Job Vacancy is announced

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

for the position of

**assistant**

**in the Department of Cellular Signaling**

City: Warsaw

Scientific discipline: medical sciences

Announcement date: March 22nd, 2022

Application deadline: **April 20th, 2022**

Expected date of competition results announcement: the end of April 2022

Date of taking the position: the beginning of May 2022

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

Key words: assistant, animal models of neurodegenerative disorders, Alzheimer’s disease, Parkinson’s disease, molecular biology.

**Current research program of the Department of Cellular Signaling.**

Research at the Department of Cellular Signaling focuses on the processes responsible for the development of neurological diseases resulting from synapses dysfunction – synaptopathies. The main research interest concentrate on the molecular mechanisms of mitochondrial failure, inflammatory processes and oxidative stress that could trigger synapses impairment contributing to neuronal dysfunction. We study the toxic effects of misfolded and covalently modified proteins such as amyloid beta peptides (Aβ) and alpha-synuclein (α-syn) on synaptic function. Our mission is to understand the pathogenesis of neurodegenerative diseases as well as autism spectrum disorders and subsequently to identify new disease biomarkers and therapeutic targets for an earlier diagnosis and treatment of patients suffering from different diseases of the nervous system. In our studies we use both *in vitro* and *in vivo* models (e.g. murine model of Alzheimer’s disease – intracerebroventricular administration of oligomeric Aβ; murine model of Parkinson’s disease – intrastriatal administration of α-synuclein; animal models of systemic inflammation).

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

* Investigation of molecular mechanisms responsible for activation of immunological system in the experimental models of Alzheimer’s and Parkinson’s disease;
* Investigation the effects of pharmacological modulation of immunological system on neurodegeneration and behavioural disturbances in animals models of neurodegenerative disorders;

**Description of job position activities:**

* Conducting scientific research on in vitro and in vivo models in accordance with the current research topic of the Department;
* Introducing new research technologies to improve the quality of scientific research;
* Active participation in the Department's scientific seminars;
* Representing the Department at national and international scientific conferences;
* Obtaining external financing for research projects;
* Active publication of research results;

**Requirements for the position of assistant professor:**

* Master of Science (MSc) or PhD degree in medical or related sciences;
* The ability to design, organize and conduct scientific research as well as examining research hypotheses in compliance with applicable research methodology;
* Knowledge of laboratory techniques in biochemistry, molecular biology (e.g. DNA, RNA, isolation; Western blot; qPCR);
* Knowledge of microscopic techniques;
* Self-independence and very good organization of laboratory work;
* Teamwork skills;
* Fluency in English;
* Indication of Mossakowski Medical Research Institute, Polish Academy of Sciences as the first place of employment;

**Additional requirements (desirable):**

* Experience in working with animals, e.g. intracerebral injections;

**We offer:**

* Employment contract (full time);
* Access to specialized equipment in the Institute;
* Possibility to participate in running research projects in the Department;
* The possibility of scientific development;
* Possibility of additional training (also abroad);
* Friendly work environment and teamwork;

**Required documents:**

* Cover letter containing information about scientific interests;
* Curriculum vitae containing information about education, research achievements and previous jobs;
* List of publications;
* Proof of being a scientific degree or title holder;
* Recommendation letters (optional).

**How to apply:**

The Application should be addressed to the Director of Mossakowski Medical Research Institute, Polish Academy of Sciences.

Applicants should submit the required documents **in electronic as well as in paper form.**

Please include the following job offer identification number in your application: **SDI-002-4/2022.**

Application deadline: **April 20th, 2022**

**Where to apply:**

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 April 20th, 2022**

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

Anticipated result announcement date: the end of April 2022

Envisaged job starting date: the beginning of May 2022

The competition for the post of the **assistant** is 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).