**Mossakowski Medical Research Institute, Polish Academy of Sciences, Warsaw**

is seekeing a candidate for a position of **Post-doctoral Research Assistant or Post-doctoral Research Associate\***

*\** *dependent on candidate’s qualifications*

Recruitment is related to the project “The role of arginase 2 in the striatal function and in the pathogenesis of Huntington's disease” SONATA BIS no. 2018/30/E/NZ1/00144 pt. funded by National Science Centre, Poland,

carried out in the **Laboratory of Molecular Basis of Neurodegeneration**

* Scientific discipline: medical sciences
* Announcement date: **December, 20th 2021**
* Application deadline: **January 12th** **2022**
* Link to the website: [www.imdik.pan.pl](http://www.imdik.pan.pl)
* Keywords: post-doc, Huntington’s disease, neurodegeneration, protein aggregation, microscopy, metabolism, in vivo

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

The research carried out in the Laboratory of Molecular Basis of Neurodegeneration is focused at determining relationships between molecular, cellular and functional phenotypes of selected populations of the CNS cells and their susceptibility or resistance to the pathology in different neurological diseases. We are seeking a postdoctoral researcher for the project aimed at characterization of the functions of arginase 2 in the striatum (a region specifically enriched with arginase 2), with reference to the cellular and subcellular localization of this protein. The project also intends to understand the importance of arginase 2 loss for the pathogenesis of Huntington’s disease, a disorder selectively affecting striatum. The study will employ transgenic mouse models of arginase 2 loss and of Huntington’s disease, as well as a multidisciplinary experimental approach including in vivo analysis, qualitative and quantitative microscopy and targeted or large-scale protein and metabolite biochemistry techniques.

***Description of duties:***

* managing colonies of transgenic mice used in the project
* planning and conducting in vivo procedures
* designing and conducting experiments using biochemical/molecular biology/microscopic imaging techniques
* analysis of obtained data
* presenting the results at the group meetings, external seminars and scientific conferences
* preparation of scientific manuscripts
* introducing new experimental methods and establishing external collaborations to support the progress of the project
* carrying out scientific tasks in accordance with the project time schedule

***Necessary Requirements:***

* PhD degree in biological sciences, neurosciences, pharmacological sciences, medical sciences or relevant, obtained between January 1st 2015 and January 21st 2022
* documented scientific achievements including publications in journals from JCR list
* participation in scientific conferences and internships
* experience in laboratory techniques in biochemistry, molecular biology and histology (e.g. DNA, RNA, protein and metabolite isolation; fractionation of proteins and subcellular structures; western blot; qPCR; immunohistochemistry; stereology; enzyme activity assays; metabolite measurements (HPLC, LC-MS, NMR, ELISA, spectrophotometric/fluorometric techniques))
* experience in planning and conducting in vivo procedures (e.g. behavioral analysis, stereotactic surgeries, microdialysis)
* working knowledge of statistical software (e.g. GraphPad Prism, SPSS, R, Statistica)
* ability to work in a team and independently
* excellent knowledge of English, allowing effective communication and preparation of scientific manuscripts
* indication of Mossakowski Medical Research Institute Polish Academy of Sciences as a first place of employment

***Desirable Requirements:***

* experience in work with animal models of neurodegenerative diseases
* knowledge of techniques used in studying of protein aggregation
* experience in big data analysis

***We offer:***

* fixed term, full-time employment contract
* contract period: **January 24th 2022 – June 30th 2024** (The contract duration may change depending on the regulations related to COVID-19 epidemy)
* gross salary: around 8350 PLN / month
* opportunity to work in a newly established, dynamic research group
* scientific collaboration with other Polish and foreign research institutions
* opportunity to participate and present obtained results at international conferences
* scientific and administrative support in applying for grants and fellowships

***How to Apply:***

Documents should be sent to [mwegrzynowicz@imdik.pan.pl](mailto:mwegrzynowicz@imdik.pan.pl). Please include the reference number (PMPN-111-3/2021) in your correspondence.

Required documents:

* motivation letter with description of candidate’s scientific interests, scientific work, scientific independency, participation in publications and research grants
* CV listing candidate’s education, professional experience, scientific achievements, authored or co-authored publications and conference abstracts, internships and training
* copy of the PhD (or equivalent) diploma, or a document confirming PhD defense before January 23rd 2022
* references (optionally)

*\* Depending on candidate’s qualifications, Recruitment Committee may recommend hiring a successful candidate as a Research Assistant or Research Associate*

For more information about the project, please contact dr Michał Węgrzynowicz ([mwegrzynowicz@imdik.pan.pl](mailto:mwegrzynowicz@imdik.pan.pl))

Expected date of the interview: **January 13th 2022 – January 14th 2022**

Expected decision date: **January 17th 2022**

Expected job starting date: **January 24th 2022** (The job starting date may change depending on the regulations related to COVID-19 epidemy)

**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](mailto: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).