**Mossakowski Medical Research Institute**

**Polish Academy of Sciences**

in Warsaw

is looking for

**a PhD Candidate/Fellow in the Laboratory of Immunology**

Deadline for applications: **14th January, 2024**

Procedure ID: **PI.110.3.2023**

Expected starting date: **February/March 2024**

Institute website: **www.imdik.pan.en**

Laboratory website: **https://imdik.pan.pl/en/laboratories/1312-laboratory-of-immunology**

We are recruiting to the **OPUS** project No. 2023/49/B/NZ7/03915 entitled "**Unraveling protease activation in stimulated CAR-T cells to identify new biomarkers for assessing their clinical efficacy**" funded by the National Science Centre and carried out at the Laboratory of Immunology at the Mossakowski Medical Research Institute Polish Academy of Sciences (MMRI PAS). The project is led by Dr. Małgorzata Firczuk. The Laboratory of Immunology is a new, rapidly developing scientific unit at MMRI PAS, bringing together young scientists and collaborating with numerous clinical and research teams in Poland and abroad. Currently, the Laboratory is implementing twelve projects funded by external agencies. **We are looking for a candidate with a genuine passion for research, enthusiasm for discoveries, and a commitment to advancing scientific knowledge**.

**Information about the research project in which the candidate would participate**:

Cell therapy using T cells modified with chimeric antigen receptors (CAR-T) is a novel and groundbreaking method for treating the most challenging cases of hematologic cancers, already applied in clinics, also in Poland. The project's goal is to identify new biomarkers for monitoring the effectiveness of CAR-T cell therapy. In particular, we will investigate proteases activated in CAR-T cells after their contact with tumor cells. In collaboration with the team led by Dr. Marcin Poręba from Wrocław University of Science and Technology, a partner in the project, we plan to develop probes enabling a precise assessment of protease activity using flow cytometry and mass cytometry. It is worth emphasizing that, while the project focuses on basic research to enhance our understanding of the mechanisms of CAR-T cell activation, the results obtained also carry translational and commercialization potential.

**Description of duties:**

* planning and conducting experiments
* creative work involving the analysis of current literature and initiating changes during project implementation
* analysis and interpretation of acquired data
* maintaining documentation of research results following FAIR principles
* presenting results at seminars within the Laboratory and the Institute, as well as at broader scientific forums, including national and international scientific conferences
* writing scientific publications

**Requirements for the candidate:**

* status of a student/PhD student
* experience with laboratory work in the areas of biochemistry, molecular biology, experimental oncology, or immunology
* proficiency in spoken and written English
* excellent organizational skills and attention to detail
* ability to work independently and as a part of a team, strong communication skills

**Additional assets:**

* scientific achievements documented by international publications in journals indexed in the JCR list
* documented active participation in national and international conferences and symposiums

**We offer:**

* scholarship of approximately 5000 PLN gross per month for a period of up to 4 years
* innovative research challenges and unique opportunities for developing research skills
* freedom and independence in carrying out assigned tasks
* mentoring and support in professional career development
* friendly, inspiring, and supportive work environment within the large team of the Laboratory of Immunology
* opportunity to present research results at scientific conferences
* support in publishing and promoting research findings
* benefits package, including a Multisport Plus card and the option to participate in group insurance on preferential terms

**Please submit the following documents:**

* motivation letter containing information about scientific interests, research work, and explaining why you want to work on the project
* CV (signed by the candidate) in .pdf format
* at least one letter of recommendation from the current or former supervisor/academic advisor

Apply via email to the project PI: [**mfirczuk@imdik.pan.pl**](mailto:mfirczuk@imdik.pan.pl)**,** deadline for sending the application is 14th January 2024. In the email title please include: „Fellow” and procedure ID: **PI.110.3.2023**

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We reserve the right to invite only selected candidates for interviews.

**INFORMATION CLAUSE ON PERSONAL DATA PROCESSING**

Pursuant to Article 13 of the Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation), Mossakowski Medical Research Institute, Polish Academy of Sciences hereby informs:

* The Controller of your personal data is the Mossakowski Medical Research Institute, Polish Academy of Sciences, A. Pawińskiego 5 St., 02-106 Warsaw, Poland (“MMRI PAS”)
* The Controller has designated the Data Protection Officer who can be contacted via the following e-mail address: [daneosobowe@imdik.pan.pl](mailto:daneosobowe@imdik.pan.pl) or the post address of Controller.
* Your personal data will be processed for the purpose of carrying out a recruitment process and selecting an employee and concluding a contract for employment at the MMRI PAS.
* MMRI PAS processes Your personal data in relation to a legal obligation (the Article 6.1.c of the GDPR) pursuant to Article 221 § 1 of the Act of 26 June 1974 Labour Code or Your consent understood by sending them to MMRI PAS (the Article 6.1.a of the GDPR) for data not listed on Labour Code, and their application does not affect the possibility of participating in the recruitment / competition. If you do not want us to process additional data, please do not include it in the documents.
* By submitting your candidacy, you consent to the fact that if you win the recruitment / competition, your name and surname together with information about the recommendation for employment will be posted on the MMRI PAS website.
* Your application with personal data will be processed for period necessary for realization of purposes indicated in p. 3 - for a maximum of one month and then your application with personal data will be deleted.
* With regard to processing of Your personal data for purposes mentioned in p. 3, Your personal data might by shared with following recipients or categories of recipients: entities supporting MMRI PAS in its business processes, in particular administrative and economic service and authorized entities.
* Within the limits and on the terms set out in the GDPR, you have the right to request access to your personal data, rectification, deletion or limitation of processing, as well as the right to submit a declaration of withdrawal of consent to the processing of personal data at any time. Withdrawal of consent does not affect the lawfulness of the processing which was carried out on the basis of consent before its withdrawal, as well as the processing of data processed by the administrator on the basis of other provisions.
* You have the right to lodge a complaint to the President of the Office for the Protection of Personal Data (Stawki 2 St., 00-193 Warszawa).