

**PROF. GIANNINA VIZZOTTO**  
**CURRICULUM VITAE ET STUDIORUM**

**PERSONAL INFORMATION**

- Born in Alberni (Canada), May 17, 1958
- Married with two children
- Italian citizenship
- Foreign languages: English (written and spoken), German (written and spoken)
- Email: giannina.vizzotto@uniud.it

**CURRENT POSITION**

Associate Professor of Tree Crops (Scientific Sector AGRI-03/A) at the University of Udine, Department of Agricultural, Food, Environmental and Animal Sciences.

**EDUCATION**

- **1984–1987:** PhD in Crop Productivity, specialization in Physiology: *Physiological aspects of abscission in peach* (Cycle I), University of Padua
- **1982:** Degree in Agricultural Sciences, *cum laude*, University of Padua

**POST-GRADUATE EXPERIENCE AND ACADEMIC CAREER**

- **2014:** Qualification for Full Professor (valid until 2025)
- **2001–present:** Associate Professor in Tree Crops, AGRI-03/A, Department of Agricultural, Food, Environmental and Animal Sciences, University of Udine
- **1990–2001:** Senior Scientist (G02B), Department of Plant Production and Agricultural Technologies, University of Udine
- **1987–1990:** Research Fellow, Friuli Venezia Giulia Region, Department of Plant Production and Agricultural Technologies, University of Udine
- **1986:** Gini Foundation Fellow for a research period at the University of Hamburg (Germany), Institute of General Botany, Laboratory of Prof. Böttger: *Interaction between ethylene and auxin on growth and H<sup>+</sup> extrusion in wheat coleoptiles* (April–October)

**TEACHING AT THE UNIVERSITY OF UDINE**

- **Since 2019:** *Module on Sustainable Plant Production Chains* (Bachelor's Degree in Science and Culture of Food, 4 CFU)
- **2017–2019:** *Module on Environmental Factors and Secondary Metabolism* (Master's Degree in Viticulture and Wine Markets, 4 CFU)
- **2011–2022:** *Plant Models for Biotechnology* (Bachelor's Degree in Biotechnology, 6 CFU)
- **Since 2010:** *Tree Crops* (Bachelor's Degree in Agricultural Sciences, 6 CFU)
- **2009–2011:** *General Arboriculture* (Bachelor's Degree in Biotechnology, 4 CFU)
- **Since 2009:** *Postharvest Physiology* (Bachelor's Degree in Food Science and Technology, 4 CFU)

### Summary (last 5 years):

- 470 students
- Average student evaluation score: 3.75/4.00

### ADDITIONAL TEACHING ACTIVITIES

- Representative for the University of Udine in the POT SISSA Project (2019–2021)
- Member of the Doctoral Board for the PhD in *Productivity and Plant Protection*, later merged into the PhD in *Agricultural Science and Biotechnology*
- Supervised 5 doctoral theses and approximately 30 Master's and Bachelor's theses in the past 5 years
- Coordinated the working group for the design of the Master's Degree in *Plant and Animal Biotechnology*
- Participation in scientific dissemination activities

### INSTITUTIONAL ACADEMIC ACTIVITIES

- **Since 2019:** Coordinator of the Degree Program in *Science and Culture of Food*
- **2016–2021:** Delegate for Teaching activity at the Department of Agricultural, Food, Environmental and Animal Sciences
- **2016–2021:** Member of the University of Udine's Patent Technical Commission
- **2013–2019:** Coordinator of the Degree Program in *Agricultural Sciences and Technology*

### RESEARCH ACTIVITIES

The research carried out by Prof. Vizzotto focuses on fruit tree growth and fruit quality development. Main topics include:

- Carbohydrate transport and accumulation in different fruit species (peach, kiwifruit, apple)
- Seed-fruit communication mechanisms in peach
- Absciscic acid biosynthesis and perception related to fruit quality and postharvest disorders
- Carotenoid biosynthesis and genetic determinants of peach flesh color
- Functional genomics in fruit species (peach, apple)
- Plant response mechanisms to environmental stress and adaptation to climate change (grapevine)

**Publications:** Over 100 publications in international journals, scientific books, and conference proceedings.

**Scopus Metrics (July 2025):** 43 articles, 2185 citations, h-index 21

### RESEARCH PROJECT LEADERSHIP

- **2021–2024:** Erasmus+ Project LATEST (*Local-focused AgTech Education for Successful Agricultural Transitions*)
- **2021:** *The Apple Time (TEAM)* Project, Friuli Foundation
- **2020–2022:** PSR FVG 16.1.1 *Innovation in Tradition: Silkworm Farming Revival*

- **2011–2014:** AGER Project *Apple breeding for resistance and fruit quality*

#### **EDITORIAL AND SCIENTIFIC COMMITTEE MEMBERSHIP**

- Referee for international journals (e.g., *Journal of Experimental Botany*, *Scientific Reports*, *Plant Physiology and Biochemistry*)
- Reviewer for research projects for the **National Science Foundation (USA)**
- Member of the Italian Horticultural Society, International Society of Horticultural Science, and European Plant Science Organisation