

IP3-A3-1: Lab tour "The forgotten driver of biodiversity loss: Analyses and assessment of complex mixtures of chemicals in the environment and in organisms"

We will show different steps in the analysis of external (water) and internal exposure (body burden of fish and gammarids) to a multitude of environmental chemicals in the context of collaborative studies on the impact of chemical mixtures on aquatic ecosystems. The tour will include live video links to ongoing fish sampling and dissection at the Holtemme river, the demonstration of biota extraction in the lab and the presentation of state-of-the-art chemical screening of hundreds of chemicals using GC- and LC-HRMS. The tour is particularly meant as an invitation for colleagues from other research units to explore common research opportunities in the context of water quality, biodiversity and environmental regulation.

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Session Classification: Breakout Session