# Poster Program

**29 June to 1 July 2015**

| No. | Poster title | Presenter |
|---|---|---|
| | **Pharmaceuticals** | |
| 1 | Screening for pharmaceuticals and other emerging pollutants in sediments of major European estuaries | Liza-Marie Beckers (UFZ) |
| 2 | Pharmaceutical occurrence in two Mediterranean coastal sites impacted by treated wastewater outfall. | Coline Spinau (Hydrosciences Montpellier) |
| 3 | Ecological risks of home and personal care products in the riverine environment of a rural region in south china without domestic wastewater treatment facilities | Naisheng Zhang (Wageningen University) |
| 4 | Presence and distribution of diclofenac, estradiol and ethinylestradiol involved in first watch list to include them as priority substances in Manzanares River | Cristina Corpa (Instituto de Salud Carlos III) |
| 5 | Removal of Pharmaceutical Active Compounds by Constructed Wetland Systems – a sustainable phytoremediation technique? | Ana Isabel Machado (Higher Institute of Agronomy) |
| | **Emerging pollutants** | |
| 6 | Anthropogenic gadolinium: environmental concentrations in Lorraine region (France) and effects on living organisms | Emilie Perrat (LIEC) |
| 7 | Occurrence of surfactants in a wastewater and agriculturally impacted river | Lisa-Marie Krauskopf (UFZ) |
| 8 | Analysis of organic micropollutants in freshwater invertebrates | Anna-Jorina Wicht (UFZ) |
| 9 | Comparison of PCI- and NCI-MS/MS (GC) and application of LVI for the analysis of synthetic pyrethroids in aquatic sediments | Lena Schinkel (UFZ) |
| 10 | Optimised Decision Making Framework for Wastewater Treatment Plant Upgrade and Operation | Philipp Michel (TU Munich) |
| 11 | Characterizing groundwater contribution to ecologically valuable lowland streams using Travel Time Distribution | Vince Kaandorp (Deltares) |
| 12 | Cyanobaterial peptides and their role in modulation of mammalian innate immunity | Zdena Moosova (Masaryk University, RECETOX) |
| 13 | Cyanobacteria and algae as a potential source of retinoid-like compounds into aquatic environment | Eliska Sychrova (Masaryk University, RECETOX) |
| 14 | Behaviour of silver nanoparticles in aquatic indoor microcosms | Claus Wasmuth (IME) |
| 15 | Identification of metabolites from in vivo chlordecone degradation | Marion Chevallier (CEA) |
| | **Environmental Omics** | |
| 16 | Development of a metabolomic approach to investigate human pharmaceuticals exposure and effects in aquatic organisms | Bénilde Bonnefille (Hydrosciences Montpellier) |
| 17 | Multiple metabolomics approach to investigate surface water toxicity in the freshwater snail Lymnaea stagnalis | Sara Tufi (IVM-VU) |
| 18 | Proteomics and metabolomics to find biomarkers of synthetic glucocorticoid exposure in zebrafish (Danio rerio) embryos | Anita Hidasi (eawag) |

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| | **Bioassays** | |
| **19** | A new approach to assess sediments toxicity with Danio rerio embryos | Riccardo Massei (UFZ) |
| **20** | Genotoxicity biotesting strategy integrating cell-based and zebrafish embryo bioassays | Carolina Di Paolo (RWTH Aachen University) |
| **21** | Biotesting strategy for antiandrogenicity assessment in EDA using cell-based bioassays | Carolina Di Paolo (RWTH Aachen University) |
| **22** | Functional characterization of recombinant zebrafish glutathione-S-transferase theta 2 (Gstt2) and its sensitivity to environmental toxicants | Biljana Ivkovic (University of Novi Sad) |
| **23** | Characterization of new transgenic zebrafish cyp11c1-GFP line: a potentially relevant model to assess the effects of Endocrine Active Substances on corticosteroidogenesis | Clementine Garoche (INERIS) |
| **24** | Use of transgenic zebrafish models to study the endocrine effects of natural and synthetic progestins | Clementine Garoche (INERIS) |
| **25** | Is bioaccumulation in zebrafish embryos purely log Kow-regulated? | Denise Kurth (UFZ) |
| **26** | Evidence of cross-talk between AhR and ER pathways in human and zebrafish reporter cell lines used for estrogenicity screening | Hélène Serra (INERIS) |
| **27** | Development of a T4-TTR binding assay for high throughput screening of thyroid hormone disrupters in the environment. | Xiyu Ouyang (IVM-VU) |
| **28** | In vitro tests provide new (eco)toxicological information on old priority substances – example diuron | Dina Tenji (University of Novi Sad) |
| **29** | Effect-directed analysis of a Morava River water sample to assess fish-specific estrogenic compounds using zebrafish-based bioassays | Manoj Sonavane (INERIS) |
| **30** | Higher-tier effect directed analysis of a wastewater-impacted river using Chemcatcher passive samplers | Jennifer Schollee (eawag) |
| **31** | Alcohol, coffee and cigarettes: evaluation of candidate positive control chemicals for behavioural assessment in zebrafish early life stages | Carolina Di Paolo (RWTH Aachen University) |
| **32** | Micro-fractionation in 96-well plates combined with the micro-EROD assay to identify the dioxin-like activity in environmental samples | Hongxia Xiao (RWTH Aachen University) |
| | **Effect-directed analysis** | |
| **33** | Effect-directed analysis of algal growth and photosystem II inhibitory effects in treated waste water using non-target screening techniques | Zuzana Tousova (EI) |
| **34** | Orthogonal and parallel LC fractionation as a time-efficient approach for effect-directed analysis | Matthias Muschket (UFZ) |
| **35** | Evaluation of integrated extraction/fractionation protocols for characterization of contaminants using effect-directed analysis | Sanja Koprivica (IRB) |
| **36** | Comparing fragmentation prediction tools for the identification of unknowns from LC-high resolution MS data | Meng Hu (UFZ) |
| | **Environmental modeling** | |
| **37** | Modeling the transport behavior of 16 emerging organic contaminants during soil aquifer treatment **withdrawn** | Hang Thuy Thi Nham (University of Oldenburg) |
| **38** | Integrating modelling approach to study the relations between stressors and indicators | Carina Almeida (University of Lisbon) |
| | **Multiple stressors** | |
| **39** | Impact of multiple stressors on macroinvertebrate communities in Iberian rivers | Maja Kuzmanovic (IDAEA – CSIC) |
| **40** | Combined toxicity of five priority biocides on the growth of Chlamydomonas reinhardtii | Ana Almeida (NIVA) |
| **41** | Combined effect of nitrate and herbicide exposure on the new OECD test organism Myriophyllum spicatum - consequences for aquatic ecosystems? | Andréïna Nuttens (University of Lorraine) |