

WORKSHOP

Neglected viral diseases in freshwater fish farming

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Introduction

Worldwide, viral diseases pose a serious challenge to the fish farming industry and wild fish stocks. In order to prevent the spread of serious fish diseases and to contain and control fish disease outbreaks at a global scale, the World Organisation for Animal Health (OIE) has published relevant data on these fish diseases, both in the Aquatic Animal Health Code (OIE, 2017a), including the OIE listed fish diseases, and in the Manual of Diagnostic Tests for Aquatic Animals (OIE, 2017b), including recommended diagnostic methods. The list of viral OIE notifiable fish diseases currently includes: Epizootic haematopoietic necrosis disease (EHN), Infection with HPR-deleted or HPR0 infectious salmon anaemia virus (ISA), Infection with salmonid alphavirus, causing Pancreas disease (PD) and Sleeping disease (SD), Infectious haematopoietic necrosis (IHN), Koi herpesvirus disease (KHVD), Red sea bream

iridoviral disease (RSIVD), Spring viraemia of carp (SVC), and Viral haemorrhagic septicaemia (VHS). At European Union level, Commission Decision 2006/88/EC and Council Implementing Decision 2015/1554/EC provide specific regulation for surveillance and control of listed infectious aquatic diseases in Europe which include the fish viral diseases VHS, IHN, EHN, ISA, and KHVD (European Commission 2006, 2015).

Due to the frequent emergence of new serious fish viral diseases, the OIE list of fish viral diseases is regularly being extended. However, apart from these well studied viral diseases, other non-notifiable serious fish viral diseases occur in freshwater fish farming. To focus on these new viral threats for freshwater fish farming, an open workshop was organised at the EAFF Conference in Belfast, 4th September 2017. The workshop consisted of five short lec-

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