



Lucrezia Leotta

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ABOUT ME

Ph.D. student in Environmental and Evolutionary Biology, I graduated in Ecobiology with a specialization in marine biology, coupled with a strong inclination towards zoological and molecular research. My academic and professional background has allowed me to cultivate excellent organizational and planning skills, complemented by multitasking abilities and a strong team-oriented approach. My profound passion for the marine world extends beyond the academic realm, as evidenced by my involvement as a certified scuba diver. This firsthand experience in the underwater environment further fuels my dedication to understanding and conserving marine ecosystems.

WORK EXPERIENCE

Ph.D. Student

Sapienza University of Rome [01/11/2023 – Current]

City: Rome (RM)

Country: Italy

I am currently pursuing my Ph.D. in Environmental and Evolutionary Biology at the Charles Darwin Department of Biology and Biotechnology in Sapienza University. As a member of the research team, I hold a position of responsibility as one of the molecular systematics' laboratory managers.

Throughout my doctoral studies, I am and will be actively engaged in both molecular laboratory work and bioinformatic analysis of the data generated. My primary focus involves working with gastropod mollusks, employing advanced molecular techniques to explore their evolutionary biology. This multifaceted role allows me to seamlessly integrate wet lab experimentation with computational analyses, contributing to a comprehensive understanding of the molecular aspects of gastropod biology.

Expert on tour

Kel 12 [15/05/2023 – 15/09/2023]

City: Naples (NA) and Salerno (SA)

Country: Italy

I lived and worked on a sailing boat, guiding tourists through the Gulf of Naples and the Amalfi Coast. During this time, I honed valuable skills in sailing boat management, gained foundational knowledge of navigation, and developed practical expertise in onboard maneuvers. In my capacity, I organized and led snorkeling excursions while simultaneously spearheading a citizen science project in collaboration with Alma Mater Studiorum University of Bologna. The project focused on monitoring the flora and fauna of the Mediterranean Sea.

School and University Tutor

Skuela.net [01/2022 – 11/2023]

City: Rome (RM) and Online

Country: Italy

Providing individual tutoring sessions in the fields of biology and chemistry to high school and university students, with a specific emphasis on genetics, cellular biology, botany, and biochemistry



After school teacher

Centro Athena [09/2018 – 05/2023]

City: Albano Laziale (RM)

Country: Italy

I provided homework assistance in the logical-scientific area, offering support to elementary, middle, and high school students simultaneously. I also offered private tutoring sessions for high school students.

EDUCATION AND TRAINING

Master's Degree in Ecobiology

Sapienza University of Rome [01/10/2020 – 21/10/2022]

City: Rome

Country: Italy

Field(s) of study: Biology and Marine Ecology

Final grade: Cum Laude

Thesis: Molecular phylogeny of a family of coral-feeding gastropods (Gastropoda, Ovulidae).

Bachelor's Degree in Biological Sciences

Sapienza University of Rome [01/10/2017 – 22/10/2020]

City: Rome

Country: Italy

Field(s) of study: Zoology

Thesis: Defense adaptations in nudibranchs: from colorations to toxin release

LANGUAGE SKILLS

Mother tongue(s): **Italian**

Other language(s):

English

LISTENING C2 READING C2 WRITING C1

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

French

LISTENING A2 READING A2 WRITING A2

SPOKEN PRODUCTION A1 SPOKEN INTERACTION A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Productivity Software

Microsoft Office / Google suite (Gmail Google, Drive Google, slide Google, Docs Google, sheet Google, Forms Google)

Bioinformatics

Proficient with software for evolutionary analyses (IqTree, MrBayes, BEAST, Tracer, FigTree) / Geneious software

Remote sensing

QGIS / SNAP

Statistics

R/Rstudio (Basic)

Photo processing

Photo Processing Programs (Adobe Photoshop, Snapseed, Canva)



Social Networks

Social Media (Facebook, Instagram, WhatsApp, Viber, TikTok, Snapchat, YouTube)

PUBLICATIONS

A molecular approach to the phylogeny and trophic specialization in Ovulidae (Gastropoda: Cypraeoidea)

[2022]

E Nocella, SS Zvonareva, G Fassio, L Leotta, S Schiaparelli, MV Modica, M Oliverio (2022)

1st prize winning poster in the World Congress of Malacology, Munich 2022.

VOLUNTEERING

Science communicator

[Aprilia (LT), 01/2023 – Current]

Marine biology conferences dedicated to the training of scuba divers and aspiring ones.

AVIS

[Aprilia (LT), 2015 – Current]

Volunteering at the municipal branch of AVIS in Aprilia, I was involved in promoting the values of blood donation and solidarity. This included organizing, planning, and managing blood donation throughout the entire COVID-19 pandemic period. Since 2021, I have also been a member of the board of directors.

DIVING LICENCES

PSS Dry Suite Diver

[2023]

PSS Nitrox Diver

[2021]

PADI Rescue Diver

[2019]

PADI Advanced Open Water Diver

[2018]

PADI Open Water Diver

[2016]

I authorize the processing of my personal data in accordance with Legislative Decree 196 of June 30, 2003, and Article 13 of the GDPR (General Data Protection Regulation)

Rome (RM), 13/02/2024