



Research centre
for toxic compounds
in the environment



NEW POSTDOC POSITION

in the field of Environmental Chemistry and Toxicology

RECETOX (Masaryk University, Brno, Czech Republic) invites excellent scientists to apply for postdoctoral researcher position to work on the project

Nanopesticides in the Environment – Understanding their Fate, Bioavailability, Effects and Risks in Soil and Water

This 3-year project (1/2018 – 12/2020) funded from Czech Science Foundation focuses on the novel formulations of pesticides using polymer organic carriers from the perspective of their fate, bioavailability, effects and risks in the environment. The project aims (1) to adapt, optimize and verify current methods for the study of nanopesticide fate, bioavailability and effects, (2) to increase understanding of factors and mechanisms of nanopesticide behaviour and bioavailability in soil and water, and (3) to elucidate the impact of nanoformulation on pesticide toxicity and risks. It will consist of several actions and studies employing a battery of chemical, biological and physical methods, soil and aquatic media and organisms, laboratory and microcosm experiments.

Required qualifications:

- PhD in Environmental Chemistry, Ecotoxicology or similar area related to the project topic received within the last 7 years
- is the first or corresponding author of at least 2 publications registered in the Web of Science published in the last 3 years
- skills and practical experiences in analysis of organic environmental pollutants – preferably LC/MS
- practical experiences with experiments or studies related to environmental chemistry or (eco)toxicology
- perfect knowledge of fundamentals of environmental chemistry and ecotoxicology
- we expect high motivation for scientific work, creative thinking, independence in planning and realization of research tasks, good communication in English and ability to work in a larger international team





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The Research Centre for Toxic Compounds in the Environment (RECETOX, www.recetox.muni.cz) is a research and educational facility of the Masaryk University in Brno, Czech Republic (<https://www.muni.cz/en>). RECETOX focuses on interactions among chemicals, environment, and biological systems, including ecological and human risk assessments. RECETOX offers excellent research facilities and inspiring international environment.

MU offers the opportunity to gain:

- an interesting job in a dynamically-expanding university area
- a diverse and challenging work in an excellent research environment
- a professional team and a pleasant working environment
- interaction with leading scientists in an inspiring, internationalised environment
- a Welcome Service for the successful candidate and his/her family

Anticipated start date: March 1st, 2018

For further information contact: Assoc. Prof. Jakub Hofman (hofman@recetox.muni.cz)

If interested, send your application including

- CV with work experience summary, publication activity, involvement in research grants etc.
- motivation letter
- copy of certificates
- contact information of at least two referees

to Jakub Hofman hofman@recetox.muni.cz as soon as possible, January 31st the latest.

Applications are accepted until the position is filled. A review of applications will run continuously as they are received. The best application candidates will be invited for personal or online interview during January – February 2018.