**CURRICULUM VITAE**

**Prof. Venera Ferrito**

**(****vferrito@unict.it****)**

**ACADEMIC POSITION**

* Associate professor of Comparative Anatomy and Citology (SSD BIO/06)

**EDUCATION AND TRAINING**

1982 - MSc Degree in Biological Sciences - University of Catania

1988 Course "Practical methodologies for mapping the biological quality of rivers - Macroinvertebrate Community Analysis”.

1991 - Ph.D in Environmental sciences – Biogeohraphy of the Mediterranean territories - University of Catania

1999 - Course “Immunocitochimica” at the “Department of Bio-morphological and Functional Sciences” of the Faculty of Medicine and Surgery” of the University of Naples.

**TEACHING ACTIVITY**

Comparative Anatomy and elements of embriology

Evolutionary biology of marine animals

 **ACADEMIC RESPONSABILITIES**

* Coordinator of the three-year degree course “Environmental and natural sciences at the University of Catania.
* Member of the scientific committee of the research center of the University of Catania “L’ora del mare”
* Member of the Board of directors of the Marine Protected Area “Isole Ciclopi” as a delegate of the rector of the University of Catania
* Member of the National Committee of the International Union for Conservation of Nature (I.U.C.N.) for drawing up the red list of freshwater fish in Italy (2012)
* Member of the teaching staff of the PhD “Earth and Environmental Sciences”-University of Catania
* Member of scientific society: “Unione Zoologica Italiana” “Gruppo embriologico italiano” and “Società Italiana di Biologia Sperimentale”

**AREAS OF SCIENTIFIC INTEREST**

Microevolutionary processes in Teleosts

Fishes as bioindicators of the quality of aquatic environments

Faunistic aspects of the inland waters of Sicily

Genetic structure of fish species.

Biomarker of exposure to environmental pollution.

Molecular evolution of Teleosts.

DNA barcoding and new molecular approach for species identification.

Food molecular traceability.

Cell biology.

**EDITORIAL BOARD MEMBERSHIP**

* Scientific Committee - *Biodiversity Journal* ISSN 2039-0394.
* Guest Editor - Special Issue “Analysis and Application of Biomarkers in Environmental and Human Biomonitoring”. *Molecules*, MDPI.

<https://www.mdpi.com/journal/molecules/special_issues/molecules_biomarkers>

**TUTORSHIP**

Since 1996 she was *tutor* of a high number of BSa, MSc and PhD theses.