

RECRUITMENT FOR A POST-DOCTORAL POSITION

**Institute of Medical Biology, Polish Academy of Sciences
Laboratory of Transcriptional Regulation
encourages candidates to apply for a post-doctoral position within a research project**

The recruitment call is pursuant to the decision by the Director of National Science Centre to fund the research project no. 2015/19/B/NZ7/03856 entitled “Endocytosis-stimulating antibodies against multidrug transporters as drug carriers” (OPUS 10 programme).

Requirements:

- Ph.D. degree in biological sciences or related field, received not earlier than 7 years prior to the year of employment commencement.
- Experience in experimental research work in the field of protein expression and cell biology using mammalian cells cultured *in vitro* as a model (experience in antibody engineering is not required but would be a boon in the recruitment process).
- High motivation and readiness to quickly perform and publish research with high scientific and biotechnological impact.
- Fluency in English.

Task description:

- Preparation (using biochemical and genetic engineering) of potentially immunotherapeutic conjugates of toxins with antibodies against multidrug resistance proteins.
- Using biochemical (including immunochemical) and cell biology (including microscopy and cellular fractionation) techniques to verify the activity of obtained conjugates.
- Execution of research tasks “Validation of the concept of delivery of small-molecule organic compounds into cells with antibodies against multidrug transporters” and “Validation of the concept of delivery of proteins into cells with antibodies against multidrug transporters”
- Collaboration in execution of research task “Verification of molecular mechanism and universality of the phenomenon of antibody-triggered endocytosis of membrane transporters”.
- Direct supervision and mentoring of one doctoral student.

Recruitment under rules of call NCN – OPUS 10 NZ

Deadline for application submission: December 13th, 2016.

Applications should be submitted by e-mail or per post.

Conditions of employment:

Full time work contract for a maximum total period of 24 months

**Additional information:**

Recruitment procedure will be executed according to the recruitment rules in force at the Institute of Medical Biology PAS (“Regulamin przeprowadzania konkursu na stanowiska naukowe w Instytucie Biologii Medycznej PAN”) since May 5th, 2011.

Required documentation:

- copy of Ph.D. diploma (translation not necessary)
- curriculum vitae with description of scientific achievements, including a list of publications in reputable scientific journals, scientific awards and scholarships, professional experience acquired nationally and internationally, scientific workshops and trainings attended, participation in research grants
- for foreign applicants: 2 reference letters from independent scientists (group leader level)
- cover letter with the following passage: “I hereby give consent to the processing and storage of my personal data included in my job application for the purposes of the recruitment process (according to the Law of Personal Data Protection from 29 August 1997, Dziennik Ustaw No.133, item 883)”

Documentation should be submitted in 1 copy until December 13th, 2016 directly to the research project leader at the following mailing address:

dr hab. Łukasz Pułaski
Instytut Biologii Medycznej PAN
ul. Tylna 3A
90-364 Łódź

with the following annotation on the cover: *Post-doc OPUS 10*

Documentation may alternatively be submitted electronically to the following e-mail address: lpulaski@uni.lodz.pl

Recruitment interviews (electronically for foreign applicants) will take place on:
December 20th, 2016.

Instytut Biologii Medycznej PAN
ul. Tylna 3A
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Result publication deadline: December 21st, 2016.

The organisers reserve the right to contact only applicants selected through verification of the submitted documents and reserve the right to reject all submitted applications, if it will be concluded that they do not meet the criteria. Also be advised that any documents sent in shall not be returned to applicants.

For any additional information please contact the project leader at lpulaski@uni.lodz.pl