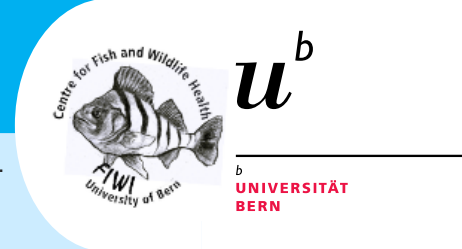


5th Short Course in Toxicologic Pathology in Fish



11th-12th July 2022

Lectures by Dr. Jeff Wolf (EPL), Prof. Heike Schmidt-Posthaus (Univ. Bern), Prof. em. Helmut Segner (Univ. Bern), Prof. Irene Adrian-Kalchhauser (Univ. Bern), Dr. Lisa Baumann (Univ. Heidelberg), Prof. Thomas Braunbeck (Univ. Heidelberg) & Dr. Dave Groman (Univ. Prince Edward Island)

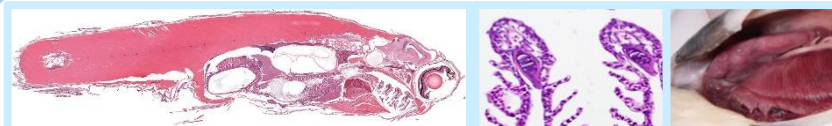


Training in Toxicopathological methods and in the Diagnosis of toxicopathologic lesions in fish

Significant emphasis is on "hands-on" practical training and on the diagnosis of histopathological features in fish tissues

Designed for PhD students and researchers who want to apply histopathology in toxicological studies

15 on-site participants, Hybrid format: Lectures can be followed online via Zoom



The course covers various uses and applications of histopathology in fish toxicological studies in the field and in the laboratory:

- Methodological considerations
- Commonalities and differences between toxicopathic and infectious lesions
- Regulatory application

Topics will be:

- Design and evaluation of histopathological studies
- The importance of quality control
- Use of histopathology in endocrine disruption testing
- Use of histopathology in bio-monitoring
- Neoplastic changes in marine and freshwater species
- Practical exercises
- Zebrafish embryo histology
- Transgenic models
- Transgenerational studies

On-site participation (includes meals):

regular CHF 350, students CHF 300

Virtual participation (excludes hands-on training):

regular CHF 250, students CHF 200

Contact & Registration

Organizer: Prof. Heike Schmidt-Posthaus, Institute for Fish and Wildlife Health, Vetsuisse faculty, University of Bern, Switzerland. **Registration:** <https://www.conftool.com/tpf2022/>