

EUROPEAN
CURRICULUM VITAE
FORMAT



PERSONAL INFORMATION

Name **GIAN MARCO LUNA**
Address **CNR IRBIM**
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SCOPUS links <https://www.scopus.com/authid/detail.uri?authorId=7006278382>
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E-mail **gianmarco.luna@cnr.it**
Nationality Italian
Date of Birth 02/01/1976
Gender male

WORK EXPERIENCE

- Dates (from - to) September 2018 - present
- Name and address of the employer Director of the Institute for Biological Resources and Marine Biotechnologies (CNR-IRBIM), Messina, Ancona
- Type of business or sector
- Occupation or position held **Director**
- Main activities and responsibilities

- Dates (from - to) January 2020 - present
- Name and address of the employer Director of Research at CNR-IRBIM, Ancona
- Type of business or sector
- Occupation or position held **Director of Research**
- Main activities and responsibilities

- Dates (from - to) June 2019 – December 2020
- Name and address of the employer Senior Researcher at CNR-IRBIM, Ancona
- Type of business or sector
- Occupation or position held **Senior Researcher**
- Main activities and responsibilities

- Dates (from - to) January 2016 – June 2019
- Name and address of the employer Research Scientist at CNR-ISMAR, Ancona
- Type of business or sector
- Occupation or position held **Researcher**
- Main activities and responsibilities

- Dates (from - to) November 2011 – January 2016
- Name and address of the employer Research Scientist at CNR-ISMAR, Venezia
- Type of business or sector
- Occupation or position held **Researcher**
- Main activities and responsibilities

EDUCATION AND TRAINING

- Dates (from - to) 2006-2011
- Name and type of organisation providing education and training Department of Marine Sciences, Polytechnic University of Marche
- Principal subjects/occupational skills covered Marine microbiology, microbial ecology
- Title of qualification awarded **Post Doc**
- Dates (from - to) 2005
- Name and type of organisation providing education and training Conisma - Consorzio nazionale interuniversitario per le scienze del mare
- Principal subjects/occupational skills covered Marine microbiology, microbial ecology
- Title of qualification awarded Scholarship
- Dates (from - to) 2001 – 2005
- Name and type of organisation providing education and training Università Politecnica delle Marche
- Principal subjects/occupational skills covered Biodiversity and ecosystem functioning in marine sediments: a microbial approach
- Title of qualification awarded **PhD in Marine Biology and Ecology**
- Dates (from - to) 1994 – 2000
- Name and type of organisation providing education and training Università degli Studi di Ancona
- Principal subjects/occupational skills covered Experimental degree on marine microbiology
- Title of qualification awarded **Graduate in biology**

PERSONAL SKILLS AND COMPETENCES

MOTHER TONGUE
OTHER LANGUAGES

ITALIAN
ENGLISH

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): marine biodiversity, marine microbiology, omics, microbial ecology, microbial food webs
- Author of >100 scientific publications and book chapters (68 on ISI Journals)
- Oral and poster communications at national and international congresses (>100), participation to Scientific Committees and Chair of national/international Conferences. Invited Speaker at Italian Conference of SIMGBM (Società Italiana di Microbiologia Generale e Biotecnologie Microbiche; 2017), at XXIII Conference of AIOL (Associazione Italiana di Oceanologia e Limnologia, 2017), at international Workshop "BONUS BaltCoast – Bathing water quality issues with external experts" (Klaipeda University, Lituania, 2016)
- Supervisor of >15 theses in several Italian universities (Università Cà Foscari Venezia, Università di Padova, Università Politecnica delle Marche, Università di Bologna); co-supervisor of 2 doctoral theses
- >40 lectures for Universities, University Masters, International Courses and Summer Schools since 2005
- Participation to Doctoral Commissions in Italian and foreign universities, Scientific Board Member of the International PhD Program "FishMed - Innovative Technologies and Sustainable Use of Mediterranean Sea Fishery and Biological Resources"
- Participated to >20 oceanographic campaigns aboard Italian, British, Dutch, French and Norwegian research vessels, and to scientific expeditions with field activities in Israel, Tunisia, Greece and Spain

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 CNR IRBIM (Institute for Biological Resources and Marine Biotechnologies), distributed in 4 Research centres (Messina, Mazara del Vallo, Ancona and Lesina) and with >150 staff including scientific (researchers/technologists), technical-administrative staff, fellows, postdocs and PhD students. IRBIM is one of the 3 Institutes of the DSSTTA Department of CNR that deal with marine research (together with ISMAR and IAS). www.ricercamarina.cnr.it
- CNR Representative (2014-2020) at the General Assembly of EMBRC-IT (Italian Node) at the European Marine Biological Resource Center Research Infrastructure (www.embrc.eu)
- Participant, Coordinator or WorkPackage leader of >30 national and international research projects. The three most important ones in the last 5 years:
 - o 2021-present. ARENA-Antibiotic REsistaNce and Pathogenic Signature in Marine and Freshwater Aquaculture Systems (funded by JPI AquaticPollutants) Role: Project Coordinator;
 - o 2019-present: MetalceRoss-A metagenomic-based investigation of the planktonic microbial food web in relation with ice melting occurring in the Ross Sea coastal ecosystem (funded by PNRA) Role: Project Coordinator;
 - o 2018-present: CIRCLES-Controlling mlcRobiomes CircuLations for bEtter food Systems (funded by EU Horizon 2020 research and innovation programme under grant agreement No 818290) Role: WP Leader;
- Delegate Representative (2018-2019) for the CNR at the Working Group (GLA) and Restricted Working Group at the Italian Ministry of Foreign Affairs for Antarctic Issues, as well as a member of the WGs on International Cooperation in Antarctica
- Evaluator of research proposals for FWF, UEFISCDI, USC Sea Grant Program, ERANET and Italian National Research Assessment (VQR) as expert in Marine Biodiversity, Microbiology, Marine Biology and Ecology (2011-present)
- Since 2006, reviewer for The ISME Journal, Scientific Reports, Trends in Microbiology, FEMS Microbiology Ecology, Microbial Ecology, Aquatic Microbial Ecology, Frontiers in Microbiology, Frontiers in Marine Science, Environmental Microbiology, Environmental Science & Technology, Water Research, Environmental Pollution, Environmental Microbiology Reports, PLOS One, Deep-Sea Research, Science of the Total Environment, and others.

PUBLICATION INDEXES (SCOPUS)

- NUMBER OF PUBLICATIONS: 68
- TOTAL NUMBER OF CITATIONS: 2468
- H-INDEX: 27

10 MOST RELEVANT
PUBLICATIONS
In the last 10 years.

1. Luna G.M., Quero G.M., Kokou F., Kormas, K. (2022) Time to integrate biotechnological approaches into fish gut microbiome research. *Current Opinion in Biotechnology* 73, 121–127
2. Basili M., Quero G.M., Giovannelli D., ..., De Marco R., Luna G.M. (2020) Major Role of surrounding environment in shaping biofilm community composition on marine plastic debris. *Frontiers in Marine Science* 7, 262
3. Celussi M., Quero G.M., Zoccarato L., Franzo A., Corinaldesi C., Rastelli E., Lo Martire M., Galand P.E., Ghiglione J.-F., Chiggiato J., Coluccelli A., Russo A., Pallavicini A., Fonda Umani S., Del Negro P., Luna G.M. (2018) Planktonic prokaryote and protist communities in a submarine canyon system in the Ligurian Sea (NW Mediterranean). *Progress in Oceanography* 168: 210–221
4. Lara E., Vaqué D., Laia Sa E., Boras J.A., Gomes A., Borrull E., Díez-Vives C., Teira E., Pernice M.C., Garcia F.C, Forn I., Castillo Y.M., Peiró A., Salazar G., Morán X.A.G., Massana R., Catalá T.S., Luna G.M., Agustí S., Estrada M., Gasol J.M., Duarte C.M. (2017) Unveiling the role and life strategies of viruses from the surface to the dark ocean. *Science Advances* 3: e1602565
5. Quero G.M., Perini L., Pesole G., Manzari C., Lionetti C., Bastianini M., ... and Luna, G.M. (2017) Seasonal rather than spatial variability drives planktonic and benthic bacterial diversity in a microtidal lagoon and the adjacent open sea. *Molecular Ecology* 26, 5961-5973
6. Quero G.M., Cassin D., Botter M., Perini L., Luna G.M. (2015) Patterns of benthic bacterial diversity in coastal areas contaminated by heavy metals, polycyclic aromatic hydrocarbons (PAHs) and polychlorinated biphenyls (PCBs). *Frontiers in Microbiology* 6, 1053
7. Luna G.M., Chiggiato J., Quero G.M., Schroeder K., Bongiorno L., Kalenitchenko D., Galand P.E. (2016) Dense water plumes modulate richness and productivity of deep sea microbes. *Environmental Microbiology* 18: 4537–4548
8. Perini L., Quero G.M., García E.S., Luna G.M. (2015) Distribution of *Escherichia coli* in a coastal lagoon (Venice, Italy): temporal patterns, genetic diversity and the role of tidal forcing. *Water Research* 87, 155–165
9. Luna G.M., Corinaldesi C., Rastelli E., Danovaro R. (2013) Patterns and drivers of bacterial α - and β -diversity across vertical profiles from surface to subsurface sediments. *Environmental Microbiology Reports* 5: 731–739
10. Di Camillo C.G., Luna G.M., Bo M., Giordano G., Corinaldesi C., Bavestrello G. (2012) Biodiversity of prokaryotic communities associated with the ectoderm of Ectopleura crocea (Cnidaria, Hydrozoa). *PLoS One* 7(6), e39926

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

Ancona, 19.04.2022

Signature