

Technical University of Denmark



Draft EURL Workplan for 2014

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DRAFT EURL WORKPLAN FOR 2014

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EURL FOR FISH DISEASES, 2014

OBJECTIVES FOR THE PERIOD JANUARY - DECEMBER 2014

1. Coordination and training

- 1-1 Organise and prepare for the 18th Annual Workshop for the National Reference Laboratories for Fish Diseases (NRLs) in 2014.
- 1-2 Produce a report from the Annual Workshop 2014.
- 1-3 Collect and report data on the fish disease situation in EU, including all the listed non-exotic fish diseases.
- 1-4 Facilitate and provide training in laboratory diagnosis. The training courses in methods used for diagnosis of fish diseases is offered annually at the premises of the EURL-Fish. The courses will primarily be for training of staff from NRLs and the content will depend on request from participants. The courses will be conducted autumn 2014

2. Proficiency test

- 2-1 Prepare the Annual Inter-laboratory Proficiency Test year 2014 for the NRLs. The test will include testing for VHSV, IHNV, EHN, ISAV, KHV and in addition upon request SVC and IPN. As *Aphanomyces Invadans* causing EUS was delisted autumn 2012 it might upon a decision at the 17th AW be removed from the proficiency test 2014.
- 2-2 Collate and analyse information gained from the Inter-laboratory Proficiency Test

3. Reagents and products

- 3-1 Supply reference reagents to the NRLs in Member States.
- 3-2 Production of antisera against selected isolates when necessary
- 3-3 Update and maintain a library of isolates of ISAV, VHSV, IHN, KHV, EHN and *Aphanomyces Invadans*.
- 3-4 Maintain a library of tissue material from fish infected with listed pathogens

4. Scientific advice and activities

- 4-1 Update the webpage for the EURL, www.eurl-fish.eu
- 4-2 Update the diagnostic manuals for VHS, IHN, ISA, KHV disease, and EHN on the EURL web page.
- 4-3 Collect information on strain variation occurring within pathogens causing the listed diseases VHS, ISA, EHN and KHV disease and provide recommendations on how to discriminate between various strains.
- 4-4 Identify and characterise selected isolates of listed viruses (serological and genetic characterisation).
- 4-5 Update and expand www.fishpathogens.eu with more pathogens.
- 4-6 Assessment and standardisation of real-time PCR tests for the diagnosis, identification and typing of the listed non-exotic fish diseases.
- 4-7 In collaboration with specialised experts WW to review selected emerging fish diseases in Europe and assess their potential listing as exotic or non-exotic diseases.

5. Missions

- 5-1 Organizing missions to relevant laboratories. Missions will focus on NRLs where on-site communication would be beneficial.
- 5-2 Attending missions, international meetings and conferences in order to be updated on emerging and listed exotic and non-exotic fish diseases.

Apart from all the mandatory plans for next year suggestions for other topics to work on for the EURL would be most appreciated