

**FACE-TO-FACE TRAINING COURSE: PLANNING AND
CONDUCTING EXPERIMENTAL INFECTION TRIALS IN FISH**

DATE: 11-15 NOVEMBER 2019

LOCATION: DANMARKS TEKNISKE UNIVERSITET (DTU) AQUA, DENMARK

**FREE
TRAINING COURSE**



©The Unit for Fish- and Shellfish Disease, DTU Aqua

COURSE DESCRIPTION

This face-to-face training course will focus on considerations needed for both the planning phase and conduction of experimental infection trials (including viruses, bacteria and parasites) in fish. Husbandry and management of typical freshwater and saltwater species (e.g. salmonids, carp, marine non-salmonids) will be covered in order to properly manage fish health during the study and to comply with humane endpoints. General considerations when designing an infection trial including infection methods, sampling methods, sampling size, diagnostic procedures, statistical considerations and survival analysis will be introduced. The training course will include planning trials in prophylaxis and treatment.

COURSE CONTENT

The course will consist of five days of training through traditional lectures and practical exercises. The course will include an industry mini seminar, organised on the final day (Friday 15 November), which will be a unique opportunity to network and exchange knowledge with industry stakeholders in the field.

Lecture topics will include:

- Experimental infection fish trials
- Fish health and physiology
- Husbandry of carps, salmonids and marine non-salmonid species
- Sampling procedures
- Survival analysis
- Sample size
- Designing trials

It is possible for industry stakeholders to attend only the industry seminar, without attending the full training course. Please see the website for more information.

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TARGET AUDIENCE

This course may be of interest to PhD students, researchers, fish farm health managers, and research employees such as those in the pharma industry with an interest in experimental studies of infectious diseases.

COURSE ORGANISERS

Danmarks Tekniske Universitet (DTU) Aqua (Denmark) with the assistance and expertise of Agencia Estatal Consejo Superior de Investigaciones Cientificas (CSIC) (Spain), Nemzeti Agrárkutató és Innovációs Központ (NAIK) (Hungary) and University of Stirling (UoS) (United Kingdom).

COURSE TUTORS

Below is a list of the tutors involved with this course. For more information and for contact details of these tutors, please visit the website.

- Niccolo Vendramin, DTU Aqua
- Niels Jørgen Olesen, DTU Aqua
- Niels Lorenzen, DTU Aqua
- Peter V. Skov, DTU Aqua
- Anders Stockmarr, DTU Compute
- Alexandra Adams, UoS
- Laszlo Ardo, NAIK
- Oswaldo Palenzuela, CSIC

PRACTICAL INFORMATION

Location: DTU Aqua, Lyngby, Denmark

Date: Monday 11 November (09:00hrs) – Friday 15 November 2019 (15:00hrs)

Application deadline: 22 July 2019

Language of instruction & material: English

Fees: Course attendance is free, thanks to European Union Horizon 2020 funding. Selected participants are expected to pay for their own travel, subsistence and accommodation. Complementary coffee and tea will be served twice daily.

Maximum Participants: 25

REGISTRATION

Official registration forms and additional course information can be found on the AQUAEXCEL²⁰²⁰ website at: <https://aquaexcel2020.eu/training-courses/upcoming-training-courses-apply-now>

Note: Please do not make travel arrangements unless you have received official confirmation of selection.