

FORM FOR EMPLOYERS

INSTITUTION International Institute of Molecular Mechanisms and Machines (IMol)
Polish Academy of Sciences

CITY Warsaw

POSITION Postdoctoral researcher

DISCIPLINE Biology

POSTED 16.08.2021

EXPIRES 25.08.2021

WEBSITE <https://ncn.gov.pl/baza-ofert/?akcja=wyswietl&id=187263>

KEY WORDS Biology OncoSignalling Postdoc

DESCRIPTION (field, expectations, comments):

The International Institute of Molecular Mechanisms and Machines (IMol) Polish Academy of Sciences, was constituted in December 2020, in partnership with University Medical Center Göttingen, Germany and University of Warsaw, Poland. <https://www.imol.institute/>

IMol has been established to conduct scientific research and provide training in the fields of biological, chemical, medical, biotechnological, bioinformatics, biophysical, pharmacological, and similar sciences, in the international environment conducive to collaborative efforts, research and development interactions with biotechnological industry, and wide dissemination of our results.

Currently IMol is seeking for highly motivated candidates for a position of:

Postdoctoral researcher in the Laboratory of Molecular OncoSignalling

Project leader: dr Anna Marusiak

Project title: “The importance of MLK4 signalling in the communication between breast cancer cells and tumour-associated macrophages.”

Project is carried out within the “Sonata” programme of the National Science Centre.

Project description: The main objective of this project is to describe the role of MLK4-dependent communication between breast cancer cells and macrophages, which are the most abundant immune cells in tumour microenvironment. MLK4 is a serine/threonine kinase that plays an important role in various cellular processes including proliferation, differentiation, migration of cells. We have recently proven that MLK4 is highly expressed in breast carcinoma and that it contributes to invasive phenotype of breast cancer cells. In our new project, we will evaluate the role of MLK4 on the abundance and behaviour of immune cells, macrophages, in tumour surroundings.

Requirements of candidates:

- PhD degree in biotechnology, medicine or similar field;
- Have a strong background in cell biology and biology of cancer;
- Have excellent written and oral communication skills in English;
- Have good presentation skills (ideally having presented on international conferences);
- Have been an author on scientific publications;
- Show a good level of independence, self-reliability and motivation.

Required documents:

- Motivation letter;

- CV;
- A list of publications and conferences attended;
- One letter of support from an academic supervisor.

The required documents must be sent by e-mail in PDF format to a.marusiak@imol.institute before the deadline.

To allow us to process your data, please include the following statement in your application:

“I hereby consent to have my personal data processed by The International Institute of Molecular Mechanisms and Machines Polish Academy of Sciences, with its registered office: Smetany 2, 00-783 Warszawa for the purpose of carrying out a recruitment process and I Agree for a transfer of provided data to any entity responsible for the implementation of project. I have been informed of my rights and duties. I understand that provision of my personal data is voluntary.”

Key responsibilities of candidates:

- Perform experiments using biochemical, structural and molecular biology techniques (independently and in collaboration with other team members);
- Participate in experimental design and data analysis;
- Participate in the data preparation and writing of manuscripts;
- Actively participate in lab meetings, scientific seminars and conferences.

Deadline for applications: 2021-08-25

Job type: Employment contract, full time

Remuneration: 120 000 PLN p.a. (total cost) = ca. 5.950 net/month

Position starts: 1 September 2021

Maximum period of contract: 12 months

We offer:

Work in a young, active, team in an excellent scientific environment;

Comprehensive training in biochemistry and molecular biology;

Access to the state-of-the-art equipment and facilities;

Participation in courses and conferences.