

DANIELA BERTOTTO BRIEF CV

Associate Professor in the scientific disciplinary sector VET/02, Veterinary Physiology since 1 February 2015 at the Department of Comparative Biomedicine and Food Science of the University of Padua.

Areas of research and teaching concerning the welfare and reproduction of reared fish. Participation and coordination in various national and international projects concerning the reared species in the field of welfare, reproduction and improvement in aquaculture; active collaborations with fish farmers. Research focus mainly on the evaluation of stress by means of physiological indicators and the set up of spawning protocol to support breeding programs, also by means of gametes and larvae quality evaluation, to improve welfare and productivity in aquaculture. Since 2005, the research activity also concerns terrestrial animals of veterinary interest (pig, horse, rabbit and poultry) in the assessment of stress in order to increase animal welfare in farming systems.

Author and co-author of over 90 publications including papers in scientific journals and conference presentations (65 Scopus publications; H-index 22).

Link to publications:

<https://orcid.org/0000-0002-1370-8679>;

<https://scholar.google.it/citations?user=EvJRLu4AAAAJ&hl=it>;

https://www.researchgate.net/profile/Bertotto_Daniela.

Referee since 2003 for indexed international journals. Member of the editorial board of Animals magazine since 2020.

Projects in progress:

-Fish-PhotoCAT: Photocatalytic water remediation for sustainable fish farming. PRIMA-Partnership for Research and Innovation in the Mediterranean Area; HORIZON 2020)

-AQUAFAANG: Advancing European Aquaculture by Genome Functional Annotation HORIZON 2020

-Functional ontogeny and physiology of the digestive system in juvenile diploid and triploid salmon (*Salmo salar*). Norwegian Research Council-RFFNord

-MSCA RIBES (River flow regulation, fish BEhaviour and Status) Grant agreement ID: 860800-2020-2023; Horizon 2020)