



Curriculum Vitae Europass



Personal information

Name: Ivan Ansaloni
E-mail: ivan.ansaloni2@unibo.it
Gender: Male
Date of birth: October 9, 1999
Nationality: Italian

Desired occupation/Professional sector

Strong interest in monitoring and experimental activities in the agricultural sector, with a particular focus on innovation and sustainability. Main areas of interest include biochemistry, tree physiology and ecology and biotechnologies applied to breeding.

Professional experience

PhD
Department of Agri-Food Science and
Technology (DISTAL)
University of Bologna (Alma Mater Studiorum
Unibo)
Viale Giuseppe Fanin, 40-50 40127 Bologna
(BO) - Italy

01/11/2025 – still ongoing:

PhD research proposal: Optimizing orchard management using innovative rootstocks and training systems.
PhD topic: Production systems, forest and ornamental trees with particular reference to genetics, physiology and cultivation of fruit, woody, ornamental tree species and grape.

Scholarship
Department of Agri-Food Science and
Technology (DISTAL)
University of Bologna (Alma Mater Studiorum
Unibo)
Viale Giuseppe Fanin, 40-50 40127 Bologna
(BO) - Italy
IRTA (Institute of Agri-Food Research and
Technology)
Edifici Fruitcentre
Parc Agrobiotech Lleida - Lleida, 25003
(Lleida) - Spain
01/02/2025 – present

February 1, 2025 – April 1, 2025: Completed an international internship at IRTA (Institute of Agri-Food Research and Technology) in Lleida, Spain, working as a research fellow. Activities involved multiple species, including apple, peach, nectarine, pear, and almond.

- **Pear:** Breeding activities, pollen collection and sieving, manual emasculating, selection of parental lines for crosses, and controlled cross-breeding.
- **Apple:** Participated in various field workshops on pruning different training systems, both traditional (Solaxe, Spindle) and innovative (Bibaum, Guyot, and Double Guyot). Conducted surveys on flowering return and floral cluster counts of various apple cultivars across different training systems.
- **Almond:** Conducted assessments of flower viability and fruit quality (average weight, size grading, dry and fresh weight).

Additional activities included literature review of technical-scientific articles, case studies, reviews, and meta-analyses; study and in-depth analysis of various projects within IRTA, such as agrivoltaics, varietal collections, and breeding activities.

Visited the IRTA experimental center in Girona, Catalonia, Spain, participating in both on-site and online workshops on innovations in apple cultivation, with a focus on innovative rootstocks from the Cornell Geneva® series.



Coordinated and continuous collaboration
Consorzio Fitosanitario Provinciale di Modena
Via Santi Venceslao, 14 – 41123 Modena
(MO) - Italy

Consorzio della ciliegia della susina e della
frutta tipica di Vignola
Via dell'Agricoltura, 354 - 41058 Vignola
(MO) - Italy
1/04/2023 – 1/09/2024

Workshop - Macfrut 2024
Via Emilia, 155, 47921 Rimini RN – Italy
8/05/2024 – 10/05/2024

Workshop - Macfrut 2023
Via Emilia, 155, 47921 Rimini RN – Italy
3/05/2023 – 5/05/2023

April 1, 2025 – Present: Continued research activities at the University of Bologna, specifically at the Cadriano Experimental Center (Bologna, Italy). Activities include:

- **Apple:** Orchard management techniques; physiological assessments such as shoot and fruit allometries, gas exchanges (transpiration, photosynthesis and stomatal conductance), and water relations; manual thinning of fruitlets; tying new shoots to support wires; paper writing and literature review.
- **Peach:** Orchard management techniques; physiological assessments including shoot and fruit allometries, gas exchanges (transpiration, photosynthesis and stomatal conductance), and water relations; installation of soil moisture sensors, microclimate monitoring, fruit gauges (to measure fruit diameter variations), dendrometers (to measure trunk diameter changes); paper writing and literature review.
- **Kiwifruit:** Orchard management techniques; physiological assessments such as shoot and fruit allometries, gas exchanges (transpiration, photosynthesis and stomatal conductance), and water relations; paper writing and literature review.

Collaborator | Consorzio Fitosanitario Provinciale di Modena:

Collaborated on multiple projects focused on pest management in pear and cherry orchards, specifically addressing phytophagous insects, including *Halyomorpha halys* and *Drosophila suzukii*. Key contributions include:

- Implementation of multifunctional nets (exclusion netting systems and mono-row) on cherry trees to mitigate pest damage.
- Facilitation of biological control strategies through the introduction of exotic parasitoids such as *Trissolcus japonicus* for the control of *Halyomorpha halys*.
- Support for biological control of *Drosophila suzukii* via the use of *Gonatocerus brasiliensis* parasitoids.
- Monitoring and evaluation of 'Attract and Kill' traps (mass capture) as a control method for *Halyomorpha halys*.

Collaborator | Consorzio della Ciliegia di Vignola IGP:

Contributed to both administrative and fieldwork operations associated with the management of the *Piano Nazionale di Ripresa e Resilienza (PNRR)* and the research activities at the experimental cherry orchard. Key responsibilities included:

- Overseeing fertigation control to optimize orchard productivity and resource use.
- Conducting comprehensive fruit surveys, including measurements of cracking, consistency, soluble solids content, average weight, size, and other relevant indices.
- Participating in plant surveys for a plant physiology research project, in collaboration with the University of Bologna, to study tree health and growth dynamics.

Participated in the 41st edition of Macfrut, focusing on new developments presented through workshops on Supply Chain, Grapes, Healthy foods, Spices and Aromatic herbs, Agrivoltaic systems, Biosolutions, Irrigation, Nurseries, and Indoor cultivation.

Participated in the 40th edition of Macfrut, with a focus on new developments presented through workshops, including:

1. “*International Nursery and Varietal Innovation Exhibition*”.
2. “*Pianeta Rosso*”, a new event format dedicated to stakeholders in the tomato supply chain.
3. “*Biosolutions International Event*”, focused on natural products for plant protection, nutrition, and biostimulation.



Workshop - Macfrut 2022

Via Emilia, 155, 47921 Rimini RN – Italy
4/05/2022 – 6/05/2022

Occasional collaboration

Consorzio Fitosanitario Provinciale di Modena
Via Santi Venceslao, 14 – 41123 Modena
(MO) - Italy

Consorzio della ciliegia della susina e della
frutta tipica di Vignola
Via dell'Agricoltura, 354 - 41058 Vignola
(MO) - Italy
11/04/2022 – 16/09/2022

Occasional collaboration

Consorzio Fitosanitario Provinciale di Modena
Via Santi Venceslao, 14 – 41123 Modena
(MO) - Italy
01/04/2021 – 31/10/2021

Education and training

Agricultural Sciences and Technologies
Plant Production and Biotechnology
curriculum
Alma Mater Studiorum Unibo

4. “AcquaCampus”, organized in collaboration with ANBI (National Association of Land Reclamation) and CER (Canale Emiliano-Romagnolo), dedicated to innovations in irrigation and irrigation technologies.

Participated in the 39th edition of Macfrut, focusing on new developments presented through workshops, including: ICS (International Cherry Symposium); Acqua Campus area on water-saving techniques; Biodegradable plastics used for mulching in horticulture; Smart Agriculture, dedicated to technological innovations.

Collaborator | Consorzio Fitosanitario Provinciale di Modena:

Collaborated on several projects related to the management of pear and cherry trees, focusing on various phytophagous insects, including *Halyomorpha halys* and *Drosophila suzukii*. Key activities included:

- Implementation of multifunctional nets (exclusion netting systems and mono-row) on cherry trees for pest control.
- Biological control using exotic parasitoids, such as *Trissolcus japonicus*, to manage *Halyomorpha halys*.
- Biological control using exotic parasitoids, such as *Gonatocerus brasiliensis*, to manage *Drosophila suzukii*.
- Groundwater monitoring program on pear trees through field-scale sampling with phreatimeters to detect physiopathies.
- Monitoring of 'Attract and Kill' traps (mass capture) for the control of *Halyomorpha halys*.

Collaborator | Consorzio della Ciliegia di Vignola IGP:

Contributed to both office and field operations, particularly in managing activities related to the *Piano Nazionale di Ripresa e Resilienza (PNRR)* and research at the experimental cherry orchard. Key responsibilities included:

- Overseeing fertigation control to optimize orchard productivity and resource use.
- Conducting fruit surveys, including measurements of cracking, consistency, soluble solids content, average weight, size, and other quality indices.
- Participating in plant surveys as part of a plant physiology research project in collaboration with the University of Bologna, aimed at studying plant health and growth dynamics.

Collaborated on several projects focused on the management of pear and cherry trees, particularly concerning various phytophagous insects, including *Halyomorpha halys* and *Drosophila suzukii*. Key contributions included:

- Implementation of multifunctional nets (exclusion netting systems and mono-row) on cherry trees to control pest populations.
- Biological control using exotic parasitoids, such as *Trissolcus japonicus*, to manage *Halyomorpha halys*.
- Biological control using exotic parasitoids, such as *Gonatocerus brasiliensis*, to control *Drosophila suzukii*.
- Monitoring and efficacy testing of entomopathogenic products and nematodes on pear fruitlets after fruit setting, to assess the presence and impact of secondary phytophagous insects, including *Contarinia piryvora* (Pear Gall Midge) and *Hoplocampa brevis* (Pear Sawfly).
- Groundwater monitoring program on pear trees through field-scale sampling using phreatimeters to detect and address physiopathies.

Master's Degree in Agricultural Sciences and Technologies, specializing in Plant Production and Biotechnology, obtained from the University of Bologna with a final grade of **110/110 cum laude**. Thesis in Tree Physiology and Fruit Quality entitled: "**Physiological responses to multifunctional nets in cherry.**"



Via Giuseppe Fanin 46 – 40127 Bologna (BO)
- Italy
12/09/2024

State Examination
Collegio provinciale dei periti agrari e periti
agrari laureati
Via Elisa Rainusso 144 – 41124 Modena (MO)
- Italy
22/11/2022

Agricultural Technologies
Alma Mater Studiorum Unibo
Via Giuseppe Fanin 46 – 40127 Bologna (BO)
- Italy
10/12/2021

High School Diploma: Agriculture
Istituto Superiore Lazzaro Spallanzani (High
School)
Via Solimei, 23 - 41013 Castelfranco Emilia
(MO) - Italy
02/07/2018

Personal Achievements

Successfully passed the State Examination for Agricultural Experts and Graduate Agricultural Experts with a final score of **100/100**.

Bachelor’s Degree in Agricultural Technologies obtained from the University of Bologna with a final grade of **110/110 cum laude**. Thesis in Agricultural Entomology entitled “**Impiego di reti multifunzionali monoblocco per il controllo di *Drosophila suzukii* e delle principali avversità del ciliegio.**”

Obtained the Diploma of Agricultural Expert with a final grade of **100/100**, presenting a thesis entitled “**Il Lambrusco di Sorbara DOC.**”

Awarded the "**Honors with Distinction**" certificate, accompanied by a final grade of **110/110 cum laude**, for the Master’s Degree in Agricultural Sciences and Technologies.

Personal skills and abilities

Mother tongue

Italian

Other languages

English

Comprehension		Speaking		Writing
Listening	Reading	Oral interaction	Oral production	
B2	B2	B2	B2	B2

Common European Framework of Reference for Languages

Knowledge and ability to read, write and fluently speak acquired and refined not only within the university curriculum (Level B2), but also in the workplace.

Social skills and competences

Organizational skills and abilities

I demonstrate a strong ability to independently organize my work, adhering to deadlines and efficiently managing priorities. I am capable of planning complex activities, coordinating multiple tasks simultaneously, and ensuring a high level of accuracy and reliability. I have gained experience in time and resource management, developing a proactive and results-oriented approach.

Communication skills and competences

I demonstrate extensive experience in creating and coordinating work teams, as well as in designing, organizing, and managing team-building events and group activities. I demonstrate a natural aptitude for interpersonal relationships, coupled with a strong inclination towards dialogue and constructive engagement. I have excellent communication and rhetorical skills, alongside a pronounced ability in public speaking, developed through numerous experiences in both formal and informal settings.



Computer skills and competences

I possess excellent proficiency in the Microsoft Office™ suite (Word™, Excel™, PowerPoint™), with particular expertise in document processing, data analysis, and presentation development. I have a basic knowledge of statistical analysis software, specifically R™, with experience using fundamental functions for data management and processing.

Driving licence

AM

B

Projects and Publications

Caruso, S., Casoli, L., Monari, V., Ansaloni, I., & Manfrini, L. (2024). Quali sono gli effetti positivi delle reti monoblocco su ciliegio. *L'informatore agrario*.