



# European Union Reference Laboratory for Fish and Crustacean Diseases

NATIONAL INSTITUTE OF AQUATIC RESOURCES, TECHNICAL UNIVERSITY OF DENMARK

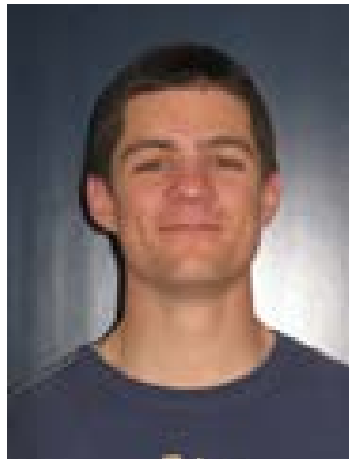
## EURL-Fish and Crustacean Diseases work program 2019-2020

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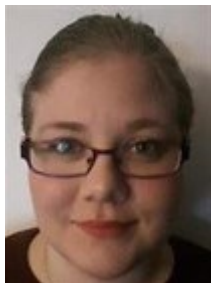
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# **EURL-crustacean work program 2019-2020 - 1**

## **5 main objectives:**

- **1. TO ENSURE AVAILABILITY AND USE OF HIGH QUALITY METHODS AND TO ENSURE HIGH QUALITY PERFORMANCE BY NRLs.**

*1. Annual workshop fish diseases*

***2. Annual workshop crustacean diseases***

*3. Scientific working group*

*4. Proficiency test fish diseases*

***5. Proficiency test crustacean diseases***

*6. Diagnostic methods*

***7. Crustacean tank facilities***

# **EURL-Crustacean work program 2019-2020 - 2**

**2. TO PROVIDE SCIENTIFIC AND TECHNICAL ASSISTANCE TO NRLs**

***1. Training Courses Specific course in 2020?***

*2. Website [www.eurl-fish-crustacean.eu](http://www.eurl-fish-crustacean.eu)*

*3. EURL Contact Lists*

*4. Missions to NRLs for fish diseases*

*5. International conferences and meetings*

*6. Confirmatory diagnosis*

*7. Pathogen characterization*

# **EURL- Crustacean work program 2019-2020 - 3**

## **3. TO PROVIDE SCIENTIFIC AND TECHNICAL ASSISTANCE TO THE EUROPEAN COMMISSION AND OTHER ORGANISATIONS**

- 1. Diagnostic manuals fish diseases*
- 2. Diagnostic manuals crustacean diseases***
- 3. Survey and diagnosis fish diseases*
- 4. Survey and diagnosis crustacean diseases in EU???***
- 5. Risk assessment for emerging diseases*

# **EURL-Crustacean work program 2019-2020 - 4**

## **• 4. REAGENTS AND REFERENCE COLLECTIONS**

- 1. The database [www.fishpathogens.eu](http://www.fishpathogens.eu)*
- 2. Pathogen library*
- 3. Production and supply of reagents*

## **5. REQUIREMENTS RELATED TO OTHER LEGISLATION**

- 1. Scientific advice in relation to aquatic animal health legislation*
- 2. Listing susceptible species*
- 3. Listing diseases for notification*



# *1-1 Organise and prepare for the 10<sup>th</sup> and 11<sup>th</sup> Annual Workshop*

*Venue: DTU Campus*



# *1-2 Organise scientific working group meetings*

One meeting in 2020.

Topics??

e.g. implementing delegated acts –  
diagnostic procedures

# 1-3 Organise Proficiency tests

PT 2019: White spot syndrom  
virus only

PT 2020??

Inclusion of:

✓ WSSV

TSV ?

YHV ?

Other?

*Aphanomyces astaci* ?

Include overseas?



## 2-1 Training:

**Facilitate and provide training in laboratory diagnosis: EURL training course Copenhagen, October 2019**

**Course: Introduction to histopathology in fish and crustacean diseases**

**Specific crustacean course in 2020: Eg necropsy and histopathology of crustaceans?**



# Sub-activity 2.2 Webpage

*To provide the Member State NRLs with a fast entrance to information from the EURL.*

[www.eurl-fish-crustacean.eu](http://www.eurl-fish-crustacean.eu)



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FISH

CRUSTACEAN

NEWS

LEGISLATION

NRL NETWORK

CONTACT

ABOUT

## EURL FOR FISH AND CRUSTACEAN DISEASES

The European Union Reference Laboratory (EURL) for Fish and Crustacean Diseases is funded by the European Commission and is situated within the Unit for Fish and Shellfish Diseases at DTU Aqua – National Institute of Aquatic Resources at the Technical University of Denmark.

The functions and duties of the EURL are concerned with harmonizing diagnostic procedures for notifiable fish and crustacean diseases in Europe.

The Unit for Fish and Shellfish Diseases at DTU Aqua has since 1994 been designated as the EURL for fish diseases. From July 2018, the functions and duties were expanded to also include crustacean diseases.



## ***2019-2020 Activities: Specific topics to address?***

**Assessment of diseases in relation to listing and reporting, in crustaceans in EU.**

**Focus on WSSV?**

**Establishment of tank facilities for crustaceans**

***Building up repository of crustacean pathogens***



# ***2019-2020 Activities: Specific topics to address?***

**Proficiency test: increased focus on qualitative and quantitative molecular techniques?  
Sequencing/typing, semiquantitative qPCR?**



# 24th + 11th Annual Workshops in 2020

DTU 26- 27 + 28 May 2020? (Tuesday, Wednesday, Thursday)

Due to risk of another OIE G.A. the Crustacean meeting will be Wednesday 3rd June 2020 from the afternoon together with the fish people + 4th June 2020 ?

1½ day fish + ½ day together + 3/4 day crustacean



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