

FINAL 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: 17th February 2025

Agenda:

10:30 – 12:30

BIOTOXMET – general overview of the project activities - 3rd project period

Vlatka Filipović Marijić, Ruđer Bošković Institute, Zagreb, Croatia

D21. Metal concentrations in the intestinal fractions prepared by differential centrifugation procedure

Sara Šariri, Ruđer Bošković Institute, Zagreb, Croatia

D22. Metal concentrations in the fish gut content as indication of dietary exposure and in fish calcified structures as long-term exposure

Zuzana Redžović, Department of Biology, Faculty of Science, University of Zagreb, Croatia

D23.-24. Accumulation of metal(loid)s in fish intestine and acanthocephalans with examples of their cytosolic distribution

Tatjana Mijošek Pavin, Ruđer Bošković Institute, Zagreb, Croatia

D25. Transcriptome and gene expression profiling in fish intestine and acanthocephalans

Irena Vardić Smrzlić, Ruđer Bošković Institute, Zagreb, Croatia

D0. The first findings on microplastics exposure and impact in the Krka River

Marija Kuštro, Ruđer Bošković Institute, Zagreb, Croatia

General overview of the field work activities

Tomislav Kralj, Ruđer Bošković Institute, Zagreb, Croatia

General overview of histopathological changes in fish soft tissues

Josip Barišić, Wellfish Diagnostics, Paisley, Scotland, UK

BIOTOXMET – overview of the project achievements and final words

Vlatka Filipović Marijić, Ruđer Bošković Institute, Zagreb, Croatia

12:30 – 13:00

Art exhibition of primary school students (Primary School Braća Bobetko Sisak, Primary School Ivana Kukuljevića Sisak, prof. Goran Filipović): Our vision of water pollution

13:00

Lunch at Mlinarica Restaurant

