the Biomedical Sciences programme will take place in October:

Start of registration: 17.09.2020

End of registration: 01.10.2020 (12:00)

Entrance exams: 08.10.2020

Announcement of results: 12.10.2020

Entries: 13-16.10.2020 (excluding August)

The entries from the reserve lists: 19-21.10.2020

Director of Malopolska Centre of Biotechnology