



## PhD student position in the Laboratory of RNA splicing

The Laboratory of RNA Splicing at the International Institute of Molecular and Cell Biology in Warsaw <https://www.iimcb.gov.pl/en/>, headed by **Dr. Wojciech Galej** is looking for a **PhD student**.

You will join the project entitled “Mechanistic studies of the U12-dependent splicing pathway” carried out within the framework of the Sonata Bis grant (025/58/E/NZ1/00531) from the National Science Centre in Poland and led by Dr. Wojciech Galej.

**Project aim:** To understand the molecular mechanism of the U12-dependent pre-mRNA splicing through integrative structural biology approach.

As a **PhD student**, your responsibilities will include:

- Human cell lines engineering using CRISPR/Cas9
- Generation and analysis of the proteomics data
- AI-based protein-protein interaction screening and validation
- Purification and biochemical characterization of large RNA-protein complexes involved in pre-mRNA splicing
- Structural characterization of successfully purified complexes by single-particle cryo-EM
- Model building, refinement and validation
- In vivo validation of the structural data
- Active participation in regular group meetings as well as international conferences and workshops
- Contribution to manuscript preparation and writing of the 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
- 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, structural biology
- Knowledge of 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 **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 [wgalej@iimcb.gov.pl](mailto:wgalej@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>

