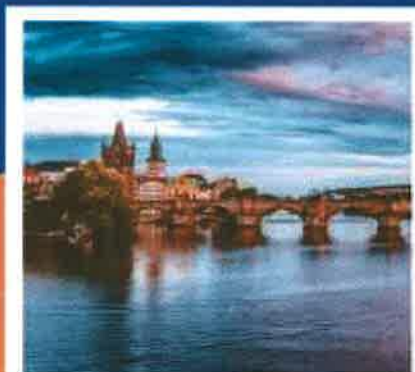


13TH BIODETECTORS CONFERENCE 2022

PRAHA - CZECH REPUBLIC
13-14 SEPTEMBER 2022



You are invited to attend and actively participate (Presentation or Poster).

The meeting will bring together scientists involved in the development and application of in vitro effect-based bioanalysis technologies

Venue location:

Czech Association of Scientific Societies
Novotného lávka 5, 110 00 Praha 1

Registration and Participation

For registration and further info please contact either:
info@bds.nl or Info@arnika.org

Registration fee per person:

100 € / day professionals

75 € / day for students and post-docs

50 € for the dinner

How to get there:

By train: Prague Main Station

By plane: Prague International Airport

Recommended Hotels:

Hotel 1: Motel One Prague

Hotel 2: Hotel Mercure Prague

Hotel 3: Hotel Adler



BioDetection Systems



Program

Tuesday 13 September

General Introduction Session

- 09.45-10.00 Welcome to 13th BioDetectors (J. Petrlik, Arnika)
10.00-10.30 BioDetectors Future (B. Brouwer, BDS)
10.30-11.00 Global Chicken Egg Monitoring for POPs (J. Petrlik, Arnika)

Application of Bioassays: Current hot topics

- 11.00-11.30 Food pollutants & Bioassays (T. Bovee, WFSR)
11.30-12.00 Green Chemistry and Mixture toxicity (B. van der Burg, BDS)
12.00-12.30 Toxic Consumer Products (J. Strakova, Arnika)
12.30-13.00 PFAS toxicity in products and water (P. Behnisch, BDS)
13.00-14.00 **Lunch & Posters**

Application of Bioassays: Water Safety

- 14.00-14.20 Bioactive compounds in water (C. Houtman, HWL)
14.20-14.40 Joint Danube River Water Survey (P. Sauer, Uni Bohemia)
14.40-15.00 Hormone activity in Czech waters (K. Kroupová, Uni Bohemia)
15.00-15.20 Assessment drinking water in China (E. Dopp, IWW/Uni DuE)
15.20-15.40 **Coffee Break and Poster Session**
15.40-16.00 Unexpected substances from organic materials in contact with drinking water (R. Junek, UBA)
16.00-16.20 Composting of Eco-faeces (E. Binner, BOKU)
16.20-16.40 Toxicity profiling of Plastic (reserved)
16.40-17.00 Office dust & wristband toxicity (A. Young, Harvard University)
17.00-18.00 **Aperitif**

19.30-..... Social event with all participants

*Social event
Dinner*

Program

Wednesday 14 September

Application of Bioassays: Case studies

- 09.00-09.35 Brominated Dioxins of BFR-related Facility (G. Suzuki, NIES)
09.35-09.55 Sediment toxicity (M. Engwall, Örebro University)
09.55-10.15 Emerging issues & Bioassays (A. Arkenbout, Toxicowatch)
10.15-10.30 **Coffee Break and Poster Session**
10.30-10.50 Evaluation of Morbidity as of Toxins exposure (G. Katz, KTE)
10.50-11.10 PAH Toxicity (M. Machala, VRI)
11.10-11.30 Analyses of plastics from Africa (G. Kuepouo, CREPD)
11.30-11.50 Toxic eggs from plastic disposal sites (Y. Ismawati, Nexus3)
11:50-12:10 Citizen's science project in Thailand (P. Saetang/A.
Teebthaisong, EARTH)
12:10-12:30 Antibiotica Screening (T. De Boer, MLS)
12.30-13.30 **Lunch & Posters**

Science Café

- 13.30-15.00 Round Tables with all participants
15.00-16.00 Wrap-up conference
16.00-18.00 **City Center Walk**

POSTER

Application of GR CALUX® for the assessment of glucocorticoid effects in waste - and surface water.
Katrin Schulz, Helena Pannekens; Gerhard Schertzinger; Elke Dopp (IWW, GER).

Effect-directed analysis for the evaluation of endocrine effects in surface waters.
Michelle Klein (UTA, GER).

Large volume extraction of WWTP effluent for multiple bioassays.
Bente Duijve and Corine Houtman (Het Waterlaboratorium Haarlem, NL)

AhR-mediated activities of selected thiophenes
Kateřina Pěncíková, Soňa Marvanová, Jan Vondráček, Miroslav Machala

Downstream Trends of the Santa Cruz River and the Wastewater Treatment Plants Supporting it
Juliana S. Ordine, Kevin D. Daniels, Shawn C. Beitel, Israel J. Lopez, Guillermo S. Flores, and Shane A. Snyder (University Arizona, USA).

Automated sample preparation for dioxins and PFAS.
Angelika Köpf, Emiel Felzel and Peter Behnisch (LCTech, GER).

In vitro toxicity profiling of endocrine disrupting chemicals.
Harrie Besselink, Abraham Brouwer and Bart van der Burg (BDS, NL).

Organizing committee:

Jindrich Petrlik – Arnika, Czech Republik
Peter Behnisch- BioDetection Systems, Netherlands

For any question, please refer to:
peter@bds.nl or jindrich.petrlik@arnika.org