**Mossakowski Medical Research Institute**

**Polish Academy of Sciences in Warsaw**

**is looking for a candidate for**

**a post-doc position**

The recruitment is for the OPUS project **“Depletion of the tumor microenvironment as a novel strategy potentiating the efficacy of immunotherapies”** financed by the National Science Center at the Laboratory of Immunology

Scientific discipline: **medical science**

Date of announcement: **09.12.2022**

Deadline for submitting offers: **27.12.2022**

Link to the website: www.imdik.pan.pl/en/

Key words: tumor microenvironment, CAR-T cells, monoclonal antibodies, immunotherapy

**Project:** The aim of the project is to develop approaches that, by targeting tumor microenvironment (TME), improve the antitumor activity of selected immunotherapies. In these studies, we plan to study the influence of TME on the activity of immune cells, analyze the immunosuppressive factors affecting effector cells’ functions, and determine the molecular mechanisms responsible for this immunosuppression. Within the project, we will design and implement a new strategy, based on the effector T cells modified with chimeric antigen receptors (CARs), for the elimination of TME. We will evaluate the influence of this TME-eliminating strategy on the antitumor activity of selected immunotherapies in both in vitro and in vivo models. We believe that our research may contribute to improving the effectiveness of immune-based therapies in cancer patients.

**Description of activities within the workplace:**

• independent planning and conducting experiments with the use of molecular biology, biotechnology, and methods used for the study of immune cells

• data collection, analysis, and processing

• writing scientific publications, reports, preparing conference presentations

• participation in scientific conferences related to the subject of the project

• supporting PI with the supervision of all experiments and co-ordination of the teamwork

**Necessary requirements:**

* PhD in biological/medical /pharmaceutical or related sciences obtained not earlier than 7 years ago (this period may be extended by the duration of maternity, parental leave, or long-term incapacity to work due to illness);
* experience in the field of molecular biology, immunology, and experimental oncology;
* experience in flow cytometry and cell-based assays, cell modification techniques, experience in working with primary cell culture (isolation of subsets of immune cells);
* ability to work individually and in a team;
* excellent knowledge of the English language allowing for effective communication and participation in international scientific conferences and the preparation of scientific publications;
* indication of Mossakowski Medical Research Institute Polish Academy of Sciences as the first place of employment.

**Additional requirements:**

• experience in the CAR-T or CAR-NK would be highly appreciated

**We offer:**

• employment in the form of a full-time employment contract max. for 48 months; starting date: January 2023;

• a gross salary in the amount of 140 000 PLN per year;

• research collaboration with a partner research center in Poland and abroad;

• the opportunity to present research results at international scientific conferences.

**Submission of documents:**

If you are interested, please send documents with the number of the procedure:

**PI-111-1/2022** to e-mail of the project manager: dr Malgorzata Bajor mbajor@imdik.pan.pl until **27/12/2022**

**Please submit the following documents:**

• CV with a list of publications

• cover letter

• a copy of the diploma confirming possession of the required academic degree or information on the planned date of the doctorate thesis defense

• Reference letter(s)

• Declaration about authorization for personal data processing: „I hereby authorize you to process my personal data included in my job application for the needs of the recruitment process (in accordance with the Personal Data Protection Act, Journal of Laws of 2002, no 101, item 926 as amended)

Interested persons can obtain additional information by contacting the project manager.

The expected date of the interview: **02-03/01/2023** (also possible on-line)

The expected date of the recruitment: **04-05/01/2023**

Estimated date of taking up the position: **January 2023**

Please be advised that only selected candidates will be contacted and sent documents will not be returned.

**Information clause regarding the processing of personal data:**

Pursuant to Art. 13 of Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of individuals with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46 / EC (general regulation on data protection ) hereinafter referred to as the GDPR, we would like to inform you that:

-The administrator of personal data is the Institute of Experimental and Clinical Medicine Mirosław Mossakowski of the Polish Academy of Sciences, 02-106 Warsaw, ul. A. Pawińskiego 5 (hereinafter referred to as IMDiK PAN).

-At IMDiK PAN, a Data Protection Officer has been appointed, who can be contacted at the following e-mail address: daneosobowe@imdik.pan.pl or by sending a letter to the address of IMDiK PAN.

-Personal data will be processed in order to carry out the recruitment procedure / competition for the position indicated in the announcement by IMDiK PAN, ending with the possible conclusion of the contract.

-Personal data will be processed on the basis of the legal obligation of the administrator referred to in art. 22 'of the Labor Code (Article 6 (1) (c) of the GDPR). Other data will be processed on the basis of your voluntary consent (Article 6 (1) (a) of the GDPR), understood as sending a recruitment / competition application to IMDiK PAN, and their submission 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 IMDiK PAN website.

-Applications of candidates not selected in a given recruitment / competition containing personal data will be processed up to one month from the end of the recruitment process, and then will be deleted.

-The recipients of personal data may be entities providing administrative and organizational services as well as 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 with the President of the Personal Data Protection Office (ul. Stawki 2, 00-193 Warsaw).