Job Vacancy is announced

by the Director of Mossakowski Medical Research Institute, Polish Academy of Sciences

for the position of

**assistant**

**in Laboratory of Human Diseases Multiomics**

City: **Warsaw**

Position: **assistant**

Scientific discipline: medical sciences

Announcement date: May 10th, 2022

Application deadline: **May 24th, 2022**

Expected date of competition results announcement: II half of May 2022

Date of taking the position: June 2022

Link to page: http://www.imdik.pan.pl

Key words: transcriptomics, oncogenes, organoids, alternative splicing, human cancers

**Current research program of the** **Laboratory of Human Diseases Multiomics:**

* cellular and molecular mechanisms underlying human neoplastic diseases;
* obtaining, processing and overlaying data from large-scale omics experiments (genomics, trancriptomics, proteomics, metabolomics);
* in vitro molecular functional studies on oncogenes (mutated TP53, K/H/N-RAS, EGFR, PI3KCA, hyperactive C/N-MYC, CTNNB1, HSP90/HSP70/HSP40 or cellular proteasome machinery) and their controlled processes in human tumors;
* phenotypic testing of genetically manipulated / drug-treated cells in vitro;
* running and analyzing the database of frozen material from cancer patients (tumors, healthy tissue, blood) for use in validation and association studies.

**The area of the research in which the candidate would participate:**

* studies of alternative splicing in selected human neoplasias;
* studies of the cooperation of selected oncogenes (TP53, C-MYC, KRAS, proteasome) in the neoplastic processes.

**Description of job position activities:**

* active participation in the scientific activities of the Laboratory, Institute and scientific community;
* active participation in raising funds for research projects;
* publishing the research results in scientific journals of a significant Impact Factor;
* writing reports on the research carried out;
* drafting conference abstracts and scientific manuscripts, participation in seminars, courses and training;
* representing the Institute at scientific conferences.

**Requirements for the position of assistant:**

* PhD degree in biological or related sciences;
* experience in molecular biology techniques (e.g. qPCR, western blot, immunoprecipitation) and cell biology (*in vitro* culture of cell lines, transfection - also with viral vectors, immunohistochemistry, flow cytometry);
* knowledge of genetic engineering techniques (DNA and RNA purification, molecular cloning, directed mutagenesis);
* experience in establishing and running organoid cultures from tissues obtained from patients;
* knowledge of methods of testing alternative splicing (mini-genes, functional analysis of selected protein isoforms, study of protein-RNA interactions);
* at least 2 scientific publications in scientific journals indexed in JCR with a total IF ≥ 5, including at least one publication with the candidate's first or corresponding authorship;
* indication of Mossakowski Medical Research Institute, Polish Academy of Sciences as the first place of employment;
* documented active participation in conferences;
* fluency in English.

**Additional requirements (desirable):**

* knowledge of statistical methods used in scientific research;
* the ability to analyze transcriptomics and proteomics data and bioinformatic analysis of association with molecular pathways;
* ability to work with at least one model animal (e.g. *Caenorhabditis elegans*, *Drosophila melanogaster*, *Danio rerio*, rat, mouse);
* creativity, self-independence and very good organization of laboratory work;
* teamwork skills.

**We offer:**

* employment contract (full time);
* scientific development;
* attendance in conferences and internships;
* friendly work environment.

**Required documents:**

* a cover letter with the description of scientific interests;
* CV, including the education and scientific achievements as well as previous employers;
* a list of publications;
* a copy of the diploma as proof of the required scientific degree;
* documents confirming the fulfillment of other requirements specified in the announcement of the competition for the position of an assistant (optional).

**How to apply:**

The applicants should submit the required documents **in electronic as well as in paper form,** addressed to the Director of Mossakowski Medical Research Institute, PAS. Please include the following job offer identification number in your application: **SDI-002-6/2022.**

Documents in electronic form (pdf format only) should be sent to the following e-mail address: sekretariat@imdik.pan.pl

and the written/paper form of the application should be submitted to:

Mossakowski Medical Research Institute, Polish Academy of Sciences, ul. A. Pawińskiego 5, 02-106 Warszawa, Poland, room no. D105 (ground floor).

In order for your application to be considered, both electronic and paper application with your signature must be received by the Institute **by May 24th, 2022.**

The date of postmark is not decisive, and the applications received after the deadline will not be considered

Anticipated result announcement date: II half of May 2022

Envisaged job starting date: June 2022

The competition for the post of the assistantis carried out in accordance with “*Regulations of the employment for the scientific positions in MMRI PAS”* by the Resolution of the Scientific Council of MMRI PAS of 28 November 2019.

**INFORMATION CLAUSE ON PERSONAL DATA PROCESSING**

Pursuant to Article 13 of 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:

1. 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”)
2. The Controller has designated the Data Protection Officer who can be contacted via the following e-mail address: daneosobowe@imdik.pan.pl or the post address of Controller.
3. 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.
4. 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.
5. 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.
6. 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.
7. 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.
8. 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.
9. You have the right to lodge a complaint to the President of the Office for the Protection of Personal Data (ul. Stawki 2, 00-193 Warszawa).