

# Disease in Tropical Aquatic Animals

*Gain certification in the only course worldwide dealing with diagnosis, control and management of disease in aquaculture.*

11 — 23 JANUARY 2016

TOWNSVILLE, AUSTRALIA

## About this opportunity

This is a 12-day intensive course delivered by six leading researchers in aquaculture, biomedical sciences, and marine and environmental sciences. All accommodation, breakfasts and lunches, and field trips are included. This course results in a Certification in Aquatic Animal Disease Diagnosis and Biosecurity upon successful completion of a written examination.

## Background

The Agriculture Organisation of the United Nations has stated that "Aquaculture [is] probably the fastest growing food-producing sector [and] now accounts for nearly 50% of the world's food fish". JCU is providing an opportunity for any Veterinarians, Operators, Managers, and Students in the Aquaculture Industry to attend a unique international course in aquatic animal disease diagnosis and biosecurity.

Internationally, aquaculture, particularly in the tropics, is the fastest production sector in the world. However, diseases (particularly viruses) cause considerable loss to the aquaculture industry and pose latent risks to continued production. The global shortage of technical expertise in aquatic animal health is a threat to the industry and needs to be addressed through an expansion of training opportunities for specialists at the veterinarian level, or for people with experience with diagnosis.

## Who is this course for?

This course is aimed for Operators, Managers, and Students in the Aquaculture Industry, who have an interest in aquatic animal disease diagnosis and biosecurity. This is a unique opportunity for training aquatic animal health experts to an international level.

## Why should I take this course?

- Several world-renowned aquaculture and disease experts will deliver the course
- This is the only course worldwide delivering comprehensive content addressing fish and crustacean disease diagnosis and biosecurity
- The course is competitively priced, and is all-inclusive
- The venue for the course is based in the dry tropics of Townsville, a beautiful area of Far North Queensland, close to the Great Barrier Reef
- A combination of theoretical and practical activities will take place in the lecture theatre, in the laboratory, and over several field trips
- You will gain invaluable knowledge through visits to the Centres of Australian Marine Science and Great Barrier Reef Marine Park Authority.



## Who will deliver this course?

**Professor Hugh Ferguson:** Professor Emeritus, Stirling University, Scotland and Professor of Veterinary Pathology, St George's University, Grenada, W. Indies.

**Doctor Tom Waltzek:** Assistant Professor and Co-Director, Aquatic Animal Health Program Department of Infectious Diseases and Pathology, University of Florida.

**Doctor Ellen Ariel:** Senior Lecturer, Biomedical Sciences in the College of Public Health, Medical and Veterinarian Sciences at James Cook University, and previously Coordinator of the European Union Reference Laboratory for Fish Diseases.

**Associate Professor Leigh Owens:** Biomedical Sciences in the College of Public Health, Medical and Veterinary Sciences at James Cook University, and a world-recognised expert on prawn disease.

**Professor Dean Jerry:** Head of Aquacultures and Fisheries, College of Marine and Environmental Sciences at James Cook University, and internationally recognised in the field of tropical aquaculture and genetic technologies.

**Doctor Kate Hutson:** Aquaculture and Fisheries, College of Marine and Environmental Sciences at James Cook University, and an expert on fish parasites.

## Costs

The full cost of this course is \$3,000AUD, which includes accommodation, breakfasts and lunches, all tuition, materials, and transfers.

## Express your interest

If you would like to know more about the course on offer, or if you would like to express your interest in attending, please visit:  
[jcu.edu.au/events/shortcourses](http://jcu.edu.au/events/shortcourses)