

WORK PROGRAMME FOR THE EUROPEAN UNION REFERENCE LABORATORY FOR FISH DISEASE, 2011

The functions and duties of the European Union Reference Laboratory for Fish Diseases (EURL) are described in the [Council Directive 2006/88/EF](#) Annex VI part I

OBJECTIVES FOR THE PERIOD JANUARY - DECEMBER 2011

1. Organise and prepare for the 15th Annual Meeting for the National Reference Laboratories for Fish Diseases (NRLs) in 2011.
2. Produce a report from the Annual Meeting 2011.
3. Prepare the Annual Inter-laboratory Proficiency Test year 2011 for the NRLs. The test will include VHSV, IHNV, EHNV, ISAV and KHV.
4. Collate and analyse information gained from the Inter-laboratory Proficiency Test
5. Supply reference reagents to the NRLs in Member States.
6. Production of antisera against selected isolates when necessary.
7. Update and maintain a library of isolates of Infectious salmon anaemia virus (ISAV), Viral Haemorrhagic Septicaemia virus (VHSV) and Infectious Haematopoietic Necrosis virus (IHNV), Koi Herpes virus (KHV) and enzootic haematopoietic necrosis virus (EHNV) and *Aphanomyces Invadans*.
8. Establish and maintain a library of tissue material from fish infected with listed pathogens.
9. Update the webpage for the EURL, www.crl-fish.eu (the web address will be changed to www.eurl-fish.eu in autumn 2010)
10. Update the diagnostic manuals for VHS, IHN, ISA, KHV disease and EHN on the EURL web page, and include diagnostic manuals for EUS.
11. Update diagnostic methods for diagnosis of Epizootic Ulcerative Syndrome (EUS) and assess the possibilities for including *Aphanomyces invadans* in proficiency test in the future.
12. Collect and report data on the fish disease situation in EU, including all the listed non-exotic fish diseases given in Council Directive 2006/88/EC Annex IV Part 2.
13. Identify and characterise selected isolates of listed viruses (serological and genetic characterisation).
14. Update and expand www.fishpathogens.eu with more pathogens.
15. Perform molecular epidemiology analysis to improve knowledge on diseases spreading mechanisms of viral pathogens
16. Assessment and standardisation of real-time PCR tests for the diagnosis, identification and typing of the listed non-exotic fish diseases.
17. Facilitate and provide training in laboratory diagnosis. A training courses in methods used for diagnosis of fish diseases will be established and offered at the EURL laboratory facilities. The courses will primarily be for training of staff from NRLs and the content will depend on request from participants.
18. Organizing missions to relevant laboratories. Missions will focus on NRLs where on-site communication would be beneficial.
19. Organise a workshop on “Surveillance and Epidemiology of Diseases in Aquaculture” at the premises of the EURL-Fish and in collaboration with the OIE collaborating centre for aquatic epidemiology and the EURL-Molluscs and –Crustacians, respectively.
20. Attending missions, international meetings and conferences in order to be updated on diagnostic methods on listed exotic and non-exotic fish diseases.