



Research centre
for toxic compounds
in the environment



Norwegian University
of Life Sciences



Young Researchers – Educate, Discover, Prove and Apply in Environmental Sciences

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RECETOX, Masaryk University

Main goals

- to support researchers at early stage of their research
- to give them the opportunity to share new experience and knowledge with academic and research staff from abroad
- to foster cooperation between Masaryk University and Norwegian University of Life Sciences (NMBU)

RECETOX

Research Centre for Toxic Compounds in the Environment

- independent department at the Faculty of Science at Masaryk University
- more than 30 years of scientific and educational tradition
- one of the biggest and the most successful departments at Masaryk University



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RECETOX

Four main research programmes

- Environmental chemistry
- Photochemistry
- Protein engineering
- Ecotoxicology



Supported by advanced research infrastructure

- Trace laboratory
- GENASIS information system
- ELSPAC database

Bilateral cooperation with NMBU

- long-term cooperation with Prof. Roland Kallenborn

NMBU's research is enabling people all over the world to tackle the big, global challenges regarding the environment, sustainable development, how to improve human and animal health, renewable energy sources, food production, and land- and resource management.



- **joint project** between MU and NMBU
 - participation in exchange stays
 - new collaboration, networking opportunities and sharing experience

Activities

- visits of young Czech researchers to Norway
- visits of young Norwegian researchers to the Czech Republic
- training visits of project managers to Norway
- invited presentations of Norwegian experts in environmental sciences

Activities

visits of young Czech researchers to Norway

visits of young Norwegian researchers to the Czech Republic

training visits of project managers to Norway

invited presentations of Norwegian experts in environmental sciences

- during May and June 2016
- 4 short-term visits of Czech PhD students and postdocs in Norway
- 14 days at Norwegian University of Life Sciences
- new collaboration, building international contacts, sharing practical skills

Activities

visits of young Czech researchers to Norway

visits of young Norwegian researchers to the Czech Republic

training visits of project managers to Norway

invited presentations of Norwegian experts in environmental sciences

- 4 short-term visits of Norwegian students to the Czech Republic
- 14 days at RECETOX
- new collaboration, building international contacts, sharing practical skills
- participation in the 12th RECETOX Summer School
- learning new methods, discussing research papers, etc.
- attendance at seminars organized for researchers from both institutions

Activities

visits of young Czech researchers to Norway

visits of young Norwegian researchers to the Czech Republic

training visits of project managers to Norway

invited presentations of Norwegian experts in environmental sciences

- one-week stay of two project managers at the NMBU Grant Office
- training includes
 - presentations of both institutions
 - sharing knowledge in project management
 - discussions on project management
 - visits to NMBU departments

Activities

visits of young Czech researchers to Norway

visits of young Norwegian researchers to the Czech Republic

training visits of project managers to Norway

invited presentations of Norwegian experts in environmental sciences

- during May and June 2016
- 3 invited presentations at RECETOX
- for academic and research staff and students

Invited experts



Dr. Ian Allan

NIVA – the Norwegian Institute for Water Research

Ian's research work focuses on the understanding of contaminant fate and transport in the environment and availability to biota and humans. Much of his work is towards the development of passive sampling techniques for the measurement of available and mobile contaminants in water, sediments and air compartments.



Dr. Amrit Kaur Sakhi

NIPH - Norwegian Institute of Public Health

Amrit's research work focuses on analytical chemistry and nutrition. She's responsible for one of their cohorts/study groups, where they sampled air, dust, window wipes, hair, blood, urine, food, and questionnaire data and measured a wide range of toxicants.

Conclusion

- time-consuming and demanding preparation of activities
- organization of exchange stays and invited presentations during next months
- original schedule had to be updated

... but it's worth it 😊



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Thank you for your attention

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