



UNIWERSYTET  
WARSZAWSKI

Wydział Chemii



Warsaw, 30.01.2025

WCH.1210-10/2024 (P)

### An announcement for Postdoctoral Researcher position

#### Join Dr. Katarzyna Bandyra's Research Team at the University of Warsaw.

We are seeking a highly motivated postdoctoral researcher (assistant professor - research academics group) to join Dr. Katarzyna Bandyra's team in an exciting project on RNA transport to mitochondria, funded by the 2.2 FENG First Team grant from the Foundation for Polish Science. This role offers the opportunity to gain expertise in cutting-edge techniques such as electron cryomicroscopy, which is transforming the field of structural biology, or super-resolution microscopy Minflux.

The post-doc will run research in exact and natural sciences, in discipline of biological sciences. Available positions: 1

**Project Overview:** The project aims to decipher the mechanisms of mitochondrial RNA transport through detailed biochemical and structural characterization of proteins essential for mitochondrial homeostasis. The ultimate goal is to design a robust system for RNA delivery to mitochondria, advancing our understanding of cellular processes and protein-RNA interactions.

#### Responsibilities

- Purification of proteins and RNA
- Biophysical characterization of protein-RNA complexes (using MST, FP, bilayer interferometry)
- Investigation of RNA delivery to human cells using super-resolution microscopy
- Conducting scientific experiments, analyzing data, and preparing results for dissemination
- Contributing to the writing and publication of research papers

#### Candidate requirements:

- PhD in Biological Sciences or a related field (degree obtained within the last 7 years, extended by one year per child for women, and for both genders by one year for a 6-month break in research activities)
- Strong knowledge and hands-on experience in protein and RNA biochemistry, including basic molecular biology techniques
- Experience with human cell culture, cell line construction, and super-resolution microscopy techniques
- Proficiency in spoken and written English
- Excellent interpersonal skills with a demonstrated ability to work both independently and collaboratively
- Experience with Minflux microscopy is an asset

The candidate must meet the requirements of art. 113 of the Act - Law on Higher Education and Science dated July 20, 2018 (Journal of Laws of 2024, item 1571).

ul. Ludwika Pasteura 1, 02-093 Warszawa  
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e-mail: dziekan@chem.uw.edu.pl, chemia@chem.uw.edu.pl, www.chem.uw.edu.pl

### We offer:

- Full-time temporary employment contract at the University of Warsaw for 6 months, with the possibility of extension up to 48 months
- Competitive salary of approximately 12 000 PLN gross per month (depending on experience)
- Opportunities for professional development through courses, scientific training, and collaboration with peers

### Application Requirements

All documents must be submitted in English:

- Curriculum Vitae (CV) including a complete list of publications, awards, grants, conference presentations, and training courses
- Motivation letter
- Copy of PhD diploma or confirmation of PhD defense date
- Contact details for at least two referees, including your current supervisor or employer
- Information on the processing of personal data (the template available at: <http://www.chem.uw.edu.pl/oferty-pracy/> ),
- Declaration of reading and acceptance of the rules for conducting competitions at the University of Warsaw (a template available at: <http://www.chem.uw.edu.pl/oferty-pracy/>).

### Application Deadline and Submission

Please submit the documents **no later than 1.03.2025** to [recruit.bandyra@gmail.com](mailto:recruit.bandyra@gmail.com) (preferably in PDF format). Include "First Team postdoc" in the email subject line. The competition may be repeated until a suitable candidate is found.

The results of the competition will be announced via email by 15.03.2025

The competition is the first stage of the employment procedure as an academic teacher, and its positive outcome is the basis for further proceedings.

Information on the procedure for internal reporting at the University of Warsaw

Pursuant to the Law on Protection of Whistleblowers of June 14, 2024.

The University of Warsaw has a procedure for whistleblowers to report violations of the law and take follow-up action - Internal Reporting Procedure, attached to Order No. 94 of the Rector of the UW dated September 17, 2024 on the Law on Procedure for Whistleblowers to Report Violations of the Law and Take Follow-up Action at the University of Warsaw, published and available in the UW [Monitor of 2024, item 266](#).

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