



Eleonore Cinti

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CONTACT

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WORK EXPERIENCE

24/02/2024 – CURRENT Nancy, France

PhD visiting INRAE Grand-Est-Nancy

As part of my PhD project, I conducted gas-exchange measurements and nitric oxide analysis in various plant species. This research, which involved a research stay in Nancy, France, allowed me to deepen my expertise in plant physiology and contribute to the broader objectives of my PhD studies.

01/11/2022 – CURRENT Perugia, Italy

PhD Student in Agricultural, Food, and Environmental Science and Biotechnology University of Perugia- Department of Agricultural, Environmental and Food Sciences.

I am currently involved in a project titled "*The Biochemical and Diffusive Optimization of Photosynthesis: Evolutionary Implications for the Development of Climate-Resilient Productive Plants (EvoPlant)*", where my primary focus is analyzing plant anatomy using transmission and scanning electron microscopy. Additionally, I contribute to various projects related to plant morphology, anatomy, and genetics.

01/08/2021 – 31/07/2022 Ancona, Italy

Research fellow Marche Polytechnic University - Department of Agricultural, Food and Environmental Sciences

During my research fellowship at the University of Ancona, I focused on genomic analyses and the study of population dynamics of legume species across the Americas. This work involved investigating genetic diversity, evolutionary patterns, and adaptation strategies of legumes in various ecological contexts.

16/07/2020 – 20/12/2020 Gent, Belgium

Trainee Institute for Agricultural and Fisheries Research (ILVO)

During my post-graduate Erasmus fellowship, which lasted several months, I focused on conducting Genome-Wide Association Studies (GWAS) to uncover the genetic control of key agronomic traits in soybean. This research aimed to identify genetic variations associated with important traits, contributing to the advancement of soybean breeding programs.

31/10/2019 – 01/12/2019 Perugia, Italy

Molecular biology laboratory trainee Genetics Research Unit, Department of Agricultural, Food and Environmental Sciences

Academic internship focused on the genotyping of saffron (*Crocus sativus*) varieties.

30/09/2017 – 14/12/2017 Perugia, Italy

Trainee in molecular biology laboratory. IBBR, CNR

The academic internship mainly concerned the "genotyping" of olive cultivars, from DNA extraction to genomic sequencing and analysis of the results.

EDUCATION AND TRAINING

27/02/2018 – 25/05/2020 Perugia, Italy

Master in Agricultural and Environmental Biotechnology University of Perugia, Department of Agricultural, Food and Environmental Sciences

Main topics / skills acquired:

- Knowledge of biology applied to biotechnology
- Knowledge of microbial biotechnology for agro-industry and the environment
- Knowledge regarding the evolution and conservation of biodiversity, biometric genetics and molecular biology techniques
- Knowledge of plant and animal genetic biotechnology
- Knowledge of agricultural chemistry and biotechnology applied to tree and herbaceous crops
- Advanced knowledge of entomo-pathological biotechnology

Final grade 110 and praise | **Level in EQF** EQF level 7 | **Thesis** Graft-induced methylation changes in *Malus domestica* Borkh.

14/09/2014 – 20/02/2018 Perugia, Italy

Bachelor in Agricultural and Environmental Sciences University of Perugia, Department of Agricultural, Food and Environmental Sciences

Main subjects / professional skills acquired:

- Knowledge oriented to the applicative aspects of mathematics, statistics and physics
- Knowledge in general, inorganic and organic chemistry
- Knowledge in plant biology, botany and plant physiology
- Knowledge in microbiology
- Knowledge in agricultural chemistry
- Knowledge in agricultural genetics and genetic improvement of plants
- Knowledge of the defense of vegetable production
- Zootechnical knowledge
- Knowledge of biochemistry and molecular biology

Level in EQF EQF level 6

OTHER TRAINING COURSES

20/05/2022 – 13/10/2022

Teacher training course

Certification of the acquisition of the **24 CFUs for teaching** in the upper secondary school as per DM.616/2017 and the **12 CFUs in geology** for the qualification for the **class A050** (Natural, chemical and biological sciences).

CONFERENCES AND SEMINARS

11/09/2024 – 13/09/2024 Teramo

119° Congresso della Società Botanica Italiana (IX INTERNAZIONALE PLANT SCIENCE CONFERENCE (IPSC))

Poster entitled: "*Effect of [CO₂] on leaf stomatal distribution and gas exchange: A case study of Triticum turgidum subsp. durum*"

21/07/2024 – 27/07/2024 Madrid

XX INTERNATIONAL BOTANICAL CONGRESS (XX IBC)

Poster entitled: "Study of stomata and mesophyll traits on plant adaptation to increased CO₂"

11/10/2023 – 13/10/2023 Trieste

First International Association for Biomonitoring of Environmental Pollution conference (IABEP)

Short communication entitled "*The evolutionary importance of stomata and mesophyll traits on adaptation to climate changes*".

13/09/2023 – 16/09/2023 Pisa

118° Congresso della Società Botanica Italiana (IX INTERNAZIONALE PLANT SCIENCE CONFERENCE (IPSC))

Poster entitled "*Stomatal and mesophyll limitations to photosynthesis in contrasting Triticum varieties*".

21/06/2023 – 23/06/2023 Ancona

Annual meeting of the cellular and molecular biology and biotechnology and differentiation groups

Oral communication entitled "*The evolutionary importance of stomata and mesophyll traits on adaptation to climate changes*".

LANGUAGE SKILLS

MOTHER TONGUE(S): Italian

Other language(s):

English

Listening C1

Spoken production B2

Reading C1

Spoken interaction B2

Writing B2

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