



# Eleonore Cinti

## WORK EXPERIENCE

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

**City:** Perugia | **Country:** Italy

[ 03/02/2026 – 03/05/2026 ] **Research Collaborator**

Analysis of native plant species for habitat restoration; treatment, conservation, and propagation.

***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 – 08/04/2026 ] **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**

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[ 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**

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**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*

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**CONFERENCES AND SEMINARS**

- [ 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 CO<sub>2</sub> 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 [CO<sub>2</sub>] 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 CO<sub>2</sub>"
- [ 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

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[ 15/09/2023 ]

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

**Awarding institution:** Italian Botanical Society

## PUBLICATIONS

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[ 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:** PlantBiosystems – 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, Cimarelli 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, Cimarelli S, Cinti E, Paglialonga M, Carbone F, Pannacci E, Tei F. A | **Journal Name:** Horticulturae. | **Volume, Issue and Pages:** 11(8):931

## OTHER TRAINING COURSES

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[ 14/03/2026 – Current ]

**Initial teacher training and qualification course – 60 CFUs**

Certification of the acquisition of the 24 CFUs for teaching in upper secondary school pursuant to Ministerial Decree DM 616/2017, and 12 CFUs in Geology required for qualification in teaching class A050 (Natural, Chemical and Biological Sciences)

[ 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

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[ 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.

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*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.*

*Eleonore Cinti*

Perugia, 14/05/2026

Eleonore Cinti