



## PhD student position in the Laboratory of Cellular Proteostasis

The Laboratory of Cellular Proteostasis <https://shorturl.at/octlf> at the International Institute of Molecular and Cell Biology in Warsaw, headed by Lidia Wróbel, PhD, is looking for a **PhD student**.

You will join the project entitled “Subcellular localization and function of the ubiquitin-proteasome system in aging and neurodegeneration” carried out as the Sonata Bis grant (2024/55/B/NZ1/02607) of the National Science Centre, Poland led dr. Lidia Wróbel.

**Project aim:** Identify neurodegenerative disease-linked mutations that disrupt the compartment specific ubiquitin-proteasome system function.

**As a PhD student**, you will develop human neuronal reporter lines to investigate the compartment-specific function of the ubiquitin-proteasome system upon disruption of genes linked to neurodegenerative diseases. Using CRISPR/Cas9-based gene editing, state-of-the-art confocal microscopy, and FACS-based assays, you will uncover molecular mechanisms underlying observed phenotypes and evaluate their role in early neuronal degeneration in models of Parkinson’s and Huntington’s disease. The project provides the opportunity to design and lead your own experiments, develop expertise in advanced methodologies, and contribute to high-impact publications.

Your role will also include conducting literature reviews to contextualize your findings, actively participating in lab meetings, presenting your work at national and international conferences, and contributing to the writing of research publications and your PhD thesis.

**The admissions process is conducted through the Doctoral School website system. The PhD student can apply to this specific project carried out as part of the Warsaw-4-PhD doctoral school via website <https://shorturl.at/cJKQY> (the application system will be activated from 18<sup>th</sup> of May, 2026; deadline for sending application is 31<sup>st</sup> of May, 2026).** For more information, please follow the link <https://shorturl.at/mvxOR>

Candidates will be selected according to the procedure complying the rules for granting scholarships for young scientists in research projects funded by the National Science Centre (NCN Council Resolution No. 25/2024 dated March 4, 2024), recruitment procedure for the Warsaw-4-PhD and the procedure complying with the rules of the European Charter for Researchers and the Code of Conduct for the Recruitment of Researchers as a part of HR Excellence in Research Strategy <https://career.iimcb.gov.pl/hr-excellence-in-research/>

### Requirements for the candidate:

- Master's degree in biology, biotechnology, biochemistry or related field
- Hands-on experience with mammalian cell culture is required. Experience with stem cell culture (e.g., iPSCs) or primary cells would be an advantage but is not essential
- Experience with biochemical and molecular biology techniques
- Strong organizational skills and the ability to maintain accurate experimental records.
- Ability to work both independently and collaboratively in a multidisciplinary research team.
- Good communication skills and proficiency in written and spoken English.

## We offer:

1. Full-time PhD scholarship 4 years (8 semesters) in amount:
  - a) before the mid-term evaluation 5500 pln net/month;
  - b) after mid-term evaluation 6000 pln net/month
2. Position with 100% focus on research (no teaching obligations)
3. Benefits including reduced-rate for an individual private medical care package and membership in MultiSport programme
4. Full technical, administrative and organizational support from professional English-speaking personnel
5. Participation in courses, scientific training, support from peers, and academic mentoring

Deadline for applications is **31<sup>st</sup> of May, 2026**. The summer semester at the Doctoral School shall begin on **1<sup>st</sup> of October, 2026**.

## How to apply:

- Apply via website <https://shorturl.at/cJKQY> (the application system will be activated from 18<sup>th</sup> of May, 2026; deadline for sending application is 31<sup>st</sup> of May, 2026). If you have any enquiries about the recruitment process or the project, please send your request to [lwrobel@iimcb.gov.pl](mailto:lwrobel@iimcb.gov.pl)
- Please include the following statement in your email: *"I hereby agree to the processing of my personal data, included in the application documents by the International Institute of Molecular and Cell Biology in Warsaw, 4 Księcia Trojdena Street, 02-109 Warsaw, for the purpose of carrying out the current recruitment process."* Your personal data will be processed for the purpose of the recruitment procedure by the International Institute of Molecular and Cell Biology in Warsaw. Full information is available under the link <https://bit.ly/3UFWpY2>
- Procedure for reporting irregularities, taking follow-up actions, and protecting whistleblowers: <https://shorturl.at/u2mww>

