



## FORM FOR ANNOUNCERS

**INSTITUTION:** Maj Institute of Pharmacology Polish Academy of Sciences  
**CITY:** Krakow  
**POSITION:** **Assistant (post-doc) at the Department of Physiology  
Maj Institute of Pharmacology Polish Academy of Sciences  
– full-time**

**SCIENTIFIC DISCIPLINE:** Medical / Pharmaceutical Sciences  
**ANNOUNCEMENT DATE:** 6.09.2024  
**SUBMISSION DUE TO:** 26.09.2024  
**COMPETITION SETTLEMENT:** 3.10.2024 r.  
**LINK:** <http://www-if-pan.krakow.pl/>

**KEYWORDS:** neurobiology, electrophysiology, monoaminergic systems, serotonergic system, synaptic plasticity, depression, stress.

Maj Institute of Pharmacology Polish Academy of Sciences (further called Institute or IP PAS) announces a competition for the position of an assistant (post-doc) at the Department of Physiology for the implementation of tasks in the NCN Opus 25 (2023/49/B/NZ4/03592), *"Plasticity of neuroanatomically identified synaptic inputs and functions of the dorsal raphe nucleus in an animal model of treatment-resistant depression"*.

We are looking for an assistant (post-doc) interested in conducting molecular, electrophysiological and behavioural research at the Department of Physiology IP PAS.

**Project Leader:** Professor Krzysztof Tokarski, PhD

**A candidate for the position of an assistant (post-doc) should meet the following conditions:**

1. PhD in biological or medical sciences obtained not earlier than 7 years before the year of employment in the project. This period does not include breaks related to maternity leave, additional maternity leave, leave on the terms of maternity leave, additional leave on the terms of maternity leave, paternity leave, parental leave granted on the terms specified in the provisions of the Labor Code or receiving a sickness benefit or a rehabilitation benefit due to incapacity for work, including due to an illness requiring rehabilitation. In the case of women, the indicated 7-year period may be extended by 18 months for each born or adopted child. A woman can choose a more favorable way to indicate breaks in her research career;
2. The principal investigator in the project was not the supervisor or co-supervisor of candidate's doctoral dissertation. The candidate obtained a doctoral degree in a unit other than the unit of planned employment or completed a continuous and documented, at least 10-month postdoctoral internship in a unit other than the unit implementing the project and in a country other than the country of obtaining the doctoral degree.
3. Knowledge in the field of neurobiology, with a focus on monoaminergic system function. An interest in research areas such as: serotonin, neuronal plasticity, stress and pathogenesis of central nervous system disorders would be considered an advantage;
4. At least several years of experience in working in a behavioural, cellular and biochemical laboratory, confirmed in the form of scientific publications in the field of neurobiology (minimum 5 publications in which the Candidate is the first author, including shared first authorship), internships abroad will be considered an advantage;
5. Experience in managing and conducting research projects at the level of planning and implementation of research as well as analysis and publication of results in international journals with a high impact factor;
6. Experience in preparing research proposals for Local Institutional Animal Care and Use Committee (LKE);

7. Experience in working with animals as well as completed and certified training for those planning and performing procedures and experiments with the use of laboratory animals and killing animals used in procedures in accordance with the Act on the protection of animals used for scientific or educational purposes (Journal of Laws of 2023, item 465);
8. Experience in working with GMM/GMO, especially in utilizing viral vectors, experience in both *in vivo* and *ex vivo* experimental work;
9. Practical skills: molecular biology techniques, working with viral vectors, immunohistochemical staining, fluorescence microscopy including confocal microscopy and image analysis, behavioural assays in rodent models;
10. Ability and documented experience in carrying out physical interactions between proteins including membrane receptors using FRET based approaches ;
11. Ability to work in a team and independently;
12. In the event of winning the competition and starting work in the project, the candidate may not receive any other remuneration from the funds awarded under direct costs under NCN calls, as well as be employed under another contract of employment;
13. The amount of remuneration in the project will be in accordance with the regulations of the OPUS 25 competition;
14. Fluent knowledge of English;
15. Impeccable ethical attitude.

#### **ADDITIONAL ADVANTAGE WOULD BE:**

1. Proficiency in Polish language.

#### **RESPONSIBILITIES:**

1. Carrying out the behavioural procedures, e.g. assessment of antidepressant-like and anxiolytic-like behaviours in rodents;
2. Viral vector preparation and injections;
3. Conducting experiments using biochemical (immunohistochemical stainings, Western blotting), molecular (preparation of bacterial and viral vectors, RT-PCR, *in situ* hybridization), functional assays and microscopic imaging;



4. Analysis of research results, including statistical analysis;
5. Data processing and preparation of manuscripts for publication and presentation of the obtained results during scientific conferences;
6. Strict adherence to the code of ethics of Polish Academy of Sciences employee;
7. Adherence to rules and regulations in force at the IP PAS.

### **CONDITIONS OF EMPLOYMENT:**

Full-time employment in the project on the basis of an employment contract for a maximum period of 48 months.

### **REQUIRED DOCUMENTS:**

1. Application for employment for the above-mentioned position together with a cover letter with a description of scientific interests;
2. List of information about the candidate in accordance with Appendix 1 to the Form;
3. Personal questionnaire for a person applying for employment in accordance with Appendix 2 to the Form;
4. A copy of the doctoral diploma or a certificate of obtaining a doctoral degree;
5. Short self-presentation;
6. A copy of the certificate of completion of training in conducting research with the use of laboratory animals;
7. Contact details of persons who can provide information about the candidate and who agreed to be contacted and/or reference letters;
8. Certificate of English language proficiency, if available;
9. Declaration of the primary workplace and affiliation of research and publication in accordance with Appendix 3 to the Form;
10. Information on the processing of personal data in accordance with Appendix 4 to the Form;
11. A declaration of impeccable ethical attitude in accordance with Appendix 5 to the Form.

Applications along with the required documentation should be sent in electronic form to the following e-mail address: [ifpan@if-pan.krakow.pl](mailto:ifpan@if-pan.krakow.pl) by **26.09.2024**.

The title of the message should indicate which competition the application concerns:  
**"Competition - assistant (post-doc) at the Department of Physiology IP PAS - OPUS 25 grant"**

The winner of the competition will be selected from among those meeting the formal and substantive requirements based on the analysis of documents and possible interviews.

Please be advised that we will contact only selected candidates and we will not return the submitted documents. We reserve the right to void the contest without giving any reason.

**For additional information, please contact:**

Professor Krzysztof Tokarski, PhD – Leader of the project OPUS 25

e-mail: [ktok@if-pan.krakow.pl](mailto:ktok@if-pan.krakow.pl)

tel.: +48 12 662 32 39

**Date of the competition announcement – 6.09.2024 r.**

**Deadline for submitting applications - 26.09.2024 r.**

**Date of the competition settlement - 3.10.2024 r.**



## Appendix 1

### RESEARCH BACKGROUND FORM FOR CANDIDATES APPLYING FOR THE POSITION OF ADJUCT RESEARCHER / ASSISTANT

#### I. Personal data:

1. First and last name:
2. Date of birth:
3. Course of scientific and professional career:

Academic degree / scientific title	Year	University / Unit	Faculty
Master			
PhD			
Habilitat			
Position	From... to...	Place of work	Unit

4. Research topics (up to 30 words):

.....

#### II. Scientific achievements:



No.		Number
1	Articles in scientific journals listed in the Journal Citation Reports (JCR) database	
2	Articles in scientific journals NOT listed in the Journal Citation Reports (JCR) database	
3	Books, monographs and book chapters	
4	Invited oral presentations at international conferences	
5	Invited oral presentations at scientific conferences other than those mentioned under 4	
6	Reviewer of projects and / or scientific manuscripts	YES / NO
7	Supervision of bachelor's, engineer's and master's theses	
8	Short-term research stays abroad (up to 3 months)	
9	Long-term research stay abroad (over 3 months)	
10	Principal investigator in research projects (NCN grants, NCBiR grants and other). Contractor in research projects (NCN grants, NCBiR and other)	



11	Practical applications and patents	
12	Number of citations without self-citations according to the database.....	

**2. The three most important publications in the entire scientific output**

- .....
- .....
- .....

**3. Participation in research projects** (up to 5). Please specify the title of the grant / project, the type and duration of the grant / project, role and source of funding.

**III. Popularization and organizational activity**

1. Monograph lectures
2. Outreach activities (up to 5):
3. Organization of conferences, seminars, scientific meetings - roles in the Committees (up to 5)

**IV. Awards and distinctions for scientific activity.**

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**Applicant's signature**





## Appendix 2

### PERSONAL DATA FORM FOR APPLICANTS

1. Name (names) and surname

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2. Date of birth

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4. Contact details

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(provided by the applicant)

4. Education (if it is required to perform a specific type of work or on a given position)

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(university name and graduation year)

.....

.....

(profession, specialisation, academic degree, professional title, academic title)



5. Professional qualifications (if they are required to perform a specific type of work or on a given position)

.....  
(courses, postgraduate studies or other forms of advancing knowledge or skills)

6. Employment history (if it is required to perform a specific type of work or on a given position)

.....  
.....  
(employment periods, successive employers and positions taken)

7. Additional personal data, given that the right or duty to provide them is required under specific regulations

.....  
Place and date

.....  
Applicant's signature



## Appendix 3

### Statement

I, the undersigned ..... (name and surname) hereby declare that in case of being a successful candidate in an open competition, the Maj Institute of Pharmacology of the Polish Academy of Sciences (IP PAS) shall be my primary place of employment.

I also declare that I agree to the affiliation of research and publications to the IP PAS as part of the employment relationship.

.....  
*Place, date, legible signature*



## Appendix 4

### INFORMATION CLAUSE ON PERSONAL DATA PROCESSING

*Pursuant to Article 13 and 14 of the 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 the free movement of such data and repeal of Directive 95/46/EC ("General Data Protection Regulation"), hereinafter referred to as the "Regulation", the Maj Institute of Pharmacology notifies that:*

1. The Maj Institute of Pharmacology of the Polish Academy of Sciences, 12 Smętna Street, 31-343 Kraków, represented by the Director of the Institute, shall be the Administrator of your personal data.
2. The Maj Institute of Pharmacology of the Polish Academy of Sciences is appointed the Data Protection Officer, e-mail: [iod@if-pan.krakow.pl](mailto:iod@if-pan.krakow.pl), phone: 501 979 962.
3. Your personal data in the scope indicated in the provisions of the labor law (including, inter alia, in the scope resulting from Article 22<sup>1</sup> § 1 of the Labor Code) will be processed pursuant to Article 6 paragraph 1 point c (processing is necessary to fulfill the legal obligation incumbent on the administrator) and Article 6 paragraph 1 point b of the GDPR (processing is necessary to take steps at the request of the data subject before concluding the contract), and in the remaining scope pursuant to Article 6 paragraph 1 point a of the GDPR (consent of the data subject).
4. Your personal data will be processed in order to carry out the recruitment procedure.
5. Providing personal data is voluntary, but necessary for participating in the recruitment procedure. Failure to provide personal data shall result in inability to take part in the recruitment, and in case of being a successful candidate providing personal data is a prerequisite for entering into the above-mentioned contract.
6. In case of concluding the above-mentioned contract, your personal data shall be processed pursuant to the Act of 26 June 1974 – Labour Code (Journal Of Laws of 2020, item 1320; of 2021, item 1162) in order to perform an employment contract and on the basis of your consent in the recruitment process.
7. Your personal data shall not be transferred to third countries.
8. The recipients of your personal data shall be entities authorized to receive them on the basis of legal provisions, including ZUS (The Social Insurance Institution), the relevant tax office, NFZ (The National Health Fund).



9. Your personal data shall be stored for the period: until the recruitment process has been completed, and in case of concluding an employment contract for 10 years of the date of its expiry for archiving purposes.
10. You have the right to: access your personal data and rectify them, as well as the right to delete, limit processing, transfer and object to processing of personal data – in cases and on grounds set forth in the General Data Protection Regulation.
11. You have the right to withdraw your consent at any time, without affecting the lawfulness of processing based on consent before its withdrawal. The withdrawal of consent shall be sent:
  - a. by e-mail to the following address: [kadry@if-pan.krakow.pl](mailto:kadry@if-pan.krakow.pl),
  - b. by traditional mail to the following address: Instytut Farmakologii im. Jerzego Maja Polskiej Akademii Nauk, ul. Smętna 12, 31-343 Kraków,
  - c. or the consent can be withdrawn in person by appearing in the Human Resource Unit of the Maj Institute of Pharmacology of the Polish Academy of Sciences.
12. You have the right to lodge a complaint to the President of the Personal Data Protection Office if you consider that the processing of data relating to you infringes the General Data Protection Regulation.

I acknowledge that I have read, understand and accept the above information.

.....  
*Place, date, legible signature*

### **CONSENT FOR PERSONAL DATA PROCESSING**

I consent to the processing of my personal data contained in my job offer (beyond the scope of statutory obligations) for the purposes of the recruitment process, in accordance with Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 and the Act of 10 May 2018 on the protection of personal data (Journal Of Laws of 2019, item 1781) and in accordance with the information clause attached to my consent.

.....  
*Place, date, legible signature*

## Appendix 5

### Statement

I declare that no disciplinary proceedings are pending (nor were pending) against me for violation of the principles of academic integrity and that I am not listed in the Krajowy Rejestr Karny (National Criminal Register).

.....  
*Place, date, legible signature*