

Multidisciplinary approaches to fish health and disease research

Expression of interest deadline to attend workshop: 5 February 2014
Workshop: 18-19 March 2014



We are holding a workshop to bring together researchers working on fish and shellfish disease with those working in other areas that could contribute to building UK capacity in fish health.

Background

We recognise the need to build capacity in basic research on fish health and disease. Aquaculture is a rapidly growing area of global food supplies and an improved understanding of the basic biology and health of farmed fish and shellfish is needed to support the continued development of sustainable production. Multidisciplinary expertise from a diverse range of scientific areas provide insight into some of the problems.

Aims

This workshop will bring together those working on the health of farmed fish with experts in basic fish biology, animal health, epidemiology, immunology, genetics, novel tools and technologies and a range of other disciplines to:

- Prioritise the research gaps in fish and shellfish health and disease, including environmental interactions.
- Promote collaboration between the BBSRC, NERC and other relevant research communities
- Provide a focus for discussion on novel technologies/technology development
- Facilitate new multidisciplinary research partnerships that could lead to collaborative bids for funding
- Encourage the development of a strong UK wide research community

Outputs

The formal output of the workshop will include a written report of the discussion including prioritisation of the research gaps. However, in addition, we anticipate that new multi-disciplinary collaborations will be formed and novel ideas stimulated, potentially leading to applications for future funding support from the UK and Europe.

Who should attend

We encourage delegates from a broad range of disciplines to attend this workshop, in order to gain maximum benefit for all attendees. These may include, but are not limited to:

- Scientists working on the biology or health and disease of aquaculture species (fish and shellfish)
- Researchers working on the biology of laboratory fish species
- Researchers from the animal health community (including geneticists, immunologists, epidemiologists, gut microbiologists, and others) who might wish to expand the species studied.
- Bioscience researchers with expertise in any relevant discipline that could be applied to addressing the health issues of aquatic species

- Researchers from disciplines outside the biosciences who currently use or develop techniques and technologies which might be effectively used in aquaculture environments-e.g., imaging, sensors and monitoring, diagnostics, engineering, modeling, bioinformatics
- Environmental scientists with an interest in aquatic biology

Programme for the workshop

The workshop will start mid-morning on the first day and finish approximately at 5pm, 19 March.

The workshop will consist of:

- Plenary talks
- Discussion sessions
- Dinner and networking sessions

Further details and venue will be provided once finalised.

Please check our [Workshop: Multidisciplinary approaches to fish health and disease research](#) event page for updates.

Contact

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