

## DONATELLA VOLPATTI



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**Education and current position** – Degree in animal science, 1992, UNIUD - PhD in veterinary anatomical-histopathological disciplines, 1998, UNIBO - Associate professor at UNIUD, SSD VET/03, veterinary general pathology and anatomical pathology.

### **Current research activity and expertise -**

Investigations on the pathogenesis and prevention of infectious diseases in farmed fish species. The main species under study are rainbow trout (*O. mykiss*) and sea bass (*D. labrax*). The current researches concern the inflammatory and immune response against pathogens, as well as the prevention of infectious diseases through immunostimulation and/or vaccination treatments. The laboratory experience includes: histology and immunohistochemistry, *in vitro* evaluation of cellular immunity parameters, evaluation of specific and non-specific immunity parameters in serum. These protocols have been refined through training visits at: Laboratory of Veterinary Pathology (UNIUD); Aquatic Vaccine Unit, Institute of Aquaculture of Stirling (UK); Lab. of Immunology, Dept. of Biomedical Sciences (UNIUD). D. Volpatti has been involved in various national and international research projects, and she co-authored 41 scientific articles published in peer-reviewed journals.