



Lyngby 13.07.2021

Dear colleagues,

As announced at the last Annual workshop for national reference laboratories for fish and crustacean diseases, the travelling uncertainties related to the Covid-19 pandemic have led us to convert the EURL training courses in week 41 and 42 as online courses.

This year we will organize two courses:

- “Methods for implementation of surveillance procedures for listed fish diseases”
that will be held in week 41 from **Monday the 11th to Friday the 15th of October 2021**
- “Introduction to histopathology in fish and crustacean diseases”
that will be held in week 42 from **Monday the 18th to Friday the 22nd of October 2021**

Programme

The preliminary course programs foresee daily sessions, each session will include lectures, as well as quiz, tasks and work in small groups organized in separate online rooms.

The course contents will reflect the structure of the live courses held in 2019, with the necessary updates for the changes that have occurred in the legislative framework (new animal health law implemented on 21st of April 2021) and with the changes necessary to hold the courses online.

For the course in week 41, the topics of the 5 sessions will cover the topics normally included in the program for the training course in week 41:

- 1- Listed fish disease in Europe: Legislation and implementation of surveillance plans.
- 2- Sampling and diagnostic procedures for surveying listed fish diseases
- 3- The use of cell culture for surveying listed fish diseases
- 4- qPCR methods, sequencing and bioinformatics for surveying listed fish diseases
- 5- Wrap up session, evaluation of the course and general recommendations

For the course in week 42, the topics of the sessions will cover the topics normally included in the program for the training course in week 42:

- 1- Principles of normal anatomy of fish and crustaceans
- 2- Pathology and histopathology
- 3- Development and assessment of protocols for special staining (IHC and ISH)
- 4- Show and tell of diagnostic cases of fish and crustacean diseases from invited speakers.

By attending the entire course, participants will receive a course certificate.

Teaching platform and course material

The courses will be organized by the [zoom](#) platform.

Personal invitation to the training course will be send to participants via Outlook calendar, the link should not be shared with others; it is unique to each participant.



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NATIONAL INSTITUTE OF AQUATIC RESOURCES, TECHNICAL UNIVERSITY OF DENMARK

A compendium covering the topic of the course will be made available to the participants prior to the course start.

Course fee

The course is free for NRL representatives in EU member states and associated countries as well for members of governmental institutions, such as universities and veterinary institutes.

Employees of private companies are welcome to attend the course as well, for them a participating fee of 200 euros is requested.

Please note for all participants, there is cancellation fee of 100 euros if participation is cancelled less than a week before the course begins.

Registration

Please use the registration form attached to this email.

The registration form has to be followed by a letter of motivation, where your background and working experience are briefly described.

The use of online platform allow us to expand the number of participants to the course to 20.

To properly plan and organize the course online, you will be asked to apply for participation in the courses, by sending an email to Lis Vinther Elmsted lvi@aqua.dtu.dk and Linda Stuhr Christensen lschr@aqua.dtu.dk. The information obtained will solely be used to evaluate participants according to the foreseen activities.

Deadline for application is **September 6th**.

By September 21st we will communicate to you if the application has been accepted.

We look forward to receive your application; do not hesitate to contact us for further information.

Best regards
The EURL team