



Eleonore Cinti

WORK EXPERIENCE

University of Perugia- Department of Agricultural, Environmental and Food Sciences.

City: Perugia | **Country:** Italy

[12/11/2025 – 11/01/2026]

Research Collaborator

Optical and Electron Microscopy Study of Leaf Histo-Anatomical Traits Related to Photosynthetic Efficiency

University of Perugia- Department of Agricultural, Environmental and Food Sciences.

City: Perugia | **Country:** Italy

[01/11/2022 – Current]

PhD Student in Agricultural, Food, and Environmental Science and Biotechnology

My PhD research was carried out within the project “The Biochemical and Diffusive Optimization of Photosynthesis: Evolutionary Implications for the Development of Climate-Resilient Productive Plants (EvoPlant)”. My work focused on the analysis of plant physiology and anatomy, including leaf gas exchange measurements and structural investigations using transmission and scanning electron microscopy. In parallel, I was involved in several interdisciplinary projects on plant morphology, anatomy, and genetics, further strengthening my expertise in plant structural and functional biology.

The PhD thesis has been submitted and is currently awaiting defense.

INRAE Grand-Est-Nancy

City: Nancy | **Country:** France

[24/02/2024 – 20/10/2024]

PhD visiting

As part of my PhD research, I conducted gas-exchange measurements across multiple plant species to investigate physiological responses under varying environmental conditions. This work was carried out during a research stay in Nancy, France, which provided a valuable opportunity to deepen my expertise in plant physiology and strengthen international scientific collaboration. The experience significantly contributed to the advancement of my Ph.D objectives and broadened the scope of my research competencies.

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

City: Ancona | **Country:** Italy

[01/08/2021 – 31/07/2022]

Research fellow

During my research fellowship at the University of Ancona, I focused on genomic analyses and the population dynamics of legume species across the Americas. My work involved examining genetic diversity, evolutionary trajectories, and adaptation strategies within

diverse ecological contexts, contributing to a deeper understanding of legume evolution and resilience.

Institute for Agricultural and Fisheries Research (ILVO)

City: Gent | **Country:** Belgium

[16/07/2020 – 20/12/2020] **Trainee**

As part of a multi-month post-graduate Erasmus fellowship, I specialized in conducting Genome-Wide Association Studies (GWAS) to investigate the genetic basis of key agronomic traits in soybean. The aim of this research was to identify genetic variants linked to important phenotypic traits, thereby supporting the development of more efficient and targeted soybean breeding strategies.

Genetics Research Unit, Department of Agricultural, Food and Environmental Sciences

City: Perugia | **Country:** Italy

[31/10/2019 – 01/12/2019] **Molecular biology laboratory trainee**

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

IBBR, CNR

City: Perugia | **Country:** Italy

[30/09/2017 – 14/12/2017] **Trainee in molecular biology laboratory.**

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] **Master in Agricultural and Environmental Biotechnology**

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

City: Perugia | **Country:** Italy | | **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] **Bachelor in Agricultural and Environmental Sciences**

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

City: Perugia | **Country:** Italy | | **Level in EQF:** EQF level 6

LANGUAGE SKILLS

Mother tongue(s): Italian

Other language(s):

English

LISTENING C1 **READING** C1 **WRITING** B2

SPOKEN PRODUCTION B2 **SPOKEN INTERACTION** B2

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

CONFERENCES AND SEM-
INARS

- [03/09/2025 – 06/09/2025]

120° Congresso della Società Botanica Italiana (IX INTERNAZIONALE PLANT SCIENCE CONFERENCE (IPSC))

Gorizia (Italy)

Poster entitled: "Physiological Responses of Trees to Combined Drought and Heat Stress: Pressure-Volume Traits and Photosynthetic Performance"
- [11/06/2025 – 13/06/2025]

International meeting "From plant morphology to sustainability"

Bari

Oral communication entitled "*Adaptive Responses of Triticum dicoccoides and Triticum durum to Natural CO₂ Enrichment: A leaf anatomical and Physiological perspective*"
- [11/09/2024 – 13/09/2024]

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

Teramo

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]

XX INTERNATIONAL BOTANICAL CONGRESS (XX IBC)

Madrid

Poster entitled:" Study of stomata and mesophyll traits on plant adaptation to increased CO₂"
- [11/10/2023 – 13/10/2023]

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

Trieste

Short communication entitled "*The evolutionary importance of stomata and mesophyll traits on adaptation to climate changes*".
- [13/09/2023 – 16/09/2023]

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

Pisa

Poster entitled "*Stomatal and mesophyll limitations to photosynthesis in contrasting Triticum varieties*".
- [21/06/2023 – 23/06/2023]

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

Ancona

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

HONOURS AND AWARDS

- [15/09/2023]

"Best Poster Award" entitled "Stomatal and mesophyll limitations to photosynthesis in contrasting Triticum varieties"

Awarding institution: Italian Botanical Society

PUBLICATIONS

- [2025]

[**The effect of plant density and fertilization regime on primary and secondary hemp fibers**](#)

Reference: Cerri, M.,Orlandi F., Amitrano C., Cinti, E, Fornaciari M., De Micco V. & Reale L. (2025). The effect of plant density and fertilization regime on primary and secondary hemp fibers. Plant Biosystems.

Authors: Martina Cerri, Fabio Orlandi, Chiara Amitrano, Eleonore Cinti, Marco Fornaciari, Veronica De Micco & Lara Reale | **Journal Name:** Plant Biosystems – An International Journal Dealing with all Aspects of Plant Biology

[2025] [**A Multifaceted Approach to Optimizing Processed Tomato Production: Investigating the Combined Effects of Biostimulants and Reduced Nitrogen Fertilization**](#)

Reference: Farneselli M, Reale L, Falcinelli B, Akram MZ, Cimorelli S, Cinti E,... et al. (2025). A Multifaceted Approach to Optimizing Processed Tomato Production: Investigating the Combined Effects of Biostimulants and Reduced Nitrogen Fertilization.

Authors: Farneselli M, Reale L, Falcinelli B, Akram MZ, Cimorelli S, Cinti E, Paglialunga M, Carbone F, Pannacci E, Tei F. A | **Journal Name:** Horticulturae. | **Volume, Issue and Pages:** 11(8):931

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).

ACADEMIC TUTORING AND TEACHING

[21/10/2024 – 28/06/2025]

Tutor in Biology

Tutoring activities for first-year students enrolled in the degree programs in Agricultural, Food and Environmental Sciences and in Food Economics in the University of Perugia. The role involves supporting students in learning biology, explaining theoretical content, and providing methodological guidance for effective study.

DICHIARAZIONE SOSTITUTIVA DI CERTIFICAZIONE (art. 46 e 47 D.P.R. 445/2000) La sottoscritta Eleonore Cinti, ai sensi e per gli effetti degli articoli 46 e 47 e consapevole delle sanzioni penali previste dall'articolo 76 del D.P.R. 28 dicembre 2000, n. 445 nelle ipotesi di falsità in atti e dichiarazioni mendaci, dichiara che le informazioni riportate nel presente curriculum vitae, redatto in formato europeo, corrispondono a verità.

Perugia, 06/12/2025



Eleonore Cinti