



WARSZAWSKI
UNIwersYTET
MEDYCZNY

KATEDRA I ZAKŁAD BIOCHEMII

Postdoctoral Scientist position in Tumor immunology

The Department of Biochemistry at the Medical University of Warsaw, is seeking talented and motivated research scientist to further develop a research project using cellular, immunological, biochemical, molecular biology and functional genomic approaches. The project will be focused on determining the role of tumor microenvironment factors in modulating tumor immune response, and consequently translating the gained knowledge into cancer therapy strategies.

Requirements

- PhD degree in cancer biology, cancer immunology or related fields, with relevant laboratory experience, less than 7 years of experience at the hiring date (*).
- Experience with mammalian cell culture, preferably with in vitro assessment of lymphocyte effector (T and NK cells) functions, including but not limited to, tumor cell cytotoxicity, killing and cytokine release/profiling assays.
- Experience with phenotypic and functional analysis of T and NK cells using flow cytometry, gene expression, cytokine/immune profiling, and cytotoxicity assays
- Hands-on experience of key molecular biology techniques including cell transfection and transduction, qRT-PCR, ELISA, and western blotting.
- Background in tumor-immune cell interactions, with a central focus on T/NK cell biology and solid tumor microenvironment (TME) knowledge.
- Good at troubleshooting, methodical and independent.
- Critical thinking in analyzing and interpreting published work in the field
- Fluent in spoken and written English.

Responsibilities

- Design, plan, execute studies to assess NK cell and T cell cytotoxic activities and their modulation mechanisms.
- Execute viral vector-based modification of cell lines and primary cells.
- Perform in vitro functional assays and in vivo xenograft/tumor models
- Pay close attention to detail, collect, maintain accurate record, organize and present data to team members.
- Staying up to date with the literature in tumor-immune interactions with central focus on T and NK cell biology and tumor microenvironment, and placing the lab-work in context.
- Take part of routine laboratory tasks.

Conditions of employment

- The position is open till is filled for a maximum period of 23 months with an initial probation period of 6 months.
- Candidate selection will start from date 4/4/2022. Selected candidates will be invited for a Zoom-interview.

How to apply

Please send your applications in English by 4/4/2022 to abdessamad.zerrouqi@wum.edu.pl with "Postdoc App" in the email's subject, and should include:

- Motivation letter,
- CV that should include scientific achievements, stays, contact details, with contact info of two references (email address and telephone number). and the consent to process your application at the end of the CV:
"I hereby authorize the processing of my personal data included in my job application for the needs of the recruitment process by the Medical University of Warsaw in accordance with the Personal Data Protection Act, Journal of Laws of 2002")

(*) PhD must be obtained within the last 7 years before hiring date, a condition that is stipulated in the OPUS regulation document: "Załącznik do uchwały Rady NCN nr 95/2020 z dnia 14 września 2020 r. w sprawie zmiany Regulaminu przyznawania środków na realizację zadań finansowanych przez Narodowe Centrum Nauki w zakresie projektów badawczych. REGULAMIN PRZYZNAWANIA ŚRODKÓW NA REALIZACJĘ ZADAŃ FINANSOWANYCH PRZEZ NARODOWE CENTRUM NAUKI W ZAKRESIE PROJEKTÓW BADAWCZYCH".

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.