

CFA2.2 Course Title: New trends in aquaculture research

Modality: Advance Training Course

Dates:

23-30 April 2019 (tentative dates)

Duration:

Lectures: 20h

Laboratory: 0h

Location: DOMAR Videoconference room TORRE-CACTI Building, Campus As Lagoas-Marcosende, Universidade de Vigo

Academic coordinators:

Name	Institution	e-mail
José Luis Soengas	Universidade de Vigo	jsoengas@uvigo.es
Carlos Pereira Dopazo	Universidade de Santiago	carlos.pereira@usc.es

Lecturers: cannot be provided at this time

Name	Institution	e-mail

General description:

The course describe ongoing research lines in aquaculture to provide students a general view of the present research in this field

Contents:

10 different lectures (2h each) given by recognized experts in specific research fields within aquaculture (nutrition, feeding, pathology, inmunology, physiology, etc)

Teaching methodologies:

Lectures

Evaluation system:

Test exam

Brief CV of the lecturers:

Coordinator: José Luis Soengas

Professor of Physiology in the Department of Functional Biology and Health Sciences of the Faculty of Biology of the University of Vigo where I teach courses to undergraduate (Biology, Marine Sciences), Master (Aquaculture, Marine Biology) and PhD (Marine Science and Technology) students and coordinate the master program in Aquaculture. Bachelor of Biological Sciences in 1989 at the University of Santiago de Compostela and PhD (extraordinary prize) in Biological Sciences in 1994 at the same university. I have carried out pre- and post-doctoral stays at the University of Ottawa in Canada. In 1995 I joined the University of Vigo as a professor, where in 1998 I formed the research group on fish physiology and its application in aquaculture (<http://fisioloxiapeixes.webs.uvigo.es/>) that has produced about 150 articles in JCR Science Edition journals (<http://fisioloxiapeixes.webs.uvigo.es/en/publicaciones.html>). Within the research lines of the group I have participated and supervised studies in different aspects related to feeding, energy metabolism, nutrition, osmoregulation, neuroendocrinology and stress response in fish.

In the last 15 years my research is focused mainly on the characterization in fish of nutrient sensor systems and their role in the control of food intake, as well as their interaction with the stress response, a consolidated line of research financed through five consecutive projects of the National Plan of R + D + i (AGL / ACU) since 2004 to date. In this field I have been a pioneer so my research has wide repercussion (>3000 citations) and I am currently a reference at the international level. To develop my research I have participated in 34 research projects: 8 of the National R & D Plan (principal investigator in 5), 15 autonomic (principal investigator in 10) and 11 of other organisms (principal investigator in 9).

The results of my research activity are reflected in:

- 9 supervised doctoral theses (3 more under supervision), 4 of them awarded with international mention and extraordinary prize
- Supervision of 4 postdoctoral researchers
- 147 articles published (first or last author in 94) in SCI journals, of which 87 are Q1 in their respective SCI categories
- 3000-4000 citations
- Index h = 33.
- 1 book published, 4 book chapters and 140 communications to national and international conferences.
- Collaborations with national and international research groups.
- Evaluator of research projects for national and international agencies
- Academic Editor of 3 Q1 journals (American Journal of Physiology-Reg. Int. Comp. Physiol, PLoS One and British Journal of Nutrition)
- Regular review of 61 different SCI scientific journals.