

FISH DISEASES

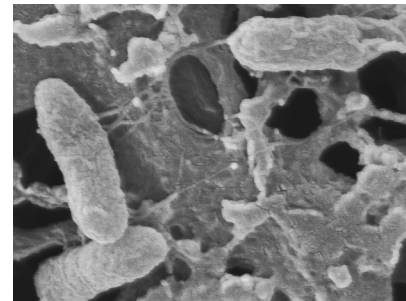
A PhD course at the University of Copenhagen, August 12-23, 2024

Responsible: Professor Kurt Buchmann, Department of Veterinary and Animal Sciences,
Faculty of Health and medical Sciences, Frederiksberg, Denmark: kub@sund.ku.dk

The course is open for all
but PhD student are prioritized

Contents:

- Understand basic principles of disease development in fish
- Describe the biology of viral, bacterial and parasitic pathogens in fish
- Define basic principles in fish immunology
- Define effects of pathogens, environment and fish immunity on fish health and welfare
- Perform a full autopsy of a fish
- Sample and process organs and tissues for diagnostic purposes
- Identify pathogens based on basic diagnostic tests
- Conduct a histopathological examination of fish tissues
- Perform a molecular identification of fish pathogens (PCR, qPCR)
- Assess basic immunological test results
- Diagnose parasitic, bacterial and viral diseases of fish
- Critical analyses of factors eliciting diseases in fish
- Assess vaccination strategies for disease control
- Present disease control strategies for wild and cultured fish



Sign up here:

[Link for registration](#)

Fish Diseases (Course no.: 3143-24-00-00) 11.2 ECTS

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