

## KICK-OFF MEETING

### **Integrated evaluation of aquatic organism responses to metal exposure: gene expression, bioavailability, toxicity and biomarker responses (BIOTOXMET)** *Croatian Science Foundation – Project no.: IP-2020-02-8502*

**Place:** Ruđer Bošković Institute, Bijenička cesta 54, 10000 Zagreb, Croatia (Blue Lecture Hall)

**Date:** 11<sup>th</sup> October 2021

### **Agenda:**

**10:00 BIOTOXMET – general overview of the project**

Vlatka Filipović Marijić, Ruđer Bošković Institute, Zagreb, Croatia

**Measurement of  $^{87}\text{Sr}/^{86}\text{Sr}$  isotope ratios in water and of metal concentrations in fish calcified structures**

Johanna Irrgeher, University of Leoben, Leoben, Austria

**Metal/metalloid concentrations in water and biota: long-term trends of metal concentrations and water quality of the wastewater impacted Krka River course**

Tatjana Mijošek, Ruđer Bošković Institute, Zagreb, Croatia

**Measurement of Hg concentrations in water, sediment and biota**

Zorana Kljaković Gašpić, Institute for Medical Research and Occupational Health, Zagreb, Croatia

**Sedimentological and geochemical analyses of the Krka River and its tributaries**

Željka Fiket, Ruđer Bošković Institute, Zagreb, Croatia

**11:15 Coffee/Tea Break**

**11:45 Histopathological biomarkers in fish intestine**

Josip Barišić, Wellfish Diagnostics, Paisley, Scotland, UK

**Determination of biochemical biomarkers in biota – useful ecotoxicological tools of environmental contamination**

Zuzana Redžović, Ruđer Bošković Institute, Zagreb, Croatia

**Acanthocephalans and gene expression analyses**

Irena Vardić Smrzlić, Ruđer Bošković Institute, Zagreb, Croatia

**Ecotoxicity testing using algae and daphnids**

Želimira Cvetković Pavlić, Andrija Stampar Teaching Institute of Public Health, Zagreb, Croatia

**BIOTOXMET – final words and closing the meeting**

Vlatka Filipović Marijić, Ruđer Bošković Institute, Zagreb, Croatia

**13:30**

**Lunch** at Mlinarica Restaurant (Matije Jandrića 36, 10000 Zagreb, transportation organized by Vlatka, Irena and Dušica – thank you ☺)

