

**Competition for the position of a doctoral scholarship
in the Department of Environmental Chemistry and Bioanalytics
(Faculty of Chemistry, Nicolaus Copernicus University in Toruń)
as part of a project financed by the National Science Center**

Requirements for the candidate:

1. Master's degree in chemical or related sciences.
2. The candidate should be a doctoral student at a Polish university in the discipline of chemical sciences.
3. Experience in the field of plant material analysis, environmental samples.
4. Practical knowledge of capillary electrophoresis (CE), liquid chromatograph (LC), inductively coupled plasma mass spectrometer (ICP-MS) (internships, training).
5. Activity in preparing application forms (grants, etc.).
6. Co-authorship in scientific publications and participation in scientific conferences.
7. Willingness and predisposition to undertake scientific work.
8. Ability to work independently and in a team.
9. Good command of spoken and written English.

Description of tasks:

The tasks of the PhD student will include the preparation and analysis of plant extracts by capillary electrophoresis. In addition, sample preparation and performance of Si and Cd speciation analysis in plant material using the HPLC-ICP-MS method. Preparation of the obtained results in the form of scientific articles and conference presentations.

Participation in the project:

The scholarship holder will participate in the research of the OPUS 18 project, entitled "*New strategies for obtaining bioactive compounds based on silicon*".

NCN call for proposals type: OPUS 18 – ST4

Deadline for submitting offers: 27.11.2020, 12:00

Form of offer submission: email

Date of settlement: 2.12.2020, 15:00

The conditions of employment:

The selected candidate will receive a scholarship for 34 months, 3 000 PLN/month

The expected date of starting work in the project: 01/01/2021

Additional information:

Required documents:

- a cover letter with a description of individual abilities and achievements, including information on the research techniques mastered
- complete curriculum vitae/CV containing information about the course of previous education, a list of publications, internships, scholarships and other achievements
- a copy of the diploma certifying the receipt of a master's degree
- contact details for at least one current research supervisor
- a declaration of consent to the processing of personal data contained in the job offer for the needs of the recruitment process, in accordance with Regulation (EU) 2016/679 of the European Parliament and of the Council (Journal of Laws UE L 119/1).

Documents should be sent by e-mail to the following address: mszultka@umk.pl (dr hab. Małgorzata Szultka-Młyńska, prof. UMK)

The Recruitment Committee reserves the right not to inform all candidates about the results of the competition, which is tantamount to rejecting their candidacy.