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6 - Postdoctoral Researcher position in the Department of Immunology

Department of Immunology at the Medical University of Warsaw headed by Prof. Jakub Golab is inviting applications for a **Postdoctoral Researcher**.

You will join a project entitled “Horizon for Excellence in messenger RNA applications in immunoOncology” (WIB-1/2020-O11) operated within the Virtual Research Institute (WIB) Program managed by the Łukasiewicz Research Network – PORT Polish Center for Technology Development and financed from the Polish Science Fund. The primary objective of this project is to develop a highly effective therapeutic mRNA design and apply it for cancer immunotherapy. The project will be carried out by a team of scientists from the IIMCB (coordinator), the University of Warsaw, the Institute of Physical Chemistry of the Polish Academy of Sciences and the Medical University of Warsaw.

As a Postdoctoral Researcher you will be responsible for evaluating antitumor effects of mRNA-based immunotherapeutic approaches.

Requirements for the candidate:

1. Holds PhD (or will defend before the start date of employment) in biological sciences or related fields
2. Has excellent knowledge of molecular biology techniques, including the design and optimization of DNA vectors that serve as templates for mRNA synthesis, performing mRNA synthesis reactions (in vitro transcription), mRNA purification, testing its quality and the ability to produce mRNA-lipid complexes (formation of lipid nanoparticles [LNPs]) and their quality control.
3. Has excellent interpersonal skills, initiative and ability to work independently and in a high-performance team
4. Has the ability to draft (in English) scientific papers for academic journals
5. Has the ability to communicate (in English) complex information clearly, orally and in writing
6. Has good presentation skills (ideally having presented during at least one international conference)
7. Has published at least one publication as the first author in an international peer-reviewed research journal
8. Has to comply with the non-compete policy in accordance with the WIB Program guidelines

Selection criteria

1. Scientific track record
2. Evidence of esteem
3. Suitability for the project
4. Motivation letter



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5. References
6. Interview

Candidates will be selected in an open competition, according to the procedure complying with the rules of the European Charter for Researchers and the Code of Conduct for the Recruitment of Researchers

We offer:

1. Full-time employment contract, initially for a period of 6 months with the possibility of extension until 31.01.2027 or longer (in case of extension of the Research Task)
2. Competitive remuneration.
3. Position with 100% focus on research (no teaching obligations)
4. Full technical, administrative and organizational support from professional personnel
5. Participation in courses, scientific training, support from peers, and academic mentoring

Deadline for applications is **25.07.2025**. Job starting date is **01.09.2025** or later.

How to apply:

1. **Apply now** to immunologia@wum.edu.pl
2. In the subject include "**Postdoc WIB-6**" and your first and last name
3. Your application must be submitted in English and should contain a CV including a full list of publications, a motivation letter with description of your key achievements, and contact details (e-mail and telephone number) of at least two potential referees, including one of your direct supervisor.
4. Please include the following statement in your CV: *"I hereby agree to the processing of my personal data, included in the application documents by the Medical University of Warsaw, for the purpose of carrying out the current recruitment process."* Your personal data will be processed for the purpose of the recruitment procedure only

The competition may be extended until a suitable candidate who fulfils all requirements is found.

The announcement will be published on the following websites:

- <https://wib.port.org.pl/en/homepage/>
- <https://www.iimcb.gov.pl/en/>
- <https://www.uw.edu.pl/>
- <https://ichf.edu.pl/>
- <https://euraxess.ec.europa.eu/>
- <https://bip.wum.edu.pl/>



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The rules for the protection of personal data used by the Medical University of Warsaw:

1. The administrator of personal data is the Medical University of Warsaw located in Warsaw, Żwirki i Wigury 61, 02-091 Warszawa,
2. Contact to the Data Protection Officer - email address: iod@wum.edu.pl.
3. Personal data will be processed in order to implement the recruitment process pursuant to art. 221 of the Labor Code, and in the case of providing a broader scope of data pursuant to art. 6 § 1a GDPR - consent expressed by the candidate.
4. Access to personal data within the University's organizational structure shall only have employees authorized by the Administrator in the necessary scope.
5. Personal data will not be disclosed to other entities, except for entities authorized by law.
6. Personal data will be stored for the period necessary to carry out the recruitment process, up to 12 months from the settlement of the recruitment process. After this period, they will be removed.
7. You have the right to access your data, the right to rectify, delete, limit processing, the right to transfer data, the right to object to the processing, the right to withdraw consent.
8. You have the right to withdraw consent to the processing of your personal data at any time, which will not affect the lawfulness of the processing that was carried out on the basis of consent before its withdrawal.
9. You have the right to lodge a complaint with the Office for Personal Data Protection when it is justified that his personal data are processed by the Administrator in breach of the general regulation on the protection of personal data of April 27, 2016.
10. Providing personal data is voluntary, but necessary to participate in the recruitment process to the extent specified in art. 221 § 1 of the Labor Code, voluntary in the remaining scope.
11. Decisions will not be taken in an automated manner and personal data will not be subject to profiling.

