

# Research Awards



Needs assessment visit to a trout farm in Poland



Discussing carp production issues at a fish research station in the Czech Republic



The 'Aquaculture Innovation Network' team at the first consortium meeting in Brussels.

Network partners are: Federation of European Aquaculture Producers, European Aquaculture Society, Eurofish, SINTEF Fisheries and Aquaculture AS (Norway), French Research Institute for the Exploration of the Sea (IFREMER) (France), Aquapark Association (Hungary), University of South Bohemia, Research Institute of Fish Culture and Hydrobiology (Czech Republic), Double Delta Ltd (Hungary), Hodowla Ryb Paraszyno (Poland), Estonian Agricultural University (Estonia), Aqim (Iceland), Aquaculture Vaccines Ltd. (UK), Aquacultur Fischtechnik GmbH (Germany) and the Institute of Aquaculture, University of Stirling (UK) (Coordinator).

Dr Stuart Bunting, £61,361, DFID/HTS Development Ltd: NRSP: Evaluating Action Planning for Enhanced NR Management in PU Kolkata  
 Professor Brendan McAndrew, £33,817, DEFRA: Genetics of PKD Resistance in Rainbow Trout. – this is a studentship awarded to Gareth Butterfield with 50% University funding and in collaboration with the BTA and Roslyn and is a continuation of Professor McAndrew's LINK aquaculture project on selective improvements of rainbow trout.  
 Professor Brendan McAndrew and Dr John Taggart, £169,303, BBSRC: Genetic Control of Infectious Pancreatic Necrosis (IPN) in Salmon. This is a collaborative project with Landcatch Natural Selection, The Roslin Institute and the Marine Lab in Aberdeen looking for markers associated with IPN resistance in Atlantic Salmon. Ann Gilmour is the technician working on the project.

Dr Andy Shinn, £4,830, Novartis Animal Vaccines Ltd: In-vitro Study: The Antiprotozoal Activity of Pyceze Against Theronts of *I. Multifiliis*.

Dr Herve Migaud, £27,669, Intravision Group: Co-operative Work on Light Spectrum Trial: Andrew Davie is the research assistant working on this and the aim is to investigate the effect of narrow bandwidth light using a new technology lighting system in on-growing salmon in cages on growth and maturation. This is in collaboration with a Norwegian lighting manufacturer (Intravision) and Ewos innovation.

Dr Jimmy Turnbull, £70,628, DEFRA: Rainbow Trout Fin Erosion- Epidemiological Analysis of Prevalence, Development, Risk Factors and Effects on Welfare.

Dr Jimmy Turnbull and Dr Ben North, £252,238, DEFRA: The Interaction between Water Quality and Welfare in Farmed Rainbow Trout.

Dr Trevor Telfer, £4,117, BP Chemicals Lts: Rocky Shore Surveys at Finnart and Hound Point 08/04.

Dr Herve Migaud, £21,864, SAMS Ardtoe: Haddock Photoperiod Project. For the study of effects of photoperiod regimes on sexual maturation and growth of haddock. This work was originally initiated by Professor Niall Bromage.

Dr J Turnbull, £9,551, DEFRA/University of Liverpool: Mathematical Modelling of Fish Diseases.

Professor Chris Sommerville and Dr Rod Wootton, £29,880, Anglian Water Services Ltd: The Study of the Status of Adult Female *Ergasilus sieboldi* on the Gills of Fish in Rutland Water.

Dr David Little, £19,814, EC: Managing Pesticides in Vegetable Systems in SE Asia.

Dr Nigel Wilby, Dr D Gilvear, £5,225, English Nature: *Ranunculus* PhD Feasibility Study: Causes of the Decline of *Ranunculus* in Trout Streams in Southern England.

Professor Sandra Adams and Dr David Morris, £246,954, BBSRC: Examination of the Life Cycle of *Tetracapsuloides bryosalmonae*.

Dr Periyathamby Vinobaba from the Department of Zoology, Eastern University, Sri Lanka has rejoined the Parasitology group on a 6 month Commonwealth Fellowship to receive training in advanced parasitological techniques. While based at Stirling, Dr Vinobaba will also investigate argulid and ergasilid infections of economically important wild fish from Sri Lankan brackish lagoons, with particular focus on species belonging to the genus *Signanus*.