

## **CURRICULUM VITAE**

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Last update: 16/09/2025



## **Luca Bolognini**

Coral Ecology & Biology Lab

Marine Science Group

Department of Biological, Geological and Environmental Sciences

Alma Mater Studiorum – University of Bologna

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## Education

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- **Dates (from – to):** 20.09.2021 - 19.04.2024
- **Name and type of educational institution or training:** University of Bologna
- **Main subjects/skills studied:** Nutrition Sciences
- **Qualification obtained:** Master's Degree
- **Level in national classification:** 106/110
  
- **Dates (from – to):** 23.11.2017 - 19.04.2021
- **Name and type of educational institution or training:** University of Bologna
- **Main subjects/skills studied:** Biotechnology
- **Qualification obtained:** Bachelor's Degree
- **Level in national classification:** 101/110

## Areas of scientific interests

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Marine Biology, Plant Biotechnology, Nutraceuticals

## Academic professional experience

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- **Dates (from – to):** 21/03/2023 - 15/07/2023
- **Name and address of employer:** ALMA MATER STUDIORUM - UNIVERSITY OF BOLOGNA, Via Zamboni 33
- **Type of company or sector:** Research
- **Type of employment:** Curricular Internship
- **Main duties and responsibilities:**  
Validation of the effect of nutraceutical phytochemicals in the field of neurodegeneration prevention
  
- **Dates (from – to):** 13/10/2020 - 11/12/2020
- **Name and address of employer:** ALMA MATER STUDIORUM - UNIVERSITY OF BOLOGNA, Via Zamboni 33
- **Type of company or sector:** Research
- **Type of employment:** Curricular Internship
- **Main duties and responsibilities:**  
GWAS analysis for morphofunctional traits of *Aegilops tauschii*

## Other professional experience

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Student Representative for the Biodiversity and Evolution course (2025 – present)

## Referee and editorial activity

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## Prizes

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1st place in the first-level competition of the 29th Italian Physics Olympiad.

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## Other qualifications

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PADI open water diving certification  
Category B driving licence

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## Membership in professional societies

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## Participation to research projects

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## Supervision of students

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## Scientific seminars

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## Active participation in scientific meetings

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ABSTRACTS

IN EXTENSO CONGRESS PROCEEDINGS

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## Book chapters

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## Articles in peer review / impact factor journals

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1. Luca Bolognini. Potential Modulation of Phytochemical Bioavailability by Furanocoumarins from *Citrus × paradisi*. Nutr Cur 2024; 04: e159 – DOI: 10.57625/nec.2025.79

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## Languages

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Mother tongue: Italian

Other Languages: English (B2), French (A2), Chinese (A1)

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## Social and organizational skills and competences

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I have strong organizational and time management skills, which allow me to manage projects and tasks efficiently. I work well in team settings, have a solid critical mindset, and take a proactive approach to problem-solving. I approach every task with precision and attention to detail, and I consider empathy and curiosity to be among my most distinctive personal qualities.

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## Technical skills and competences

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- Proficient in computer use and software such as Microsoft Excel; basic knowledge of Python programming.
- Good command of R.
- Solid understanding of statistical models, including ANOVA.
- Skilled in the use of laboratory equipment in the biological sciences.
- Significant experience in plant phenotypic analysis and GWAS.
- Experience in treating cell lines with phytochemicals and essential oils, including assessment of cell viability, protein expression and oxidative stress.
- Ability to formulate dietary plans for both humans and animals.

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### **Artistic skills and competences**

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Good drawing ability, with strong creativity and imagination. In the past, I have been involved in acting and took part in several theatrical performances. I also have a basic knowledge of piano playing.