



Curriculum Vitae Prof. Genciana Terova

Current Position: Full Professor of Animal Science and Technology at the University of Insubria, Varese, Italy.

Education and Previous Academic Positions:

2014-2023 Associate professor (University of Insubria, Varese, Italy);
2003-2014 Research associate (University of Insubria, Varese, Italy);
2000-2003 Research associate (University of Basilicata, Potenza, Italy);
1995- 1998 - PhD in Animal Sciences (University of Basilicata, Potenza, Italy);
1994 - Degree in Biological Sciences (University of Bari, Italy);
1990-1993 Research associate at the Agricultural University of Tirana, Albania.
1989 - Degree in Biology (University of Tirana, Albania).

Research Experiences Abroad:

2001- Research stage on immunoenzymatic technologies at the University of Sheffield, UK;
1998 - Research stage on fish nutrition at the Ohio State University, School of Natural Resources, Columbus, USA;
1995 - Research stage on fish nutrition at Fish Research Institute, Szarvas, Hungary;

Scientific activity: The scientific activity is carried out in the fields of nutrigenomics, metagenomics, and animal welfare, with particular focus on teleost fish models. The research is dedicated to developing innovative nutritional strategies for sustainable aquaculture, through the replacement of traditional marine resources used in feeds, such as fishmeal and fish oil, with alternative protein and lipid sources of terrestrial origin, either natural or obtained through biotechnological processes. In this context, innovative ingredients are investigated, including plant proteins, insect-derived proteins produced within circular economy systems, autolyzed yeast proteins (single cell proteins), and microbial oils rich in omega-3 fatty acids, evaluating their effects on protein metabolism, growth performance, immune response, and health status of commercially relevant fish species. The expertise includes the use of physiological and molecular platforms to analyse nutritional and functional responses of the organism, as well as advanced high-throughput 16S rRNA sequencing techniques for the study of the intestinal microbiota. The overall objective is to understand the interactions between diet, microbiota, and fish physiology, and to develop biotechnological and nutritional approaches aimed at modulating intestinal microbial communities, ultimately improving productive performance, animal welfare, sustainability of farming systems, and the quality of products intended for human consumption.

Academic Activity:

Lecturer in “Animal Biotechnology” and “Food Biotechnology” for the Bachelor's degree course in “Biotechnology” at the University of Insubria, Varese, Italy.

Lecturer in “Transgenic Animals for Biotechnologies” for the Master's programme “Biotechnologies for the Bio-based and Health Industries (BBHI)”, at the University of Insubria, Varese, Italy.

SCIENTIFIC PUBLICATIONS' LIST

Please see:

ORCID: <http://orcid.org/0000-0002-7532-7951>

Scopus ID: <https://www.scopus.com/authid/detail.uri?authorId=6602956364>

Google Scholar: https://scholar.google.com/scholar?hl=it&as_sdt=0%2C5&q=genciana+terova&oq=genciana+

RESEARCH GATE: https://www.researchgate.net/profile/Genciana_Terova

Prof. Terova has authored **161 articles** published in international journals between 1998 and 2024, as well as **11 book chapters** in English and Italian language.

According to the SCOPUS database, she has an **H-index of 43** (as of 25/01/2026) and her work is **cited in 5933 articles** published in international journals indexed in the SCOPUS database.

SCOPUS (as of 25/01/2026):

Scientific Publications (1998-2026): **161**

Total citations: **5933**

H index: **43**

PRINCIPAL RESEARCH PROJECTS (last 5 years)

Project: I-FISH. Protocol no.: 414352 - dated 07/12/2023 - AOO_IAI - AOO_Incentives Fund for Sustainable Growth - Agreements for innovation referred to in the Ministerial Decree. 31 December 2021 and D.D. 14 November 2022. Total contribution: 8,574K€ for 5 partners at Italian level. **Grant 1,020 K€**. Coordinated by the company VRM S.R.L (C.F. 02779360243). Project start date: 04/06/2024. **Duration:** 36 months. **Role:** Research Unit Manager.

Project: “Shades of Green”. Cariplo Foundation - granting of a contribution of **70K€**, as part of the "Project actions consistent with strategic objectives (AMB)" tender - extra tender in partnership with SUPSI (Professional University School of Italian Switzerland). Project start date: 01/01/2019. **Duration:** 12 months. **Role:** Research Unit Manager.

Project: Horizon 2020 AqualMPACT - Genomic and nutritional innovations for genetically superior farmed fish to improve efficiency in European aquaculture. Activity: DT-BG-04-2018. Call: H2020-BG-2018-1; Type of Action: IA; Number: 818367; Total EU contribution: 6,201 K€ for 22 partners from 10 EU countries. **Grant 287K€**. Coordinator: Luke (Finland). **Duration:** 01/01/2019-31/12/2023. **Role:** Principal Investigator of the Italian Research Unit.

Project: **AGER II**, Fine Feed for Fish (4F), Coordinated by University of Insubria. Funded by AGER (Banking foundations for agri-food research; <http://www.progettoager.it/>). Call "Acquacoltura". Rif. nr. 2016-01-01. Total contribution: 729K€. **Grant 296 K€**. **Duration:** 01/11/2016-30/10/2020. **Role:** Principal Investigator of the Research Unit.

PUBLICATIONS' LIST:

Please see

https://scholar.google.com/scholar?hl=it&as_sdt=0%2C5&q=genciana+terova&oq=genciana+