

**WORK PROGRAMME FOR THE
COMMUNITY REFERENCE LABORATORY
FOR FISH DISEASE, 2010**

I. LEGAL FUNCTIONS AND DUTIES

The functions and duties of the Community Reference Laboratory are described in the [Council Directive 2006/88/EF](#) Annex VI part I

II. OBJECTIVES FOR THE PERIOD JANUARY - DECEMBER 2010

1. Organise and prepare for the 14th Annual Meeting for the National Reference Laboratories for Fish Diseases in 2010.
2. Produce a report from the Annual Meeting 2010.
3. Collect 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
4. Identify and characterise selected isolates of listed viruses (serological and genetic characterisation)
5. Production of antisera against selected isolates when necessary.
6. Assessment and standardisation of Real-time PCR tests for the diagnosis, identification and typing of the listed non-exotic fish diseases.
7. Expanding www.fishpathogens.eu with IHNV, SVCV and the inclusion of KHV and ISA will be initiated.
8. 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).
9. Update the webpage for the CRL, www.crl-fish.eu
10. Update and include standard operating procedures on the CRL web page for the listed exotic and non-exotic diseases
11. Workshop on available kits and reagents for diagnosis of the listed non-exotic diseases VHS, IHN, ISA and KHV including consideration of their sensitivity and specificity.
12. Supply standard antisera and other reference reagents to the National Reference Laboratories in Member States.
13. Prepare the Annual Inter-laboratory Proficiency Test year 2010 for the National Reference Laboratories. The test will be expanded to also include ISAV and KHV.
14. Collate and analyse information gained from the Inter-laboratory Proficiency Test
15. Establish diagnostic methods for diagnosis of EUS and assess the possibilities for including *Aphanomyces invadans* in proficiency test in future.
16. Facilitate and provide training in laboratory diagnosis.
17. Attending missions, international meetings and conferences. Missions will focus on NRLs where on-site communication would be beneficial. And to reference laboratories on listed exotic and non-exotic fish diseases in order to be updated on diagnostic methods.