



SIXTH FRAMEWORK PROGRAMME
PRIORITY INCO-2005-C-WBC
Reinforcement of the WBC research capacities

 **REP-LECOTOX**

REINFORCEMENT OF RESEARCH POTENTIAL OF THE LABORATORY FOR ECOTOXICOLOGY

First announcement and call for abstracts

REP-LECOTOX 2nd WORKSHOP

TRENDS IN ECOLOGICAL RISK ASSESSMENT

21 - 23 September 2009

visit www.lecotox.net and find more information

UNIVERSITY OF NOVI SAD FACULTY OF SCIENCES
DEPARTMENT OF BIOLOGY AND ECOLOGY
TRG DOSITEJA OBRADOVICA 2
21000 NOVI SAD, SERBIA

Organized by



LABORATORY FOR ECOTOXICOLOGY
DEPARTMENT OF BIOLOGY AND ECOLOGY
UNIVERSITY OF NOVI SAD FACULTY OF SCIENCES

SIXTH FRAMEWORK PROGRAMME

REINFORCEMENT OF RESEARCH POTENTIAL OF THE LABORATORY FOR ECOTOXICOLOGY INCO-CT-2006-043559-REP-LECOTOX UNSFS

REP LECOTOX Project Coordinator

Prof. Dr Radmila Kovacevic, LECOTOX, UNSFS, Serbia

REP LECOTOX Project Advisory Board

Prof. Dr Kevin Chipman, School of Biosciences, UK

Prof. Dr Ivan Holoubek, RECETOX, Brno, CZ

Dr Werner Brack, UFZ, Leipzig, Germany

Prof. Dr Heinz-R. Köhler, University of Tübingen, Germany

Ecotoxicogenomics represents the study of gene and protein expression in non-target organisms that is important in responses to environmental toxicant exposures. Molecular-based approaches, such as transcriptomics, proteomics and metabolomics for studying the impact of chemicals on human and wildlife populations have an important role in hazard and risk assessment.

Development and application of genomic-based tools to tackle ecotoxicological questions, and intensive collaboration among researchers throughout the world on that issue, indicate significance of orientation to such propulsive field of investigation.

Project objectives

- To introduce and apply genomics based tools to ecotoxicological research
- To reinforce research capacities in the field of ecotoxicology and environmental analysis through acquiring state of the art equipment and methodologies
- To exchange researchers and provide training of our young researchers in EU partner's institutions

REP-LECOTOX 2nd WORKSHOP

TENTATIVE PROGRAMME

Monday 21 – Wednesday 23 September 2009

SECTION 1: RISK ASSESSMENT OF CHEMICALS WITH SPECIAL ATTENTION TO REACH

- **Key note lecture:** Integrated approaches to the evaluation of the human and ecological risks case of POPs – How we can use data from monitoring for risk assessment? *Ivan Holoubek*, RECETOX, Brno, Czech Republic

1. A. Legislative aspect

- **Invited lecture:** Regulatory Need for Integrated Risk and Health Impact Assessment – Current Approaches and New Directions, *Dimosthenis Sarigiannis*, Institute for Health and Consume Protection European Commission - Joint Research Centre, Ispra, Italy

1. B. Emerging substances and nanomaterials: analysis, environmental fate, effects, ERA

- **Invited lecture:** Assessment of endocrine disruptive potential of complex pollutant mixtures in river ecosystems, *Klara Hilscherova*, RECETOX, Brno, Czech Republic
- **Invited lecture:** Assessment of emerging contaminants in municipal wastewaters – a transition country perspective, *Marijan Ahel*, Institute Rudjer Boskovic, Zagreb, Croatia

1. C. Incorporating “Omic” Information into Risk Assessment and Policy

- **Invited lecture:** Potential applications of system biology (‘omics’) for the regulation of chemicals and pharmaceuticals, *Stefan Scholz*, UFZ, Leipzig, Germany
- **Invited lecture:** Application of “Omic” technologies to monitoring, *Brett Lyons*, CEFAS, UK

SECTION 2: ECOSYSTEM RISK ASSESSMENT

- **Key note lecture:** From complex contamination to individual toxicants - Effect-directed analysis as an approach to unravel cause-effect relationships in polluted sediments, *Werner Brack*, Department for Effect-Directed Analysis, UFZ, Leipzig, Germany

2. A. Aquatic ecosystems, ERA in WFD and GD

- **Invited lecture:** Sediment and the WFD: a current and future perspective inspired by SedNet, *Jos Brils*, Deltares, Utrecht, The Netherlands
- **Invited lecture:** Effect-directed analyses (EDA) approach for identification of hazardous chemical contamination in the Sava River Basin, *Tvrtko Smital*, Institute Rudjer Boskovic, Zagreb, Croatia
- **Invited lecture:** Nutrient pollution of surface waters and associated risks to ecosystems and human health (water blooms & cyanobacterial toxins) *Ludek Blaha*, RECETOX, Brno, Czech Republic

- **Invited lecture:** Bioavailability of organic contaminants in aquatic environment, *Jussi Kukkonen*, Laboratory for Aquatic Ecology and Ecotoxicology, Faculty of Biosciences, University of Joensuu, Finland

- **Invited lecture:** Water quality in Vojvodina Region-recent screening of specific pollutants, *Ivana Ivancev Tumbas*, Laboratory for Chemical Technology and Environmental Protection, Department of Chemistry, UNSFS, Novi Sad, Serbia

2. B. Special topic

- **Invited lecture:** Risk assessment of toxicants and ecosystems: the challenge for understanding the reality, *Mikhail Beketov*, Department of System Ecotoxicology, UFZ, Leipzig, Germany

2. C. Terrestrial ecosystems

- **Invited lecture:** The role of ecological risk assessment in contaminated land management, *Joop Vegter*, TNO, The Netherlands
- **Invited lecture:** Dredged sediments application on land, *Jakub Hoffman*, RECETOX, Brno, Czech Republic

Workshop Scientific Committee

Ivan Holoubek, RECETOX, Brno, Czech Republic

Werner Brack, UFZ, Leipzig, Germany

James Kevin Chipman, School of Biosciences, Birmingham, UK

Radmila Kovacevic, UNSFS, Novi Sad, Serbia

Stefan Scholz, UFZ, Leipzig, Germany

Klara Hilscherova, RECETOX, Brno, Czech Republic

Ludek Blaha, RECETOX, Brno, Czech Republic

Ivana Teodorovic, UNSFS, Novi Sad, Serbia

Ivan Grzetic, Belgrade University, Faculty of Chemistry, Belgrade, Serbia

Ivana Ivancev Tumbas, UNSFS, Novi Sad, Serbia

Workshop Organising Committee

Ivana Teodorovic, LECOTOX, UNSFS, Serbia

Radmila Kovacevic, LECOTOX, UNSFS, Serbia

Sonja Kaisarevic, LECOTOX, UNSFS, Serbia

Ivana Planojevic, LECOTOX, UNSFS, Serbia

Svetlana Fa, LECOTOX, UNSFS, Serbia

Vanja Dakic, LECOTOX, UNSFS, Serbia

Kristina Pogrmic, LECOTOX, UNSFS, Serbia

Branka Glisic, LECOTOX, UNSFS, Serbia

Jelena Hrubik, LECOTOX, UNSFS, Serbia

Workshop objectives and outcomes

- To present comprehensive information about the current state, challenges and trends in the field of ecological risk assessment, with special reference to application into environmental management practice.
- To provide local and regional professionals, decision makers, different stakeholders (industry, regulatory agencies, academia...) with the comprehensive overview of current EU regulations and future trends regarding risk assessment of chemicals and ecological risk assessment (with special reference to REACH and WFD).
- To serve as a forum for knowledge and information exchange and dissemination.
- To make a substantial contribution to Serbian/WBC societies in the processes of transition and harmonisation with EU environmental regulation, policy and practice with EU.
- To enable further networking of Serbian/WBC and EU professionals and institutions.
- To promote LECOTOX as a centre for ecotoxicological research.

VERY IMPORTANT INFORMATION

REGISTRATION FEE

"early bird" till 1 June 2009 70 EUR
after the deadline and on spot 100 EUR

Registration fee includes: workshop material, morning and afternoon coffee breaks, lunches and reception dinner

Bank transfer instructions:

Correspondent bank: **Deutsche Bank AG., Frankfurt**
Swift Address: **DEUTDEFF**
Account No: **100 9359308 0000**
Acc. with bank: **NBSRRSBG /01-500101-100001521-000000-0000**
Beneficiary: **University of Novi Sad Faculty of Sciences**
IBAN code: **RS 35908500101000152158**
Details of payment **registration fee for 2nd REP LECOTOX Workshop for
(state full name and surname)**

Registration: On line LECOTOX web-site: www.lecotox.net or with the registration form downloaded from the web-site, return by 1 June 2009 to lecotox@ib.ns.ac.yu

Participants are invited to submit short abstracts along with the registration for poster presentation on case studies in line with general topics. Scientific Committee will review the abstracts by 1 August and invite 6-8 participants for short presentations (15 min) in plenary. The other accepted abstracts will be presented in poster session(s).

Key note lecturers, invited speakers and the authors of the abstracts selected for short oral presentations will be invited to prepare and submit full papers for peer reviewed SCI listed journal after the workshop.



www.lecotox.net

Contact

LECOTOX

Laboratory for Ecotoxicology
Department of Biology and Ecology
University of Novi Sad Faculty of Sciences
Trg Dositeja Obradovica, 2,
21000 Novi Sad, Serbia

Fax ++381-21-450-620

www.lecotox.net | lecotox@ib.ns.ac.yu

Check out our site to get information on accommodation, transportation and more.