

Invitation to a Lunch Seminar



Lecture by Prof. Juliane Hollender

Senior Scientist
Department of Environmental Chemistry
Swiss Federal Institute of Aquatic Science and Technology (Eawag)

Visiting Professor of CENAKVA (RP2)

Title: Internal concentrations as a link between exposure and effects of organic contaminants in aquatic organisms

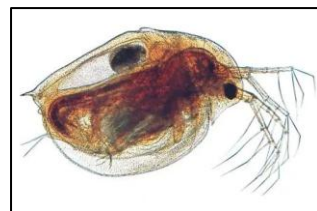
Date: Friday, 18th September 2026,
11:30 – 12:30

Place: FFPW USB, Na Sádkách 1780, České Budějovice,
R1 lecture room (first floor, ZR building)

Details: Please confirm your participation [HERE](#)

Lunch sandwiches will be provided for all registered participants.
Capacity max. 50 persons.

Abstract: I will present our research in the lab and the field on pesticides and pharmaceuticals in invertebrates. We link the exposure dynamics in rivers with the dynamics in the internal concentrations, investigate different exposure pathways, identify metabolites, do some toxicokinetic modeling and investigate a bit the resulting effects, especially for pesticides.



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HR EXCELLENCE IN RESEARCH

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<https://www.eawag.ch/en/about-us/portrait/organisation/staff/profile/juliane-hollender/show/>



Prof. Juliane Hollender is a senior scientist at the Swiss Federal Institute of Aquatic Science and Technology (Eawag) and an adjunct professor for environmental chemistry at the ETH Zürich in the Department of Environmental Systems Science.

Her research focuses on the fate of polar organic contaminants in natural and engineered aquatic environments, using liquid chromatography coupled to high-resolution mass spectrometry as a key analytical tool. She is particularly interested in non-target screening to get a more comprehensive picture of environmental contamination as well as biological processes that link exposure and effects.

Since 2013, she has been a member of the steering committee of the NORMAN network and an associated editor for the journal Environmental Science and Technology since 2023. In 2019, 2020, and 2021, she was recognized as a Highly Cited Researcher by the Web of Science. Juliane Hollender has authored or co-authored more than 280 scientific publications, with an H-index of 76 and over 23,000 citations.

Research topics

- Fate of organic contaminants in natural and engineered environments
- Organic trace analytics: identification of transformation products, suspect and non-target screening using LC-HRMS/MS
- Bioaccumulation and biological transformation of organic compounds in aquatic organisms
- Linking of exposure and effects of organic pollutants



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