



PhD student position in the Laboratory of Protein Structure

The Laboratory of Protein Structure <https://shorturl.at/5ASND> at the International Institute of Molecular and Cell Biology in Warsaw, headed by Prof. Marcin Nowotny is looking for a **PhD student**.

You will join the project entitled "Mechanistic and structural studies of adenoviral DNA replication" carried out as the Opus grant (2024/55/B/NZ1/02607) of the National Science Centre, Poland led by Prof. Marcin Nowotny.

Project aim: To understand the mechanism of action of protein complexes involved in adenoviral replication using structural biology methods (predominantly cryo-electron microscopy) and biochemical approaches.

As a **PhD student**, your responsibilities will include the purification of proteins and their biochemical characterization (including activity assays with nucleic acids), the preparation of samples for structural biology methods (cryo-EM and crystallography), the determination of macromolecular structures and their analysis, the design of experiments to test the elucidated mechanisms, and the preparation of manuscripts describing the results.

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 18th of December, 2025; deadline for sending application is 6th of January, 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://url-shortener.me/A8V>

Requirements for the candidate:

- Master's degree in biology, biotechnology, biochemistry or related field
- Good knowledge of basics of molecular and cell biology
- Basic hands-on experience in at least one of the fields: molecular biology, protein biochemistry, protein activity assays
- Knowledge of the structural biology methods will be an advantage
- Written and spoken fluency in English
- Willingness to learn and take new challenges, ability to work independently, analytical thinking

- Good interpersonal skills and a collaborative attitude

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 **6th of January, 2026**. The summer semester at the Doctoral School shall begin on **16th of February, 2026**.

How to apply:

- Apply via website <https://shorturl.at/cJKQY> (the application system will be activated from 18th of December, 2025; deadline for sending application is 6th of January, 2026). If you have any enquiries about the recruitment process or the project, please send your request to mnowotny@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>

