

Job Vacancy is announced
by the Director of Mossakowski Medical Research Institute, Polish Academy of Sciences
for the position of
assistant or assistant professor*
in the **Department of Neurochemistry**

City: Warsaw

Position: **assistant or assistant professor**

Scientific discipline: medical sciences

Announcement date: July 21st, 2023

Application deadline: **September 10th, 2023**

Expected date of competition results announcement: the second half of September 2023

Date of taking the position: October 2023

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

Keywords: neurodegenerative diseases, neuropharmacology, microRNA, apoptosis, oxidative stress, excitotoxicity.

** According to the assessment of candidate qualification the Commission may recommend her/his employment in an assistant or assistant professor position.*

The current research program of the Department of Neurochemistry:

- cellular and molecular mechanisms of neurodegenerative diseases (birth asphyxia, stroke, epilepsy) and neurodevelopmental disorders (autism);
- the role of natural adaptative processes and exogenous and endogenous substances in neuroprotection;
- the role of ionic channels in the pathomechanism of neurological diseases;
- the role of TRP channels in memory consolidation and reconsolidation;
- metabolomics of rare neurological diseases.

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

- investigation of cellular and molecular processes involved in the pathogenesis of birth asphyxia (rats);
- investigation of cellular and molecular processes involved in memory consolidation and reconsolidation (chicks).

Description of job position activities:

- participation in surgery necessary in an animal model of birth asphyxia;
- collection of biological material for further processing and performance of biochemical tests;
- active participation in the implementation of research projects, following the requirements of the financing institution;
- obtaining external funding for research projects;
- preparing reports on conducted research;
- preliminary elaboration of results and participation in the preparation of conference announcements and manuscripts, participation in seminars, courses, and training;
- representing the Institute at scientific conferences.

Requirements for the position of assistant:

- having a master's degree (or equivalent) in the field of medical, biological or related sciences;
- experience in molecular biology and genetics, working with primary cells cultures, and animal study (relevant certificates or training);
- indication of Mossakowski Medical Research Institute, Polish Academy of Sciences as the first place of employment;
- fluency in English.

Additional requirements (desirable) for the position of assistant:

- knowledge of working with animal models of neurodegenerative diseases;
- isolation of RNA, DNA, and microRNA from cells and tissues;
- knowledge of the determination of the number of nucleic acids using the PCR and qPCR methods;

- knowledge of ELISA, WB, preparation of tissue preparations for immunohistochemistry;
- basic knowledge of cell cultures;
- basic knowledge of the flow cytometry method;
- competence in statistical methods used in scientific research;
- documented active participation in conferences;
- creativity, and teamwork skills.

Requirements for the position of the assistant professor:

- at least a Ph.D. degree in medical, biological, or related sciences;
- having at least 2 original scientific publications in scientific journals indexed in JCR including at least one of which the candidate is the first, equivalent, or corresponding author, published after the doctorate, but not containing the results of the doctorate;
- experience in molecular biology and genetics, working with primary cells cultures, and animal study (relevant certificates or training);
- 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) for the position of assistant professor:

- knowledge of working with animal models of neurodegenerative diseases;
- isolation of RNA, DNA, and microRNA from cells and tissues;
- knowledge of the determination of the number of nucleic acids using the PCR and qPCR methods;
- knowledge of ELISA, WB, preparation of tissue preparations for immunohistochemistry;
- basic knowledge of cell cultures;
- basic knowledge of the flow cytometry method;
- competence in statistical methods used in scientific research;
- creativity, and teamwork skills.

We offer:

- employment contract (full-time);
- scientific development;
- attendance in conferences and internships;
- additional financial support from the social fund;
- the possibility of taking advantage of preferential terms, e.g. group insurance, package of medical services, Multisport card;
- work in a good team, in a nice atmosphere.

Required documents:

- cover letter with information about scientific interests;
- curriculum vitae containing information on education, scientific achievements, and previous jobs;
- list of publications, in the case of an assistant professor with the indication of papers published before the doctorate, and papers published after the doctorate;
- a copy of the diploma confirming the possession of the required professional title or academic degree;
- documents confirming the fulfillment of other requirements specified in the announcement of the competition.

How to apply:

The application should be addressed to the Director of Mossakowski Medical Research Institute, Polish Academy of Sciences. The required documents in electronic form (pdf format only) should be sent to the following e-mail address: sekretariat@imdik.pan.pl and must be received by the Institute by **September 10th, 2023**.

Please include the following job offer identification number in your application: **SDI.111.12.2023**.

The date of receipt of documents by IMDiK PAN is decisive - the applications received after the deadline will not be considered.

Anticipated result announcement date: the second half of September 2023

Envisaged job starting date: October 2023

The competition for the post of assistant or assistant professor is carried out following "*Regulations of the employment for the scientific positions in MMRI PAS*".

INFORMATION CLAUSE ON PERSONAL DATA PROCESSING

According 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 concerning the processing of personal data and 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 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 postal address of the Controller.
3. Your data will be processed to carry out a recruitment process and select an employee and conclude a contract for employment at the MMRI PAS.
4. MMRI PAS processes Your data concerning a legal obligation (Article 6.1.c of the GDPR) according to Article 22¹ § 1 of the Act of 26 June 1974 Labour Code or Your consent understood by sending them to MMRI PAS (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 the period necessary for the realization of purposes indicated in p. 3 - for a maximum of one month and then your application with personal data will be deleted.
7. Concerning the processing of Your data for purposes mentioned in p. 3, Your data might be shared with the 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 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 based on consent before its withdrawal, as well as the processing of data processed by the administrator based on 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).