

COMPETITION FOR THE GRADUATE STUDENT SCHOLARSHIP

INSTITUTION: Faculty of Biology AMU
Department of Molecular Virology
CITY: Poznań
POSITION: M.Sc. scholarship
NUMBER OF POSITIONS: 1
DATE OF ANNOUNCEMENT: 4.12.2024 r.
APPLICATION DEADLINE: 18.12.2024 r.
TYPE OF NCN PROJECT: OPUS 18 – NZ
PROJECT NUMBER: 2019/35/B/NZ9/03851

Recruitment concerns the project:

„Research on molecular mechanisms of functions of pathogenesis-related proteins of *Chelidonium majus* latex” – description of the project available at: <https://www.ncn.gov.pl/sites/default/files/listy-rankingowe/2019-09-16/streszczenia/465327-pl.pdf>

The project aim is:

elucidation of the structure, function and molecular mechanism of *Chelidonium majus* GRP and MLP proteins and their antiviral and anticancer activity through analyses of *C. majus* MLP and GRP-deficient mutants, as well as the use of selected cell lines. The project includes biotechnological production of two *C. majus* latex proteins: MLP and GRP and molecular testing of antiviral and anticancer activity of their combinations with alkaloids, among others, using HPV pseudoviral particles (PsV) and cancer cell lines.

Key words:

Chelidonium majus, plant defense proteins, pathogenesis-related PR proteins, milky sap, antiviral activity

I. Scholarship description:

- The selected candidate will become a member of the research team in the project, implementing the wet-lab experiments
- The amount of the scholarship: **1,651.57 PLN** per month for **7 months**
- Anticipated starting date **1.01.2025 r.**
- You will be part of a small research team of closely cooperating biologists and biotechnologists
- You will get the opportunity to gain new skills and experience through participation in workshops and scientific conferences and ongoing work progress evaluation
- We will support development of your scientific career

II. Requirements for candidates:

- Bachelor's degree in biology or biotechnology
- **Completed the first year of M. Sc. studies**
- Knowledge of molecular biology and biotechnology
- Experience in molecular biology techniques, working with DNA, RNA, proteins will be appreciated
- Good command of the English language, enabling the use of professional literature
- Reliability and enthusiasm for research work
- Ability to work in a team
- Self-discipline
- Striving for independence in scientific work
- Presentation of results at seminars and conferences and participation in writing scientific publications

III. Required documents:

- Curriculum Vitae

with the following clause: " In accordance with Article 6 (1) (a) of the General Data Protection Regulation of 27 April 2016. (OJ EU L 119/1 of 4 May 2016) I consent to the processing of personal data other than: first name, (first names) and surname; parents' first names; date of birth; place of residence (mailing address); education; previous employment history, included in my job offer for the purpose of the current recruitment."

- Letter of motivation
- A copy of your bachelor's degree
- Other certificates (courses, training, awards), letters of reference, etc.

The application documents should be sent by e-mail to the following address: **rnawrot@amu.edu.pl** with the title "Competition - graduate student". The required documents must be attached in PDF format. Receipt of the application will be confirmed to the sender's e-mail address.

Application deadline is **18 December 2024**

After initial verification on the basis of the submitted documents, the selected candidates will be invited to an interview on 20 December 2024 at the latest. The selected candidates will be notified by e-mail about the time and date.

Criteria of candidates evaluation:

- candidate's scientific and professional experience (based on participation in conferences, workshops, trainings and internships or participation in research projects),
- knowledge of molecular biology,
- candidate's scientific achievements based on grades from studies, scientific and popular science publications, scholarships, awards and distinctions resulting from research or student activity,
- other achievements,
- knowledge of the English language.

For detailed information, please contact the project principal investigator:

prof. AMU dr hab. Robert Nawrot, e-mail: rnawrot@amu.edu.pl

tel: 61 8295931

RODO Information Clause :

Pursuant to Article 13 of the General Data Protection Regulation of 27 April 2016. (Official Journal of the EU L 119 of 04.05.2016) we inform that:

1. The controller of your personal data is Adam Mickiewicz University, Poznań with the official seat: ul. Henryka Wieniawskiego 1, 61 - 712 Poznań.
2. The personal data controller has appointed a Data Protection Officer overseeing the correctness of the processing of personal data, who can be contacted via e-mail: iod@amu.edu.pl.
3. The purpose of processing your personal data is to carry out the recruitment process for the indicated job position.
4. The legal basis for the processing of your personal data is Article 6(1)(a) of the General Data Protection Regulation of 27 April 2016 and the Labour Code of 26 June 1974. (Journal of Laws of 1998 N21, item 94 as amended).
5. Your personal data will be stored for a period of 6 months from the end of the recruitment process.
6. Your personal data will not be made available to other entities, with the exception of entities authorized by law. Access to your data will be given to persons authorized by the Controller to process them in the performance of their duties.
7. You have the right to access your data and, subject to the law, the right to rectification, erasure, restriction of processing, the right to data portability, the right to object to processing, the right to withdraw consent at any time.
8. You have the right to lodge a complaint to the supervisory authority - the Chairman of the Office for Personal Data Protection, ul.Stawki 2, 00 - 193 Warsaw.
9. Providing personal data is mandatory under the law, otherwise it is voluntary.
10. Your personal data will not be processed by automated means and will not be subject to profiling.