

PERSONAL INFORMATION

Paolo Albicini

WORK EXPERIENCE

- 11/2023 – today (Genova, Italia): PhD student at DISTAV, Università degli studi di Genova. The PhD fellowship research is on the NOVAFOODIES project; The aim of the project is to set an experimental IMTA system in offshore conditions. Particularly, in collaboration with AquaDeMà, we are implementing the pre-existing monoculture layout (*Sparus aurata* and *Dicentrarchus labrax*) with two more species: *Ostrea edulis* and *Ericaria amentacea*.
- 01/2023 – 10/2023 (Genova, Italia): Research Fellowship in the “ATLANTE DEL MARE” project at Università degli studi di Genova. The aim of the project is to evaluate the feasibility of introducing new offshore aquaculture systems in the Ligurian sea. The work consists of 4 parts: investigate aquaculture technologies on the actual market and companies in the Mediterranean Sea, develop a functional model for AZA in the eastern Ligurian sea, zonate and study the Savonese area and in the end, make an awareness campaign for the big public.
- 06/2022 – 11/2022 (Genova, Italia): Employed by Prevention Suite. Performing complete checkup (blood check, glycemia, triglycerides, cholesterol, etc).
- 01/2022 – 08/2022 (Genova, Italia): Tutoring in Biology, Mathematics and Chemistry for high school and university students.
- 01/2016 – 09/2016 (London, United Kingdom): Sous-chef at Carluccio's.

EDUCATION AND TRAINING

- 10/2019 – 03/2022 (Genova, Italia): Master's degree in Marine Biology and Ecology at Università degli studi di Genova with the thesis title: “*Controlled reproduction techniques for the gastropod mollusc Patella ferruginea*”. Vote: 110/110 cum laude
- 09/2020 – 12/2021 (Genova, Italia): Curricular internship at Università degli studi di Genova. *Patella ferruginea* adult specimens' maintenance with tank management and relative parameters analysis (O₂ dissolved, temperature, pH; PSU). Laboratory activities such as biopsy for sex determination and dissection of death adults. Use of different stimulation

treatment (thermal shock, bubbling, hormonal stimulation). Reproduction activities (from dissection and from spontaneous emission), larval growth, larval settlement, and juveniles' growth.

- 10/2016 – 10/2019 (Genova, Italia): Bachelor's degree in Biology at Università degli studi di Genova with the thesis title: Amelioration effects of different species of marine macroalgae: *Cystoseira amentacea* case study.
- 10/2018 – 09/2019 (Genova, Italia): Curricular internship at Università degli studi di Genova. Environmental factors analysis (hydrodynamics, light, temperature, and biodiversity) in different macroalgal dominated communities. Different sampling activities in the intertidal area with Hobos (light and temperature data logger) and visual quadrats.
- 09/2010 – 07/2015 (Genova, Italia): High school Scientific Diploma at "Leonardo Da Vinci"

PERSONAL SKILLS AND COMPETENCES

- Good experience in laboratory activities; for instance, benthic samples analysis in the "Atlante del mare" project activities for the characterization of the AMBI index.
- Good knowledge of aquaculture and reproduction techniques of different marine invertebrates (also endangered species): *Patella rustica*, *P. ferruginea*, *Atrina fragilis* and *Pinna nobilis*.
- Good experience in aquaculture techniques of macro- and micro-algal species.
- Participation to field activities:
 - Good practice using different working tools
 - Sampling both marine invertebrates and algal species
- Maintenance and aquaculture of different macro- and microalgal species

PARTICIPATION IN RESEARCH PROJECTS

- "ROC-POP Life" project activities; culture process and implantation of juveniles (*Ericaria amentacea*) in the natural environment (Cinque Terre MPA).
- "ReLife" project that aimed at reproducing and reintroduce *Patella ferruginea* in the Ligurian Marine Protected Areas.
- "Life Pinna" project that aims to protect and monitor *Pinna nobilis* survived populations and restore it in their reference habitats.

- **“REEFOREST LIFE”** project that aims to reverse the degradation of the endangered *Cystoseira* habitat by implementing active restoration and setting up monitoring plans in 4 MPA’s (Italy: Sinis Peninsula, Cilento National Park, **Bergeggi Island**; Greece: Gyros island).
- **NOVAFOODIES** project; the aims are the implementation of 7 aquaculture plants around the world with IMTA systems, with production of biomass for manufacturing functional feed and food for human consumption.

DISSEMINATION

Poster

- 52° CONGRESSO SOCIETÀ ITALIANA DI BIOLOGIA MARINA 12-15 June (Messina, Italy) “Needs and compromises: offshore aquaculture” P. Albicini, P. Povero, G. Dapuzeto, M. Feletti, M. Chiantore.
- 52° CONGRESSO SOCIETÀ ITALIANA DI BIOLOGIA MARINA 12-15 June (Messina, Italy) “Selezione di siti idonei per l’itticoltura *offshore* in Mar Ligure” G. Dapuzeto, M. Chiantore, M. Feletti, P. Albicini, S. Lottici, A. Dagnino, L. Martella, F. Massa, A. Novellino, P. Povero.

Laboratory

- THE OCEAN RACE (June 2023) – a laboratory to present some of the Ecology lab’s activities and raise awareness on the importance of coastal marine ecosystems.

REPORTS AND PUBLICATIONS

- Work in progress - CONFERENCE PAPER “Needs and Compromises: Offshore aquaculture” P. Albicini, P. Povero, G. Dapuzeto, M. Feletti, M. Chiantore. *Biologia Marina Mediterranea* (ISSN1123-4245).

ADDITIONAL INFORMATION

Languages

- Italian (mother tongue)
- English:
 - Oral expression B2
 - Writing B2
 - Comprehension (listening and reading) B2

Licenses and patents

- Driving license B and A2

IT skills

- Microsoft Office and Windows operative system
- Basic knowledge of photoshop and R statistics software.

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 and application for recruiting purposes.

Date 3/06/2024

Firma