

University Microcredential in Zebrafish Health & Management in Research



In-person classes:

28/05/2025 – 30/05/2025



Veterinary Faculty

Avda. Carvallo Calero s/n
27002 Lugo, Spain

Explore zebrafish research in this dynamic course, combining theory with hands-on practice in biology, welfare, diseases, and biosecurity. Develop practical skills by performing necropsies, tissue analysis, and disease diagnostics.

Lecturers:

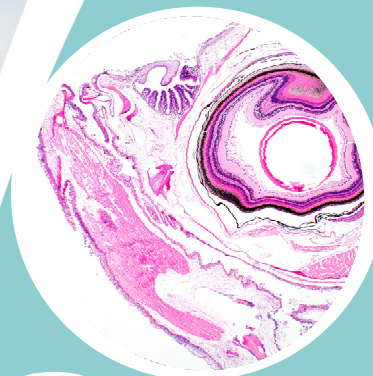
Professor Dr. Michael L. Kent

Departments of Microbiology and Biomedical Sciences
Oregon State University – EUA
Specialist in zebrafish pathology
Author of numerous works in zebrafish diseases



Members of the research group GAPAVET

Including three Diplomates of the ECAAH
Departamento de Anatomía, Producción Animal y Ciencias Clínicas
Veterinarias
Universidade de Santiago de Compostela - Spain



Fees: 350 € + scholar insurance

Pre-registration: 14/04/2025 - 28/04/2025

The pre-registration will be done by registering in the Virtual Student Secretariat at the link: <https://matricula.usc.es/login/Login.asp>. Please use the translator tool of your browser to English. Once the registration on the secretariat has been completed, you must access the Virtual Secretariat to choose the course.

Organization: GAPAVET



gapavet@usc.es / anmanuelade.azevedo@usc.es



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Further information:



The programme



28/05/2025: Sala Norvet – Central pavilion

9.00	Welcome
9.30	Update on legislation on animal experimentation in fish and animal welfare. Zebrafish husbandry
11.30	Coffee break
12.00	Biosecurity in zebrafish facilities. Obtaining SPF animals
14.00	Lunch break
15.30	Zebrafish Anatomy and Histology I
17.30	Sampling protocol applied to research

29/05/2025: Sala Norvet – Central pavilion and Histology Lab - Pavilion 3, 2^a Sup

9.00	Zebrafish Anatomy and Histology II
11.00	Main infectious diseases of fish: bacteria
12.00	Coffee break
12.30	Main infectious diseases of fish: fungi and viruses
14.00	Lunch break
16.00	Practical session I: Anaesthesia/euthanasia and non-lethal diagnostic tests. Necropsy and sampling techniques

30/05/2025: Sala Norvet – Central pavilion and Histology Lab - Pavilion 3, 2^a Sup

9.00	Main infectious diseases of fish: parasites
11.30	Coffee break
12.00	Main neoplasias in fish
13.00	Main non-infectious diseases of fish
14.00	Lunch break
15.30	Practical session II: Microscopic diagnosis. Discussion of practical cases.
19.00	Social program (optional)

Coffee, lunch and social program are not included.

Online part: participants will have 10 hours for personal online work in "Campus virtual" platform.