



VENERE BANELLA

Biotechnologist

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EDUCATION

PhD student in Genetics, Molecular and Cellular Biology
University of Pavia
2023- on going

Master degree in Agro-Food biotechnology
University of Verona
2020 - 2023

Bachelor degree in Biotechnology
University of Siena
2016 - 2020

SKILLS

- Experimental Design
- Data Analysis
- Scientific Writing
- Research Project Management
- Problem Solving
- Adaptive Thinking
- Growth Mindset
- Teamwork
- Time Management
- Critical Thinking

LANGUAGE

- Italian
- English

PROFILE

Date and place of birth: 23/02/1997 Grosseto (IT).

Graduated in agro-food biotechnology (LM-7), I pursued my research career becoming a PhD student passionate about the use of microalgae to develop sustainable solutions for wastewater.

PROFESSIONAL EXPERIENCE

Laboratory internship in the Department of Biotechnology; University of Verona 2021 - 2023

Expertise in molecular biology and biochemical techniques; use of biological laboratory equipment in order to generate transplastomic microalgal strains (particle gun). Competence in preparing solutions, culture media and working in sterility.

Laboratory internship abroad (Erasmus+ Traineeship) in the Center for Biotechnology (CeBiTec), Bielefeld University (BI) (Germany) 2022

Employment of biological laboratory equipment, specifically for generating transgenic microalgal strains (nuclear transformation) and use of fluorescence microscope (both in solid and liquid).

Laboratory internship in the Department of Physical, Earth and Environmental Sciences; University of Siena 2019 - 2020

Experience in greenhouse work, sampling and monitoring of vital parameters in the plant. Expertise the use of the spectrophotometer in order to perform colorimetric assays.