

21st International Conference on Diseases of Fish and Shellfish

11 - 14 September 2023 Aberdeen, UK



Open EAFP Workshop

One Health in fish and shellfish



Tuesday 12th of September 2023, 4.45-6.45 p.m.

Be welcome! This is an Open Workshop.

Organizers: Olga Haenen (from WBVR, the Netherlands), David Bass (from Cefas, UK), Sandrine Baron (from ANSES, F), Agnès Travers (from IFREMER, F) and Matt Longshaw (from Calysta, UK).

PROGRAM:

- Olga Haenen: Short welcome and intro (5 minutes).
- 4.50-5.05h: David Bass: "What is One Health, and how does One Health monitoring work?" The paper of Grant Stentiford (2022)^{*)} on One Health in aquaculture will be used as basis, and given the background of David Bass as an experienced researcher at Cefas, on molecular biology and eDNA related to the aquatic environment, he will illustrate the One Health theme with examples from his field of work.
- **5.05-5.20h: Sandrine Baron**: "AMR: *One Health* approach is an evidence". Because of the direct link of fish farming with the aquatic environment, including a key role in AMR dissemination into the environment, an approach on *One Health* is needed in aquaculture. Sandrine Baron (NRL for antimicrobial resistance of ANSES, France) is



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aquatic microbial ecologist, working on AMR test methods and aquaculture AMR to *Aeromonas* and Vibrio spp.

- 5.20-5.35h: Marie-Agnès Travers: "Circulating bacteria and diversity of genes in shellfish". Marie-Agnès Travers (IFREMER, France). She is an expert in shellfish infectious diseases on vibriosis and bacterial evolution, also on ARG genes in shellfish. She will present on beta-lactams and colistin resistant bacteria in marine environments used for shellfish farming.
- 5.35-5.45h : Break (10 minutes)
- **5.45-6.00h: Matt Longshaw**: "Zoonotic parasites". With increased globalisation, including travel and trying new and exotic foods, the risk of being infected with parasites through contact or ingestion increases. Matt will present the major parasite groups of concern, routes of infection to man, and potential mitigation measures in the context of globalisation and environmental change. Matt is an experienced fish parasitologist, working at Calysta UK.
- **6.00-6.15h: Olga Haenen**: "Zoonotic bacterial infections in and from fish". As an experienced allrounder in fish diseases at WBVR of WUR, NL, Olga presents most important contact- and food-zoonotic bacterial diseases in fish and man, including diagnosis, and prevention.
- 6.15-6.45h: Open discussion.

Notes are made to include into the EAFP-Bulletin publication on this workshop.

*) Ref. : G. Stentiford, 2022, EAFP Bulletin 41(5): 188-191.

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