

EUROPEAN  
CURRICULUM VITAE  
FORMAT



PERSONAL INFORMATION

Name

MARCO FAIMALI

Address

NATIONAL RESEARCH COUNCIL – INSTITUTE FOR THE STUDY OF ANTHROPIC IMPACTS  
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SCOPUS links

- <https://www.scopus.com/authid/detail.uri?authorId=6602752065>

Other link

- <https://www.cnr.it/it/istituto/124/direttore/istituto-per-lo-studio-degli-impatti-antropici-e-sostenibilita-in-ambiente-marino-ias>,  
- [https://scholar.google.com/citations?hl=it&user=sevSYgEAAAJ&view\\_op=list\\_works&sortby=pubdate](https://scholar.google.com/citations?hl=it&user=sevSYgEAAAJ&view_op=list_works&sortby=pubdate).

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WORK EXPERIENCE

• Dates (from - to)

April 2020 - today

• Name and address of the employer

National Research Council – Institute for the Study of Anthropic Impacts and Sustainability in the Marine Environment (CNR-IAS)

• Type of business or sector

• Occupation or position held

• Main activities and responsibilities

**Director**

• Dates (from - to)

From February 2020

• Name and address of the employer

National Research Council – Institute for the Study of Anthropic Impacts and Sustainability in the Marine Environment (CNR-IAS)

• Type of business or sector

• Occupation or position held

• Main activities and responsibilities

**Senior Researcher – Ecology (BIO/07)**

• Dates (from - to)

February 2009 –February 2020

• Name and address of the employer

National Research Council – Institute for the Study of Anthropic Impacts and Sustainability in the Marine Environment (CNR-IAS)

• Type of business or sector

• Occupation or position held

• Main activities and responsibilities

**Researcher – Ecology (BIO/07)**

• Dates (from - to)

February 2004 –February 2009

• Name and address of the employer

National Research Council – Institute of Marine Sciences (CNR-ISMAR)

• Type of business or sector

• Occupation or position held

• Main activities and responsibilities

**Researcher (temporary position) – Ecology (BIO/07)**

• Dates (from - to)

January 1995 –January 2004

• Name and address of the employer

National Research Council

• Type of business or sector

• Occupation or position held

• Main activities and responsibilities

**Research fellowships and temporary contracts**

EDUCATION AND TRAINING

- Dates (from - to)
- Name and type of organisation providing education and training
- Principal subjects/occupational skills covered
- Title of qualification awarded

2000 – 2003

Università degli Studi di Genova (Italy)

Study of the larval stages of marine invertebrates as alternative biological models in behavioural ecotoxicological bioassays

**Doctorate in Marine Environmental Sciences**

- Dates (from - to)
- Name and type of organisation providing education and training
- Principal subjects/occupational skills covered
- Title of qualification awarded

1988 – 1992

Università degli Studi di Genova (Italy)

Pollution in freshwater teleosts through the analysis of microsomal enzymes

**Graduate in Natural Sciences**

## PERSONAL SKILLS AND COMPETENCES

MOTHER TONGUE

OTHER LANGUAGES

ITALIAN

ENGLISH, FRENCH

## SCIENTIFIC SKILLS AND COMPETENCES

*Living and working with other people, in multicultural environments, in positions where communication is important and situations where teamwork is essential (for example culture and sports), etc.*

- Research interests (5 Key words): ecotoxicology, biofouling, environmental monitoring, marine technologies, environmental impact
- Author of more than 130 publications on Scientific Journals.
- Professor of "Marine Ecotoxicology" at University of Genoa (Italy) since 2018
- Organization and Communication at national and international congresses (more than 150 communications).
- Supervisor of more than 20 theses (three-year, specialist and master's); guiding teacher and co-rapporteur of more than 25 National and International doctoral theses

## RELEVANT ROLES AND COMPETENCES

*Coordination and administration of people, projects and budgets; at work, in voluntary work (for example culture and sports) and at home, etc.*

- Director of the Institute for the study of Anthropic impacts and Sustainability in marine environment of the National Research Council (CNR-IAS), consisting of about 100 people and several students and graduate researchers.
- Head of CNR-IAS Genoa Unit from 2015 to 2020 dedicated to effects of anthropogenic impacts on the marine environment.
- Head of "Ecotoxicology and Environmental monitoring" (ECOTOX) Research Group at CNR-IAS from 2004 to 2015, performing research on marine ecotoxicology;
- Participation in 37 national and International projects.
- Project or Task leader of 16 national and international projects. The most important ones in the last 5 years:
  - 2022-2026 Spoke Leader of Spoke 3 of the "Robotics and AI for Socio-economic Empowerment – RAISE" project financed by the Ministry of University and Research (MUR) with Investment 1.5 (M4C2) of the National Recovery and Resilience Plan (PNRR).
  - 2020-2023 JPI Oceans RESPONSE "Toward a risk-based assessment of MP pollution in marine ecosystem". Funding body: EU Commission. Role: Task leader
  - 2021-2023 Research Project of National Interest EMME "Exploring the fate of Mediterranean microplastics: from distribution pathways to biological effects". Role: Research Unit Coordinator.
  - 2017-2022: EU H2020 CLAIM "Cleaning Litter by developing and Applying Innovative Methods in European seas". Funding body: EU Commission. Role: WP leader.
  - 2017-2020: EU H2020 DUPLEXWASTE "Lean Duplex Stainless Steel for Urban and Industrial Waste Water". Funding body: EU Commission. Role: Task leader.
  - 2016-2019 JPI Oceans EPHEMARE "Ecotoxicological effects of microplastics in marine ecosystems". Funding body: EU Commission. Role: Participant.
- Coordinator of more than 30 industrial research contracts.
- CNR referent for MATTM (Ministry for Environment, Land and Sea Protection) in the Technical Table "Expert Observatory" for the analysis and optimization of scientific aspects related to D.M. 173/2016 (D.D. PNM n. 19983 - 07/08/2019).

- CNR referent for MATTM (Ministry for Environment, Land and Sea Protection) in the Technical Table "Protection of the environment and the sea" for a monitoring plan for seawater discharges related to DL. 152/2006 (CNR protocol n. 0013487/2017) since 2017.
- Member of the European Marine Board Communication Panel (EMBCP), a pan European platform to promote European Marine Board activities since 2018.

#### PUBLICATION INDEXES (GOOGLESCHOLAR)

- NUMBER OF PUBLICATIONS: 216
- TOTAL NUMBER OF CITATIONS: 5632
- H-INDEX: 45

#### 10 MOST RELEVANT PUBLICATIONS *In the last 10 years.*

1. Roberta Miroglio, Roberta Nugnes, Lisa Zanetti, Marco Faimali, Chiara Gambardella (2025). Environmental concentrations of fluoxetine antidepressant affect early development of sea urchin *Paracentrotus lividus*. *Marine Environmental Research*, 207, 107080.
2. Chiara Gambardella, Roberta Miroglio, Elisa Costa, Jérôme Cachot, Bénédicte Morin, Christelle Clérandeau, Anna Rotander, Kevin Rocco, Giuseppe d'Errico, Rodrigo Almeda, Olalla Alonso, Etienne Grau, Veronica Piazza, Lucia Pittura, Maura Benedetti, Francesco Regoli, Marco Faimali, Francesca Garaventa (2024). New insights into the impact of leachates from in-field collected plastics on aquatic invertebrates and vertebrates; *Environmental Pollution*, 355, 124-233.
3. MJF Marques, A Benedetti, F Castelli, Marina Delucchi, Marco Faimali, S Delsante, F Valenza, F Garaventa, G Pavanello, Régine Basséguy (2023). Influence of natural seawater variables on the corrosion behaviour of aluminium-magnesium alloy *Bioelectrochemistry* 149, 108321
4. Elisa Costa, Chiara Gambardella, Roberta Miroglio, Michela Di Giannantonio, Silvia Lavorano, Roberta Minetti, Francesca Sbrana, Veronica Piazza, Marco Faimali, Francesca Garaventa. Nanoplastic uptake temporarily affects the pulsing behavior in ephyrae of the moon jellyfish *Aurelia* sp. *Ecotoxicology*, 32 (5), 618-627.
5. Piazza V, Uheida A, Gambardella C, Garaventa F, Faimali M, Dutta J. (2022) Ecosafety Screening of Photo-Fenton Process for the Degradation of Microplastics in Water. *Frontiers in Marine Sciences*. Doi: 10.3389/fmars.2021.791431.
6. Gambardella C, Leggio O, Montarsolo A, Covazzi Harriague A, Del Core M, Faimali M, Garaventa F. (2022). An Integrated Approach to Characterize Deep Sediment Toxicity in Genoa Submarine Canyons (NW Mediterranean). *Environment Science and Pollution Research*, 29, 2883-2893.
7. Prousis KC, Kikionis S, Ioannou E, Morgana S, Faimali M, Piazza V, Calogeropoloulou T, Roussis V (2021). Synthesis and Antifouling Activity Evaluation of Analogs of Bromosphaerol, a Brominated Diterpene Isolated from the Red Alga *Sphaerococcus coronopifolius*. *Marine Drugs*, 20(1), 7.
8. Cormier B, Gambardella C, Tato T, Pedriat Q, Costa E, Vecclin C, Le Bihanic F, Grassl B, Dubocq F, Karman A, Van Arkel K, Lemoine S, Lagarde F, Morin B, Garaventa F, Faimali M, Cousin X, Begout M-L, Beiras R, Cachot J. (2021). Chemical sorbed to environmental microplastics are toxic to early life stages of aquatic organisms. *Ecotoxicology and Environmental Safety*, 208, 111665.
9. Costa E, Gambardella C, Piazza V, Vassalli M, Sbrana F, Lavorano S, Garaventa F, Faimali M. (2020). Microplastics ingestion in the ephyra stage of *Aurelia* sp. triggers acute and behavioural responses. *Ecotoxicology and Environmental Safety* 189, 109983.
10. Gambardella C, Piazza V, Albentosa M, Bebianno MJ, Cardoso C, Faimali M, Garaventa F, Garrido S, Gonzalez S, Perez S, Sendra M, Beiras R. (2019). Microplastics do not affect standard ecotoxicological endpoints in marine unicellular organisms. *Marine Pollution Bulletin* 143, 140-143.
11. Morgana S, Ghigliotti L, Estévez-Calvar N, Stifanese R, Wieckzorek A, Doyle T, Christiansen JS, Faimali M, Garaventa F. (2018). Microplastics in the Arctic: a case study with sub-surface water and fish samples of Northeast Greenland. *Environmental Pollution*, 242, 1078-1086.
12. Beiras R, Bellas J, Cachot J, Courmier B, Cousin X, Engwall M, Gambardella C, Garaventa F, Keiter S, Le Bihanic F, Lopez-Ibanez S, Piazza V, Rial D, Tato T, Vidal-Linan L. (2018). Ingestion and contact with polyethylene microplastics does not cause acute toxicity on marine zooplankton. *Journal of Hazardous Materials* 360, 452-460.
13. Gambardella C., Morgana S., Ferrando S., Bramini M., Piazza V., Costa E., Garaventa

- F., Faimali M. (2017). Effects of polystyrene microbeads in marine planktonic crustaceans. *Ecotoxicology and Environmental Research*, 145, 250-257
14. Piazza V, Gambardella C, Garaventa F, Canepa S, Costa E, Faimali M. (2016). Temperature and salinity effect on cadmium toxicity on lethal and sublethal responses of nauplii of *Amphibalanus amphitrite*. *Ecotoxicology and Environmental Safety*, 123, 8-17.

PATENTS

- 2 Patents: Nr. Mi2005a000534 of 31.03.2005; Nr. TO2008A000274 of 09.04.2008.

**According to law 679/2016 of the Regulation of the European Parliament of 27th April 2016, I hereby express my consent to process and use my data provided in this CV**

Genova, 21.07.2025

Signature