

PERSONAL INFORMATION

Marco Basili

✉ m.basili.19.02@gmail.com

ROLE

FishMed-PhD student at Università di Bologna

Professional Experience

3/2020 - 10/2021

Research Fellow (“Assegno di Ricerca”)

presso IRBIM CNR (Ancona, Italy), Microbial Ecology Laboratory

Scientific Supervisor: Dr. Grazia Marina Quero

Research topic “Studio del microbioma di orate selvatiche ed allevate in impianti di acquacoltura” (“Study of wild and farmed seabream microbiome”) within the H2020 project “CIRCLES – Controlling mIcRobiomes CircuLations for bETter food Systems”

10/2019 - 03/2020

Campus World International internship

presso University of Tennessee (USA) - Department of Microbiology

Supervisor: Dr. Karen Lloyd

5/2017 - 7/2017

National Observer of Tuna fishing

presso Oceanis Srl

con ruolo di: National observer on board of a fishing tugboat for Atlantic bluefin tuna fishing activities in the Southern Mediterranean Sea (Italy and Malta).

EDUCATION

2021 - today

PhD in “Microbiome: fish health, food safety and environmental sustainability”

presso Università di Bologna, svolto presso CNR - IRBIM

2016 - 2019

Master degree in Marine Biology (LM-06)

presso Università Politecnica delle Marche (Italy) (108/110)

Thesis title: “Microbial life on marine plastic debris: diversity patterns and degradation potential”

2013-2016

Bachelor’s degree in Biological Sciences

presso Università Politecnica delle Marche (Italy) (94/110)

Thesis title “Evolution and importance of diadromous migrations”

RESEARCH PROJECTS

2020-ongoing

CIRCLES - CONTROLLING MICROBIOMES CIRCULATIONS FOR BETTER FOOD SYSTEMS

Project funded by the European Union’s Horizon 2020 research and innovation G.A.no. 818290

2020-ongoing

SNAPSHOT SYNOPTIC ASSESSMENT OF HUMAN PRESSURES ON KEY MEDITERRANEAN HOT SPOTS – Project funded by Dipartimento di Scienze del Sistema Terra e Tecnologie per l’Ambiente (CNR DSSTTA)

SCIENTIFIC PUBLICATIONS and POSTER

2020 - 2021

Basili M. (2020)

“An hidden community, or: how microbiome can affect the gilthead sea bream development, health, safety and food quality”.

IRBIM DAY. 10th December 2020 (online IRBIM-CNR event).

Basili, M., Quero, G.M., Giovannelli, D., Manini, E., Vignaroli, C., Avio, C.G., De Marco, R. and Luna, G.M., 2020. Major role of surrounding environment in shaping biofilm community composition on marine plastic debris. *Frontiers in Marine Science*, 7, p.262.

<https://doi.org/10.3389/fmars.2020.00262> (IF 3.661, Q1 Scimago)

Fullerton, K.M., Schrenk, M.O., Yücel, M., Manini, E., **Basili, M.**, [...], Karen G. Lloyd, 2021. Effect of tectonic processes on biosphere–geosphere feedbacks across a convergent margin. *Nature Geoscience*. <https://doi.org/10.1038/s41561-021-00725-0> (IF 13.566, Q1 Scimago)

M Basili, A Campanelli, E Frapiccini, GM Luna, 2021. Occurrence and distribution of microbial pollutants in coastal areas of the Adriatic Sea influenced by river discharge - *Environmental Pollution*, 2021

A Cordone, G D'Errico, M Magliulo, F Bolinesi, M Selci, **M Basili**, [...] Olga Mangoni, 2021. Bacterioplankton Diversity and Distribution in Relation to Phytoplankton Community Structure in the Ross Sea surface waters - *bioRxiv*, 2021

Basili et al., 2021 (Submitted for publication to *Science of the Total Environment*)
A mosaic of microbial pollutants surrounds the city of Venice.