

## SECOND 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:** 16<sup>th</sup> December 2021

### **Agenda:**

**11:30** **BIOTOXMET – general overview of the project results- 1<sup>st</sup> year period**

Vlatka Filipović Marijić, Ruđer Bošković Institute, Zagreb, Croatia

**D1. – D3. Field work activities**

Damir Valić, Ruđer Bošković Institute, Zagreb, Croatia

**D4. Physico-chemical water parameters**

Sara Šariri, Ruđer Bošković Institute, Zagreb, Croatia

**D4. Total and dissolved metal/metalloid concentrations in water of the Krka River, its tributaries and nearby wastewaters**

Tatjana Mijošek, Ruđer Bošković Institute, Zagreb, Croatia

**D4. Toxicity testing of river and wastewater using algae and daphnids**

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

**D4. Measurement of <sup>87</sup>Sr/<sup>86</sup>Sr isotope ratios in water**

Collaborators from the University of Leoben, Leoben, Austria

**12:45** **Coffee/Tea Break**

**13:00**

**Hg concentrations in water and sediment**

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

**D5. Results on sedimentological and geochemical analyses of the Krka River and its tributaries**

Željka Fiket, Ruđer Bošković Institute, Zagreb, Croatia

**D6. Isolation of RNA and transcriptome analyses on acanthocephalans**

Irena Vardić Smrzlić, Ruđer Bošković Institute, Zagreb, Croatia

**D9. Histopathological biomarkers in fish intestine**

Josip Barišić, Wellfish Diagnostics, Paisley, Scotland, UK

**BIOTOXMET – overview of other activities and final words**

Vlatka Filipović Marijić, Ruđer Bošković Institute, Zagreb, Croatia

**14:00**

**Lunch at Mibra Restaurant at RBI**

