

THIRD 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: 19th May 2023

Agenda:

10:30 BIOTOXMET – general overview of the project activities- 2nd project period

Vlatka Filipović Marijić, Ruđer Bošković Institute, Zagreb, Croatia

D8. Biomarkers of antioxidative defense and metabolic tissue capacity in fish intestine

Zuzana Redžović, Ruđer Bošković Institute, Zagreb, Croatia

D8. Biomarkers of metal exposure in acanthocephalans, intestine and liver of fish

Ivana Karamatić, Ruđer Bošković Institute, Zagreb, Croatia

D9. Histopathological changes in fish intestine and application of mucosal cells as novel histopathological markers

Josip Barišić, Wellfish Diagnostics, Paisley, Scotland, UK

D10. Metal concentrations in fish muscle, intestine and acanthocephalans with respect to different pollution and environmental conditions

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

D11. Metal concentrations in fish scales and otoliths

Sara Šariri, Ruđer Bošković Institute, Zagreb, Croatia

D12.-14. Expression of target genes in acanthocephalans by RT-qPCR reactions and transcriptome and gene expression profiling in fish intestine with respect to different metal exposure conditions

Irena Vardić Smrzlić, Ruđer Bošković Institute, Zagreb, Croatia

BIOTOXMET – overview of other achievements and final words

Vlatka Filipović Marijić, Ruđer Bošković Institute, Zagreb, Croatia

12:30

Lunch at Mlinarica Restaurant

