

Donatella Volpatti – brief CV

Date/place of birth: 14 November 1966, Spilimbergo (PN, Italy)

Home address: Piazza Marconi 52, 33080 Fiume Veneto (PN, Italy)

Office/lab address: DI4A, Univ. of Udine, Via Sondrio 2, 33100 Udine, Italy.

e-mail donatella.volpatti@uniud.it

Education and current role - Degree in Animal Science, 1992, University of Udine, Italy - PhD in Veterinary anatomo-histopathology, 1998, University of Bologna, Italy - Since 2003, researcher in Veterinary general pathology and anatomo-pathology - Chair professor for the following topics within the first and second level degree courses: Veterinary nutritional pathology - Pathology and immunology laboratory. **Current research activity and main laboratory skills** - Investigations on the pathogenesis/prevention of infectious diseases affecting farmed fish species. The most important species under study are currently rainbow trout (*O. mykiss*) and European sea bass (*D. labrax*). The researches carried out up to now concern the inflammatory and the immune response (innate and acquired) against pathogens, as well as the procedures aimed at the prevention of infectious diseases: *in vitro* and *in vivo* evaluation of natural immuno-modulatory compounds and vaccines. The laboratory experience includes: histology and immunohistochemistry, evaluation of leukocyte respiratory burst, evaluation of serum non specific and specific immune parameters. The procedures have been improved throughout the activity at the laboratories of Veterinary Pathology (Univ. of Udine) and by attending external laboratories, respectively: February-May 1996, Aquatic Vaccine Unit, Institute of Aquaculture of Stirling (UK); January-July 1993 – Immunology Laboratory, Dept. of Biomedical Science, Univ. of Udine. D. Volpatti has been involved in several national and international (EU granted) research projects. She has co-authored 30 papers published in international peer reviewed scientific journals.