



UNIwersytet
Warszawski

Wydział Chemii



Warsaw, 23.11.2023

WCH.1210-13/2023

An announcement for Post-doc position

Position of post-doc (a group of science positions) in the NCN SONATA 17 No. 2021/43/D/NZ5/02559 project entitled "Chronic pain in obesity: from cellular mechanisms to new strategies for targeted therapy" financed by the National Science Centre is open for application. Project leader: Anna Piotrowska-Murzyn PhD. Project leader at the University of Warsaw: Professor Aleksandra Misicka-Kęsik.

The post-doc (asystent w grupie pracowników badawczych) will run a research in exact and natural sciences, in discipline of pharmaceutical sciences and medical sciences. Available positions: 1

We are looking for motivated candidates:

- with a PhD degree in biology, biotechnology, biochemistry, pharmacy, medicine or related sciences (required on the first day of work at the latest)
- ability to work with laboratory animals and having a certificate of completion of training for people participating in experimental procedures,
- ability to collect tissues (spinal cord, brain structures, liver, sciatic nerve) and blood from mice and rats,
- knowledge of animal anatomy with particular emphasis on the spinal cord,
- ability to prepare biological material for chemical tests,
- ability to collect tissues for biochemical analyses and the ability to perform biochemical analyses: RT-qPCR, Western blot, immunohistochemistry,
- ability to conduct statistical analysis of the obtained results,
- good knowledge of English,
- experience in the thematic and methodological area of the project,
- teamwork skills.

The candidate must meet the requirements of art. 113 of the Act - Law on Higher Education and Science dated July 20, 2018 (Polish Journal of Laws of 2023, no. 742).

Main duties:

- collecting biological material from mice and rats (brain structures, spinal cord, liver, sciatic nerve, blood),
- securing biological material and preparing it for further chemical and biochemical analyses,
- homogenization of biological material for chemical analyses,
- conducting biochemical tests and assistance in performing chemical analyses (HPLC/LC-MS),
- analysis and interpretation of the obtained results and preparation of manuscripts,
- keeping scientific documentation of the results obtained,
- presentation of the obtained results at national and international scientific conferences, symposia, and workshops.

The position offers candidates significant opportunities to develop their scientific careers and expand their knowledge and skills, gain experience, and establish professional contacts. Thanks to the interdisciplinary nature of the project, the person employed in this

position will be able to combine knowledge in the fields of biology, medicine, and pharmacology with analytical skills acquired at the Faculty of Chemistry, University of Warsaw.

We offer:

a temporary contract with the University of Warsaw (full time position/employment contract for 18 months) from February 2024 till 31 of July 2025 (with possibility of extension).

Required documents:

- Curriculum Vitae (CV),
- information on the processing of personal data (available in the application form),
- declaration of having read and accepted the rules for conducting competitions at the University of Warsaw (available in the application form),
- a copy of the diploma of completion of third-cycle studies,
- list of publications and conference presentations,
- list of grant projects on which the candidate cooperated.

Please submit the documents **no later than 23 of December 2023** in an application form available at: <https://chem.uw.edu.pl/formularz/formularz-aplikacyjny-13-2023/>

The results of the competition will be given by e-mail till 8 of January 2024.

The competition is the first stage of the employment procedure as an academic teacher, and its positive outcome is the basis for further proceedings.