

PROFESSIONAL CURRICULUM VITAE

PERSONAL INFORMATION

Surname Name
Telephone (Work)

E-mail

ORCID Code
Web of Science ResearcherID
Scopus Author Identifier Code

Esposito Giuseppe

011/2686 – 295

giuseppe.esposito@izsplv.it

0000–0001–6665–2712.
ABB–3359–2021; HKE–1040–2023.
57192190915.

CURRENT RESEARCH AREAS

- AGRICULTURE AND BIOLOGICAL SCIENCE.
- ENVIRONMENTAL SCIENCES.
- VETERINARY SCIENCES.

WORK EXPERIENCE

- Period
- Employer
- Sector / Structure
- Contract Type and Profile
- Main activities and responsibilities

01/07/2022 – TO DATE.

ISTITUTO ZOOPROFILATTICO SPERIMENTALE DEL PIEMONTE LIGURIA E VALLE D'AOSTA.
VIA BOLOGNA 148 – 10154 TURIN – ITALY.

FISH DISEASE LABORATORY – WITH THE REGIONAL REFERENCE CENTRE FOR THE BIODIVERSITY OF
AQUATIC ENVIRONMENTS ANNEXED (BIOAQUA).

FIXED-TERM RESEARCHER (Law no. 205 of 27 December 2017).

RESEARCH ACTIVITY WITH DIRECT RESPONSIBILITY, IN COMPLIANCE WITH THE ORGANIZATIONAL MODEL
OF THE INSTITUTE TO WHICH HE IS ASSIGNED.

- Period
- Employer
- Sector / Structure
- Contract Type and Profile
- Main activities and responsibilities

07/01/2020 – 31/07/2021.

PANAQUE S.R.L. – CALA GONONE ACQUARIUM.
STREET LA FAVORITA S.N.C. – 08022 DORGALI – ITALY.

AQUARIUM AND TECHNICAL MAINTENANCE.

PERMANENT EMPLOYMENT CONTRACT – AQUARIUM AND TECHNICAL MAINTENANCE.

LIFE SUPPORT SYSTEM (LSS) MANAGER. MANAGEMENT AND BREEDING OF AQUATIC ORGANISMS
(FRESHWATER SPECIES, MEDITERRANEAN MARINE, AND TROPICAL MARINE SPECIES) WITH A PARTICULAR
FOCUS ON THEIR DIETS IN CONTROLLED ENVIRONMENTS. LABORATORY ANALYSIS. SCIENTIFIC RESEARCH
AND COLLABORATIONS WITH VARIOUS NATIONAL RESEARCH INSTITUTES.

- Period
- Employer
- Sector / Structure
- Contract Type and Profile
- Main activities and responsibilities

01/08/2019 – 31/11/2019.

DEPARTMENT OF VETERINARY MEDICINE – UNIVERSITY OF SASSARI.
STREET VIENNA 2 – 07100 SASSARI – ITALY.

STRUCTURE OF PHYSIOLOGY OF NUTRITION AND ZOOLOGY.

SCHOLARSHIP.

EXPERIMENTAL ASSESSMENT OF THE CONSERVATION STATUS OF THE BIVALVE MOLLUSK *PINNA NOBILIS*
WITHIN THE ASINARA MPA AS PART OF THE REGIONAL ACTION PLAN FOR SPECIES PROTECTION:
MONITORING OF THE SPECIES AND ITS PATHOGENS.

- Period
- Employer
- Sector / Structure
- Contract Type and Profile
- Main activities and responsibilities

01/11/2015 – 31/10/2018.

DEPARTMENT OF VETERINARY MEDICINE – UNIVERSITY OF SASSARI.
STREET VIENNA 2 – 07100 SASSARI – ITALY.

STRUCTURES OF INSPECTION OF PRODUCTS OF ANIMAL ORIGIN AND PATHOLOGICAL ANATOMY.

PH.D. PROGRAM (31ST CYCLE).

FOOD QUALITY AND SAFETY OF FISHERY AND AQUACULTURE PRODUCTS, WITH A FOCUS ON BIVALVE
MOLLUSKS (B.M.). STUDY OF MAJOR DISEASES AFFECTING B.M.

EDUCATIONAL QUALIFICATIONS

PROFESSIONAL TRAINING

• Period	a.y. 2022/2023 – 2023/2024.
• University	Department of Public Health, Experimental and Forensic Medicine – University of Pavia (Italy).
• Academic degrees	PGDip. in Biostatistics and Epidemiological Methodology.
• Period	a.y. 2015/2016 – 2017/2018.
• University	Department of Veterinary Medicine – University of Sassari (Italy).
• Academic degrees	Ph.D. in Veterinary Sciences.
• Period	a.y. 2012/2013 – 2013/2014.
• University	Department of Agriculture - University of Sassari (Italy).
• Academic degrees	Master's Degree in Animal Production Sciences.
• Period	a.y. 2009/2010 – 2011/2012.
• University	Department of Agriculture - University of Sassari (Italy).
• Academic degrees	Bachelor's Degree in Agricultural and Animal Sciences.
ENGLISH	Listening: B2, Reading: B2, Interaction: B2, Oral Production: B2, Writing: C1.
FRENCH	Listening: B2, Reading: B2, Interaction: B2, Oral Production: B2, Writing: C1.

PUBLICATION

(National Journals)

1. Varello, K., Prearo, M., Elia, A.C., Squadrone, S., Pastorino, P., Magara, G., Tramuta, C., **Esposito, G.**, Caldaroni, B., Bozzetta, E., Abete, M.C. & Meloni, D., 2024. Uso del Detarox® AP per un'acquacoltura sostenibile: studio integrato sugli effetti patologici, genetici ed enzimatici in danio zebrato (*Danio rerio*). *Ittiopatologia*, 21, 1: 9-32, ISSN: 2281-8189.
2. Gabetti, A., Maganza, A., Mossotto, C., **Esposito, G.**, Bozzetta, E., Prearo, M. & Pastorino, P., 2024. Laghi alpini e ittiofauna alloctona: indagini sanitarie preliminari nel Lago Nero, (Cesana Torinese, Alpi Cozie). *Ittiopatologia*, 21, 2: 37-54, ISSN: 2281-8189.
3. Prearo, M. & **Esposito, G.**, 2024. Descrizione delle specie inserite nei generi affini al genere Garra: Ageneiogarra, Ceratogarra, Guigarra, Sinigarra, Typhlogarra e Vinagarra. *Ittiopatologia*, 21, 3: 129-197, ISSN: 2281-8189.
4. Prearo, M., Menconi, V., Bondavalli, F., Gabetti, A., Maganza, A., Abbà, M., Bezzo Lufrio, T., Zanolì, A., **Esposito, G.**, & Pastorino, P., 2023. Distribuzione e prevalenza di *Eustrongylides excisus* nella fauna ittica lacustre del Piemonte. *Ittiopatologia*, 20(2): 27-53, ISSN: 2281-8189.
5. Menconi, V., Pastorino, P., **Esposito, G.**, & Prearo, M., 2022. Presenza di *Clinostomum complanatum* in pesce persico (*Perca fluviatilis*) nel Lago di Endine (Bergamo, Italia). *Ittiopatologia*, 19(1): 3-13, ISSN: 2281-8189.
6. Prearo, M., Menconi, V., Tomasoni, M., **Esposito, G.**, Bondavalli, F., Bona, M.C., & Pastorino, P., 2022. Aggiornamenti sulla prevalenza di *Dibothriocephalus latus* in pesce persico (*Perca fluviatilis*) nel Lago Maggiore. *Ittiopatologia*, 19(2-3): 45-56, ISSN: 2281-8189.
7. **Esposito, G.**, Pastorino, P., Meloni, D., Pais, A., Antuofermo, E., Menconi, V., Mugetti, D., Cesarani, A., Mudadu, A.G., Prearo, M., 2020. Veneridae: first part. The grooved carpet shell *Ruditapes decussatus* (Linnaeus, 1758). *Ittiopatologia*, 17(3): 87-99, ISSN: 2281-8189.
8. Spina, A., **Esposito, G.**, Chessa, V., Satta, G., Meloni, D., 2017. Applicazione del metodo colorimetrico per il riconoscimento delle frodi di sostituzione nella commercializzazione della polpa di riccio di mare *Paracentrotus lividus*, LAMARCK, *Industrie Alimentari*, 56(578): 11-18, ISSN: 0019901X, (CiteScore: 0.1).

1. Moroni, B., Meletiadiis, A., Di Nicola, M.R., Garcia-Vozmediano, A., Pitti, M., Dipietromaria, G., Zoppi, S., Bergagna, S., Pinelli, V., Guasco, C., Acutis, P., Pastorino, P., Prearo, M., **Esposito, G.**, 2025. Prevalence of *Salmonella*, *Cryptosporidium* and *Leptospira* in Invasive Pond Slider (*Trachemys scripta*) in North-Western Italy. *Veterinary Medicine and Science*, 11(4), e70439. <https://doi.org/10.1002/vms3.70439> (CiteScore: 3.5; I.F. 1.7).
2. **Esposito, G.**, Pastorino, P., Scala, S., Gini, M., Milanese, G., Bondavalli, F., Di Nicola, M.R., Turolla, E., Gabetti, A., Mossotto, C., Virgilio, S., Acutis, P.L., Meloni, D., Paolino, G., Melillo, R., Bozzetta, E., Prearo, M., Colussi, S., 2025. Haemolymph of blue crab (*Callinectes sapidus*) as a reservoir of bacteria potentially pathogenic to humans: public health implications. *Water Biology and Security*, 100426. <https://doi.org/10.1016/j.watbs.2025.100426> (CiteScore: 6.6; I.F. 4.4).
3. **Esposito, G.**, Bondavalli, F., Di Nicola, M.R., Pastorino, P., Scala, S., Gini, M., Milanese, G., Turolla, E., Maganza, A., Sciuto, S., Meloni, D., Melillo, R., Acutis, P.L., Bozzetta, E., Virgilio, S., Faggio, C., Colussi, S., Prearo, M., 2025. Blue Crab (*Callinectes sapidus*) Haemolymph as a Potential Reservoir of Mesophilic *Shewanella* Species. *Animals*, 15(12), 1731. <https://doi.org/10.3390/ani15121731> (CiteScore: 5.2; I.F. 2.7).
4. **Esposito, G.**, Bignami, G., Colussi, S., Pastorino, P., Bondavalli, F., Fioravanti, M., Bozzetta, E., Acutis, P.L., Valentino, A., Rizzi, R., Gustinelli, A., Prearo, M., 2025. Expanding Horizons: The First Reported Outbreak of Piscine Lactococcosis in Farmed Gilthead Seabream *Sparus aurata* in the Northern Tyrrhenian Sea. *Journal of Fish Diseases*, 48(7), e14121. <https://doi.org/10.1111/jfd.14121> (CiteScore: 4.7; I.F. 2.2).
5. Pastorino, P., Deremarque, T., Mossotto, C., Gabetti, A., Maganza, A., **Esposito, G.**, Lo Conte, P., Bozzetta, E., Combe, M., Prearo, M., Gozlan, R.E., 2025. The silent spread of the rosette agent *Sphaerothecum destruens*: first report in Italy and new freshwater fish hosts. *Water Biology and Security*, 100451. <https://doi.org/10.1016/j.watbs.2025.100451> (CiteScore: 6.6; I.F. 4.4).
6. Maganza, A., Mossotto, C., Gabetti, A., Gozlan, R.E., Combe, M., **Esposito, G.**, Faggio, C., Elia, A., C., Renzi, M., Prearo, M., 2025. Expanding Host Range: First Record of *Eustrongylides excisus* in *Padogobius bonelli* (Gobiidae) from the Po River (Northwest Italy). *Fishes*, 10(6), 254. <https://doi.org/10.3390/fishes10060254> (CiteScore: 3.0; I.F. 2.4).
7. Pastorino, P., Maganza, A., Mossotto, C., Anselmi, S., Provenza, F., Gabetti, A., **Esposito, G.**, Faggio, C., Elia, A.C., Renzi, M., Prearo, M., 2025. Gadolinium exposure in *Procambarus clarkii*: tissue-specific bioaccumulation and oxidative stress responses. *Emerging Contaminants*, 100544. <https://doi.org/10.1016/j.emcon.2025.100544> (CiteScore: 8.0; I.F. 6.9).
8. Shahin, K., Abdel-Gilil, M., Saticioğlu, I.B., Duman, M., Altun, S., Colussi, S., **Esposito, G.**, Acutis, P.L., Prearo, M., Spondler, B., Altinok, I., Kotzamanidis, C., Vela, A.I., Soto, E., Leal, C. A.G., Ajmi, N., Aoki, S., 2025. Diving Into the Depths: Unveiling the Main Etiologies of Piscine Lactococcosis With a Novel Multiplex qPCR Assay. *Journal of Fish Diseases*, e14147. <https://doi.org/10.1111/jfd.14147> (CiteScore: 4.7; I.F. 2.2).
9. Melillo, R., Lonis, R., Lorenzoni, G., Piras, G., Cogoni, N., Cau, S., Salza, S., Bazzardi, R., Molotzu, M., **Esposito, G.**, Vodret, B., Meloni, D., Virgilio, S. (2025). Implementation of digestion and characterization procedures for control standardization on samples of Gilthead seabream (*Sparus aurata*) and plastic polymers from the coastal environment of the Asinara Gulf (Sardinia, Italy). *Applied Food Research*, 100919. <https://doi.org/10.1016/j.afres.2025.100919> (CiteScore: 6.2; I.F. 7.1).
10. Akhavanfard, D., Sabzghabaei, G. R., Banaee, M., Paolo, P., **Esposito, G.**, Faggio, C., 2025. Elevated trace element concentrations in Arabian scallops, Natal rock oysters, and Intermediate clams in the Persian Gulf. *Journal of Trace Elements in Medicine and Biology*, 127659. <https://doi.org/10.1016/j.jtemb.2025.127659> (CiteScore: 6.3; I.F. 3.3).
11. Piras, G., Bazzoni, A.M., Lorenzoni, G., Meloni, D., Melillo, R., Bazzardi, R., Cau, S., Soro, B., Delogu, A., Salza, S., Tedde, T., Fois, N., **Esposito, G.**, Virgilio, S., Mudadu, A.G., 2025. Assessment of *Salmonella* spp., *E. coli*, *Vibrio parahaemolyticus* and algal biotoxins in Pacific Cupped Oysters (*Magallana gigas*) along with monitoring of phytoplankton and hydrological parameters in water samples from an experimental facility in the Calich Lagoon (Italy). *Applied*

12. Pastorino, P., **Esposito, G.**, Prearo, M., Sonne, C., 2025. The role of invasive alien species as bioindicators for environmental pollution. *Current Opinion in Environmental Science & Health*, 100620. <https://doi.org/10.1016/j.coesh.2025.100620> (CiteScore: 15.9; I.F. 6.6).
13. Maganza, A., Gabetti, A., Mossotto, C., Pastorino, P., **Esposito, G.**, Di Nicola, M.R., Rizzoli, B., Elia, A. C., Prearo, M., 2025. Assessing the distribution and habitat suitability of *Austropotamobius pallipes* complex in proximity of invasive *Procambarus clarkii* in the Avigliana Lakes (northwest Italy): an integrated approach to ecosystem health and conservation. *Aquatic Sciences*, 87(2), 50. <https://doi.org/10.1007/s00027-025-01175-1> (CiteScore: 4.1; I.F. 1.8).
14. Gabetti, A., Nocita, A., Maganza, A., Mossotto, C., Anselmi, S., Bentivoglio, T., **Esposito, G.**, Bozzetta, E., Elia, A.C., Renzi, M., Prearo, M., Barceló, D., Pastorino, P., 2025. Unveiling microplastic pollution: Evaluating the role of *Sinotaia quadrata* (Caenogastropoda, Viviparidae) as a monitoring tool in freshwater ecosystems. *Environmental Research*, 276, 121513. <https://doi.org/10.1016/j.envres.2025.121513> (CiteScore: 14.7; I.F. 7.7).
15. Mossotto, C., Anselmi, S., Trevisan, S., Provenza, F., Maganza, A., Gabetti, A., **Esposito, G.**, Elia, A. C., Prearo, M., Renzi, M., Pastorino, P. (2025). Assessing the toxicity of gadolinium in freshwater and marine ecosystems: Effects across trophic levels. *Environmental Toxicology and Pharmacology*, 115, 104673. <https://doi.org/10.1016/j.etap.2025.104673> (CiteScore: 7.9; I.F. 4.2).
16. Mossotto, C., Maganza, A., Gabetti, A., **Esposito, G.**, Faggio, C., Renzi, M., Kazmi, S.S.U.H., Bozzetta, E., Prearo, M., Pastorino, P., 2025. Tackling micro (nano) plastic pollution in aquaculture systems. *Current Opinion in Chemical Engineering*, 48, 101104. <https://doi.org/10.1016/j.coche.2025.101104> (CiteScore: 14.7; I.F. 7.7).
17. Di Nicola, M. R., Colla, L., Mezzadri, S., Cerullo, A., **Esposito, G.**, Pastorino, P., Paolino, G., Acutis, P.L., Marini, D., Faraone, F.P., 2025. Reproductive Traits and Hatchling Characteristics of the Endemic Sardinian Grass Snake (*Natrix helvetica cetti*): First Field Data, with Screening for *Ophidiomyces ophidiicola*. *Animals*, 15(3), 418. <https://doi.org/10.3390/ani15030418> (CiteScore: 5.2; I.F. 2.7).
18. Murgia, C., Cubeddu, T., Burrai, G.P., Alberti, A., Bertolotti, L., Colitti, B., Prearo, M., Pastorino, P., **Esposito, G.**, Mandrioli, L., Barbera, G., Sanna, M.A., Polinas, M., Soto, E., Antuofermo, E., 2024. Systemic Granulomatosis in the Meagre *Argyrosomus regius*: Fishing for a Plausible Etiology. *Veterinary Sciences*, 11(12), 597. <https://doi.org/10.3390/vetsci11120597> (CiteScore: 3.5; I.F. 2.3).
19. Sciuto, S., **Esposito, G.**, Pastorino, P., Shahin, K., Varello, K., Trabunella, E., ... & Colussi, S., 2024. First Detection of *Lactococcus petauri* in Domestic Dogs in Italy. *Animals*, 14(22), 3279. <https://doi.org/10.3390/ani14223279> (CiteScore: 5.2; I.F. 2.7).
20. Bertoli, M., Salvi, G., Morsanuto, R., Pavoni, E., Pastorino, P., **Esposito, G.**, ... & Pizzul, E., 2024. Midge Paleo-Communities (Diptera Chironomidae) as Indicators of Flood Regime Variations in a High-Mountain Lake (Italian Western Alps): Implications for Global Change. *Diversity*, 16(11), 693. <https://doi.org/10.3390/d16110693> (CiteScore: 4.0; I.F. 2.1).
21. Pastorino, P., Bertoli, M., Caldaroni, B., Giugliano, R., Ciccotelli, V., Vivaldi, B., Squadrone, S., Griglione, A., Abete, M.C., Renzi, M., **Esposito, G.**,... & Elia, A.C., 2024. Influence of water chemistry and contaminant occurrence on the oxidative stress ecology of *Cottus gobio* in a high-mountain lake (Carnic Alps). *Environmental Research*, 264, 120343. <https://doi.org/10.1016/j.envres.2024.120343> (CiteScore: 9.5; I.F. 7.7).
22. Darvishi, Y., Pourkhabbaz, H., Pastorino, P., **Esposito, G.**, Banaee, M., Faggio, C., 2024. Bioaccumulation Patterns of Trace Elements in Jellyfish (*Crambionella orsini* and *Cassiopea andromeda*) from Northwestern Coastal Waters of the Persian Gulf. *Journal of Marine Science and Engineering*, 12(11), 1938. <https://doi.org/10.3390/jmse12111938> (CiteScore: 5.0; I.F. 2.8).
23. Bergamino, C., Tomasoni, M., Colussi, S., Montemurro, V., Altinok, I., Prearo, M., Kotzamanidis, C., Acutis, P.L., Vela, A.I., Sciuto, S., **Esposito, G.**,... & Sicuro, B., 2024. Matings Between Individuals with Similar Major Histocompatibility Complex (MHC) Improve Offspring Survival in the Rainbow Trout (*Oncorhynchus mykiss*). *Fishes*, 9(11), 436.

<https://doi.org/10.3390/fishes9110436> (CiteScore: 3.0; I.F. 2.4).

24. **Esposito, G.**, Peletto, S., Guo, X., Pastorino, P., Arillo, A., Martini, I., ... & Modesto, P. (2024). Genetic Variability in Mediterranean Coastal Ecosystems: Insights into *Ostrea* spp. (Bivalvia: Ostreidae). *Biology*, 13(9), 702. <https://doi.org/10.3390/biology13090702> (CiteScore: 7.4; I.F. 3.5).
25. Sciuto, S., Colussi, S., **Esposito, G.**, Meletiadiis, A., Prearo, M., Pizzul, E., Acutis, P.L., Gozlan, R.E., & Pastorino, P., 2024. Buccal swabs for long-term DNA storage in conservation genetics of fish: one-and-a-half-year analysis timeframe. *Global Ecology and Conservation*, 51: e02867. <https://doi.org/10.1016/j.gecco.2024.e02867> (CiteScore: 4.5; I.F.: 3.970).
26. Elia, A.C., Pastorino, P., Magara, G., Caldaroni, B., Dörr, A.J.M., **Esposito, G.**, Menconi, V., & Prearo, M., 2024. The invasive *Sinanodonta woodiana* (Bivalvia: Unionidae) as a bioindicator to uncover ecological disturbances: first insights from Lake Candia (northwest Italy). *Environmental Sustainability Indicators*, 22: 100376. <https://doi.org/10.1016/j.indic.2024.100376> (CiteScore: 7.8; I.F.: 5.4).
27. Gabetti, A., Maganza, A., Mossotto, C., Rizzoli, B., **Esposito, G.**, Bertoli, M., Pizzul, E., Bozzetta, E., Prearo, M., & Pastorino, P., 2024. Macrobenthic assemblages and influence of microhabitats in a high-mountain lake (Northwest Italy). *Diversity*, 16(6): 329. <https://doi.org/10.3390/d16060329> (CiteScore: 3.4; I.F.: 2.1).
28. **Esposito, G.**, Bergagna, S., Colussi, S., Shahin, K., Rosa, R., Volpatti, D., Faggio, C., Mossotto, C., Gabetti, A., Maganza, A., Bozzetta, E., Prearo, M., & Pastorino, P., 2024. Changes in serum blood parameters in farmed rainbow trout (*Oncorhynchus mykiss*) during a lactococcosis outbreak. *Journal of Fish Diseases*. <https://doi.org/10.1111/jfd.13994> (CiteScore: 4.6; I.F.: 2.2).
29. **Esposito, G.**, Meletiadiis, M., Sciuto, S., Prearo, M., Gagliardi, F., Corrias, I., Pira, A., Dondo, A., Briguglio, P., Ghittino, C., Bozzetta, E., Acutis, P.L., Dedola, D., Pastorino, P., & Colussi, S., 2024. First report of recurrent parthenogenesis as an adaptive reproductive strategy in the endangered common smooth-hound shark *Mustelus mustelus*. *Scientific Reports*, 14: 17171. <https://doi.org/10.1038/s41598-024-67804-1> (CiteScore: 6.9; I.F.: 3.8).
30. Meloni, D., Mudadu, A.G., Abete, M.C., Bazzoni, A.M., Griglione, A., Avolio, R., Serra, S., Fois, N., **Esposito, G.**, Melillo, R. & Squadrone, S., 2024. Seasonal variability of trace elements bioaccumulation in Pacific Oysters (*Crassostrea gigas*) from an experimental pilot farm in the Calich Lagoon (Sardinia, Italy). *Journal of Trace Elements in Medicine and Biology*, 85: 127487. <https://doi.org/10.1016/j.jtemb.2024.127487> (CiteScore: 6.6; I.F.: 3.6).
31. Sabatino, L., **Esposito, G.**, & Meloni, D., 2024. Occurrence of silver-cheeked toadfish *Lagocephalus sceleratus* (Tetraodontiformes: Tetraodontidae) and tetrodotoxins in the Mediterranean Sea: Implications for the Italian Fishing Sector? *Regional Studies in Marine Science*, 103562. <https://doi.org/10.1016/j.rsma.2024.103562> (CiteScore: 3.9; I.F.: 2.1).
32. Sciuto, S., Volpatti, D., **Esposito, G.**, Pastorino, P., Khalil, S.M.I., Stoppani, N., ... Acutis, P.L. & Colussi, S., 2023. Near Infrared Spectroscopy as a Novel Non-Invasive Tool for the Detection of Lactococcosis in Rainbow Trout. *Aquaculture Reports*, 33: 101862. <https://doi.org/10.1016/j.aqrep.2023.101862> (CiteScore: 2.2; I.F. 3.385).
33. Schleicherová, D., Menconi, V., Moroni, B., Pastorino, P., **Esposito, G.**, Canola, S., Righetti, M., Dondo, A. & Prearo M., 2023. An epidemiological update on Anisakis nematode larvae in red mullet (*Mullus barbatus*) from the Ligurian Sea. *Pathogens*, 12(11): 1366. <https://doi.org/10.3390/pathogens12111366> (CiteScore: 5.1; I.F. 3.7).
34. Pastorino, P., Squadrone, S., Berti, G., **Esposito, G.**, Bondavalli, F., Renzi, M., ... & Prearo, M., 2023. Occurrence of rare earth elements in water, sediment, and freshwater fish of diverse trophic levels and feeding ecology: Insights from the Po river (northwest Italy). *Environmental research*, 117455. <https://doi.org/10.1016/j.envres.2023.117455> (CiteScore: 7.9; I.F. 8.431).
35. Maganza, A., Gabetti, A., Pastorino, P., Zanolì, A., Sicuro, B., Barcelò, D., ... & **Esposito, G.**, 2023. Toward Sustainability: An Overview of the Use of Green Hydrogen in the Agriculture and Livestock Sector. *Animals*, 13(16): 2561. <https://doi.org/10.3390/ani13162561> (CiteScore: 4.2; I.F. 3.0).

36. Tedde, G., Lorenzoni, G., Meloni, D., Salza, S., Melillo, R., Bazzardi, R., ... **Esposito, G.**, Virgilio, S. & Mudadu, A.G., 2023. Trend of Pathogenic *Vibrio parahaemolyticus* Occurrences in Bivalve Molluscs Harvested in Sardinian Coastal Environments Between 2011 and 2018. *Journal of Food Protection*, 86(10): 100150. <https://doi.org/10.1016/j.jfp.2023.100150> (CiteScore: 4.2; I.F. 2.0).
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International Conference
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 (Relating to the a.y. 2022–2024)

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37. Bondavalli, F., Colussi, S., Pastorino, P., **Esposito, G.**, Abbà, M., Bezzo Lluiprio, T., Zanoli, A., Acutis, P.L., & Prearo, M., 2023. First identification of *Lactococcus petauri* in pumpkinseed sunfish (*Lepomis gibbosus*) in Italy. Proceedings of 21st International Conference on Diseases of Fish and Shellfish, Aberdeen, UK, 11-14 September 2023, 129-130.

38. Mugetti, D., Giaccone, F., Tomasoni, M., Menconi, V., Pastorino, P., **Esposito, G.**, Bondavalli, F., Dondo, A., & Prearo, M., 2022. Presence of Carp Edema Virus (CEV) in cyprinids: monitoring in natural environments or in presence of diseased carp. *Proceedings of Aquaculture America 2022*, San Diego, California, 28 February - 4 March 2022, 547.

39. **Esposito, G.**, Pastorino, P., Tomasoni, M., Mugetti, D., Stoppani, N., Menconi, V., Gagliardi, F., Corrias, I., Pira, A., Acutis, P.L., Dondo, A., Prearo, M., & Colussi, S., 2022. Isolation and identification of *Vibrio* colonies from captive juveniles of lesser spotted dogfish *Scyliorhinus canicula*. *Proceedings of Aquaculture America 2022*, San Diego, California, 28 February - 4 March 2022, 548.

40. Menconi, V., Pastorino, P., **Esposito, G.**, Tomasoni, M., Mugetti, D., Bondavalli, F., Dondo, A., & Prearo, M., 2022. An insight to aquaponics production: problems and benefit. *Proceedings of Aquaculture America 2022*, San Diego, California, 28 February - 4 March 2022, 549.

COORDINATION AND SCIENTIFIC MANAGEMENT

1. Research funded by Fondazione CRC (Cuneo, Torino).

Title: "Il punto di vista del consumatore: valorizzazione della filiera troficola cuneese attraverso la sostenibilità (ORISONT TRUTA)".

Budget: € 17.500,00

2. Research funded by Fondazione CRT (Torino).

Title: "Il Centro di Riferenza Regionale per la biodiversità degli ambienti acquatici, II: tutela e valorizzazione delle popolazioni di Alborella *Alburnus arborella* (BIO-TUTELA)".

Budget: € 25.000,00.

SCIENTIFIC ASSOCIATIONS AND WORKING GROUPS

Member of S.I.P.I. - Italian Society of Fish Pathology.

Member of the Organizing Committee of the XXVII National Conference of the S.I.P.I. (Italian Society of Fish Pathology), held in Genoa from 22 to 24 June 2023, at the Sala del Capitano, Palazzo San Giorgio, via della Mercanzia 2. https://www.sipi-online.it/wp-content/uploads/2023/02/Atti_XXVII-Convegno-SIPI_Genova.pdf

Scientific Secretariat of the Congress Sfide e opportunità nel settore ittico: sanità ed innovazione in acquacultura, 17 April 2025, IZSPLV "Carlo Rossi" conference room, via Bologna 148 Turin.

TEACHING

Speaker at the conference "*Problematiche vecchie e nuove nell'acquacoltura del terzo millennio. V corso di aggiornamento*", organised by the Istituto Zooprofilattico Sperimentale of Piemonte, Liguria and Valle d'Aosta – Turin, Italy, 6 April 2018.

Presentation title: "Bivalve molluscs. The grooved carpet shell: a national production to protect – brief notes on biology, ecology, farming, pathology and public health". <http://www.izsto.it/index.php/formazione/archivio-eventi/2191-problematiche-vecchie-e-nuove-nell-acquacoltura-del-terzo-millennio-v-corso-di-aggiornamento>.

Invited lecturer with a talk entitled "Bivalve molluscs: biology, ecology, farming, pathology and public health", within the training course "The future and innovation in modern aquaculture".

Department of Veterinary Sciences, University of Turin – 21 April 2023, Cuneo, Italy (Aula Magna, Piazza Torino 3).

Lecturer within the course unit Vertebrate Biology and Ecology on 2 December 2021 and 23 November 2022. Bachelor's Degree in Animal Production and Management in Farming and Wildlife. University of Turin.

Lecture topic: "Invasive alien species – practical examples of biodiversity conservation in aquatic environments".

Participation in internal teaching support activities throughout the three years of Ph.D. studies, within the Integrated Course 15.2 "Inspection, Control and Certification of Foods of Animal Origin":

- a) Module of Inspection and Control of Foods of Animal Origin;
- b) Module of Inspection and Control of Fishery Products;
- c) Master's Degree Programme in Veterinary Medicine (single-cycle), and Specialisation School in Inspection of Foods of Animal Origin. University of Sassari.

Co-supervisor of a Master's thesis in the MSc programme in Biomolecular and Environmental Sciences at the Department of Chemistry, Biology and Biotechnology, University of Perugia.

Thesis title: Effects of monovalent copper on oxidative stress biomarkers in the native grooved carpet shell clam (*Ruditapes decussatus*) from the Santa Gilla Lagoon (Southern Sardinia).

Candidate: Serena Vitale.

Co-supervisor of a Bachelor's Degree thesis in Aquaculture and Hygiene of Fish Production at the Department of Veterinary Medical Sciences (Parasitic Diseases of Aquatic Animals Lab), University of Bologna.

Thesis title: Health monitoring of an offshore cage aquaculture facility in Tuscany (Central-Western Italy).

Candidate: Marco Mazzarotto.

SCIENTIFIC AWARDS

First Prize (I°) Pietro Ghittino Award (Best Young Researcher Under 40).

26th National Congress of S.I.P.I. – Italian Society of Fish Pathology, Messina, Italy, 23–25 June 2022.

Second Prize (II°) Ettore Grimaldi Award (Best Publication):

Esposito, G., Prearo, M., Renzi, M., Anselmi, S., Cesarani, A., Barcelò, D., Dondo, A., Pastorino, P., 2022. Occurrence of microplastics in the gastrointestinal tract of benthic bycatches from an eastern Mediterranean deep-sea environment, 2022, *Marine Pollution Bulletin*, Volume 174, 2022, 113231, ISSN 0025-326X, <https://doi.org/10.1016/j.marpolbul.2021.113231>.

26th National Congress of S.I.P.I. – Italian Society of Fish Pathology, Messina, Italy, 23–25 June 2022.

Second Prize (II°) Ettore Grimaldi Award (Best Publication):

Esposito, G., Pastorino, P., Prearo, M., Magara, G., Cesarani, A., Freitas, R., ... & Elia, A. C. (2022). Ecotoxicity of Copper (I) Chloride in Grooved Carpet Shell (*Ruditapes decussatus*). *Antioxidants*, 11(11), 2148. <https://doi.org/10.3390/antiox11112148>.

27th National Congress of S.I.P.I. – Italian Society of Fish Pathology, Genoa, Italy, 22–23 June 2023.

SCIENTIFIC COURSES

"R Syntax and Applications: Data Analysis, Visualization, and Dissemination". February 18, 2024. *Aquaculture America 2024* – San Antonio, Texas. https://was.org/Meeting/pdf/AA2024_R_Workshop_Flyer.pdf

OTHER

- PADI Open Water Diver Certification (No. 2011EP9870).
- *European Computer Driving Licence (ECDL) (No. IT - 576972)*.
- *Diplôme d'Études en Langue Française (DELF B1) (No. 039279-200602S-31349)*.
- Licensed to practise as an Agronomist and Forester – Section A, Department of Agriculture – University of Sassari (State Examination, 2nd session 2015). Registered with the Professional Association of Agronomists and Foresters of the Province of Sassari, Italy (Registration stamp No. 1050).
- Authorised to carry out artificial insemination procedures (A.I.) in cattle in accordance with current legislation (Law 74/74).

Place, date

Turin, August 06, 2025.

Autorizzo il trattamento dei miei dati personali presenti nel cv ai sensi dell'art. 13 del Decreto Legislativo 30 giugno 2003, n. 196 "Codice in materia di protezione dei dati personali" e dell'art. 13 del GDPR (Regolamento UE 2016/679).