

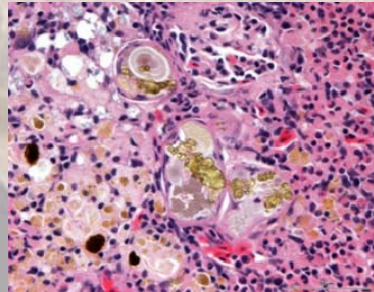
# Short course on toxicologic pathology in fish

University of Heidelberg, Germany: September 27 - 29, 2016

**Organizers:** Thomas Braunbeck, Helmut Segner & Stephen W. Feist

**Lecturers:** Lisa Baumann, Thomas Braunbeck, Stephen W. Feist, Heike Schmidt-Posthaus, Helmut Segner, Jeff Wolf, Thomas Wahli

We are pleased to announce the 4<sup>th</sup> short course on toxicologic pathology in fish. The aim is to provide training in the methods and diagnosis of toxicopathological lesions in fish.



There will also be a specific element dedicated to the Fish Disease component of BEQUALM ([www.bequalm.org](http://www.bequalm.org)) whereby liver histopathology will be discussed. This will broadly follow:



The course will cover several aspects of toxicologic pathology in fish including:

- Methodological considerations
- Incidental pathologies
- Commonalities and differences between toxicopathic and infectious lesions
- Design and evaluation of histopathological studies
- Regulatory applications
- Overview of liver pathology in flatfish
- Use of liver histopathology in biomonitoring
- Considerations for field studies and the importance of rigorous sampling protocols
- Assessment of liver pathology from other fish species, marine and freshwater

The course will take place at the University of Heidelberg on September 27 - 29, 2016. The course will place significant emphasis on "hands-on" practical training and the diagnosis of pathological changes in fish tissues. Participants are encouraged to bring own materials for joint discussion.

Further details will be made available via the European Association of Fish Pathologists (EAFP; [www.eafp.org](http://www.eafp.org)) and BEQUALM websites. Places will be limited to 12-15 participants.

## Web page & registration:

<http://www.aquatox.uni-hd.de/EventsEN.htm>

## Contact:

Thomas Braunbeck: [braunbeck@uni-hd.de](mailto:braunbeck@uni-hd.de)

Helmut Segner: [helmut.segner@vetsuisse.unibe.ch](mailto:helmut.segner@vetsuisse.unibe.ch)

Stephen Feist: [stephen.feist@cefasc.org](mailto:stephen.feist@cefasc.org)

