



ParaFishControl

Workshop “Sustainable Fish Health Control”

General information:

Organisation	ParaFishControl in collaboration with DAFINET, BangFish Danida and the University of Copenhagen
Venue	Copenhagen (Denmark)
Dates	23 rd October 2018
Target audience	Aquaculture professionals and scientific experts
Number of participants	37
Book of abstracts	Link

Description of the workshop:

The workshop on “Sustainable Fish Health Control” was organised by ParaFishControl in collaboration with DAFINET and BANGFISH on October 23rd, 2018. In connection to the workshop the University of Copenhagen hosted a five-day workshop on fish diseases. The 37 workshop participants comprised ParaFishControl partners and colleagues from various countries (Norway, Bangladesh, India, China, Indonesia, Italy, Denmark). The scientific fields touched upon ranged from



Seven workshop participants from Bangladesh with professor Kurt Buchmann (KU) in the lab

ParaFishControl parasites (salmon lice, white spot disease parasite *Ichthyophthirius multifiliis*, zoonotic nematode *Contracaecum osculatum*), and environmental issues (arsenic substances and antibiotics in fishponds), pigments in fish flesh, bacterial and viral infections of rainbow trout.

The host species discussed ranged from Atlantic salmon and rainbow trout to tilapia and Asian catfish. Sonal Patel from Norway and Morten Limborg from Denmark presented new results and ideas from novel types of approaches in fish disease research – the holistic view on both host, microbiome and the environment. The connected fish disease course over five days focused on both basic classical techniques and more advanced methodologies such as ELISA, immunohistochemistry, histology, PCR, qPCR and DNA sequencing. The course addressed parasitic, bacterial and viral diseases in wild and farmed fish.