

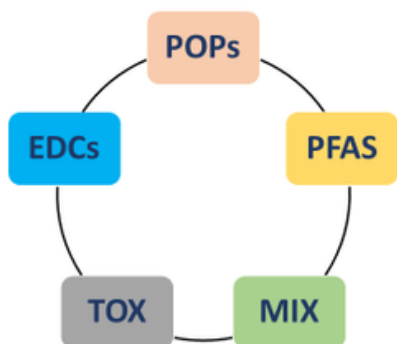


13TH BIODETECTORS CONFERENCE 2022

13-14 SEPTEMBER 2022, PRAGUE - CZECH REPUBLIC

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

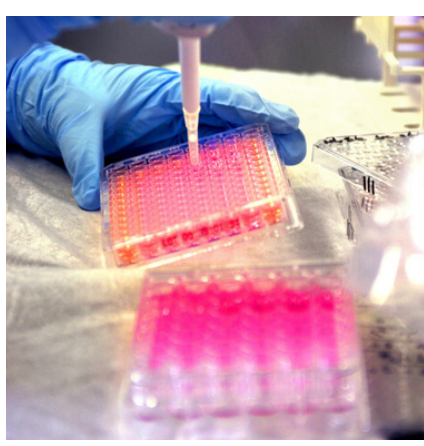
By plane: Prague International Airport

Recommended Hotels:

Hotel 1: Motel One Prague

Hotel 2: Hotel Mercure Prague

Hotel 3: Hotel Adler



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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 Dioxins in Plastic & E-waste & Food (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 & Presentation LC Tech & 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 of 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

SOCIAL EVENT WITH ALL PARTICIPANTS

- 19.30 Dinner



BioDetection Systems



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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

POSTERS:

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 (IUTA, 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 Pěnčíková, 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)