

**Scholarship offer for PhD student in the Opus 29 research project "Tropical viruses a new challenge for Europeans; sensitive tools for their detection"**

financed by



NATIONAL SCIENCE CENTRE  
POLAND

**Project manager: Prof. Dr. hab. Anna M. Nowicka**

**Requirements:**

- a declaration of intent to apply to the University of Warsaw's doctoral program in the upcoming admissions cycle – confirmation of admission to the doctoral program is a prerequisite for signing the scholarship agreement
- Master's degree in chemistry or related sciences,
- laboratory experience, with particular emphasis on working with biological systems,
- basic knowledge of antibodies, voltammetric techniques, and sensor design,
- ability to work in a team, independently, and with good organizational skills,
- good command of English.

**Description of research tasks:**

The research will be performed at the Faculty of Chemistry, University of Warsaw, and will include:

- design and analytical characterization of immunosensors for the detection of selected tropical viruses (Dengue, Chikungunya, Zika);
- application of nanobodies and a magnetic field to improve sensor performance;
- creation of a portable system for detecting tropical viruses;
- testing the functionality of the constructed immunosensors in clinical samples.

**Application submission:** electronically only to [anowicka@chem.uw.edu.pl](mailto:anowicka@chem.uw.edu.pl)

**Deadline for applications:** May 15, 2026, at 11:59 PM; competition results are scheduled for May 16, 2026, at 3:00 PM. The selected candidate will be notified by email.

**Employment conditions:** Doctoral scholarship financed from the National Science Centre (NCN) project budget, in accordance with the NCN regulations and the Law on Higher Education and Science. Duration of the doctoral scholarship: 48 months (including 48 months financed from NCN project funds). The selected Candidate must apply to one of the Doctoral Schools at the University of Warsaw. The application deadline for the doctoral schools is May 21, 2026 (details: [szkolydoktorskie.uw.edu.pl](http://szkolydoktorskie.uw.edu.pl)). If the candidate is admitted to the Doctoral

School within the applicable enrollment limits and receives a doctoral scholarship, the stipend will be paid without any deductions (as a research scholarship). If, however, they are admitted through the non-quota recruitment process, the stipend will be paid with deductions, i.e., PLN 4,242.00 gross before the mid-term evaluation and PLN 5,340.90 gross after the mid-term evaluation.

**Number of positions: 1**

**Required documents:**

- application,
- CV with a list of previous scientific achievements and awards resulting from the conducted research,
- cover letter justifying the competence to carry out the indicated research tasks,
- copy of the master's degree diploma,
- information on the processing of personal data – information clause and consent clause – link to the form: <http://bsp.adm.uw.edu.pl/bsp-druki-do-pobrania/> (tab: For candidates applying for employment in a group of employees who are not academic teachers)

**Contact:**

Prof. Dr. hab. Anna M. Nowicka

University of Warsaw, Faculty of Chemistry,

1 Pasteura St,

PL-02-093 Warsaw, Poland

Tel. +48 22 5526361

e-mail: [anowicka@chem.uw.edu.pl](mailto:anowicka@chem.uw.edu.pl)

The evaluation of candidates' applications will be conducted by the competition committee in accordance with the regulations for awarding research scholarships financed by the National Science Centre. The person awarded the scholarship will be a participant in the Doctoral School of the University of Warsaw. The committee reserves the right not to award the scholarship and to rerun the competition if the candidates do not meet the requirements.

The competition results are scheduled for May 16, 2026, at 3:00 PM. The selected candidate will be notified by email.