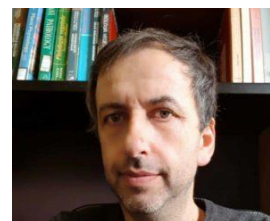


Prof. Lorenzo Camoni

Curriculum vitae et studiorum



Personal information

NAME: Lorenzo Camoni

BIRTH DATE: 17/06/1966

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Academic information

2023- Associate Professor of Plant Physiology, University of Rome "Tor Vergata"

2022- National Scientific Qualification as Full Professor

2020- National Scientific Qualification as Associate Professor

2000- Research Scientist in Plant Physiology, SSD BIO/04, University of Rome "Tor Vergata"

1998-2000- Research Fellow (EU IV Framework Programme, University of Rome "Tor Vergata"

1997- Research Fellow, Institute of Molecular Biology, University of Copenhagen, Denmark

1995-1997- Research Fellow (National Research Council, CNR), University of Rome "Tor Vergata"

1994-1995- Research Fellow, University of Rome "La Sapienza"

1994- Degree in Biology, University of Rome "La Sapienza"

Teaching activity

2001-today. Plant Biochemistry, Plant Physiology, Defense Responses in Plants, Plant Signal Transduction, Plant Functional Genomics, Photosynthesis and Environment, Plant Biochemistry and Molecular Biology, Pharmaceutical Applications of Plant Metabolites.

Scientific activity

Purification, structure determination, and biological activity of phytotoxic metabolites from the bacterium *Pseudomonas syringae*. Molecular mechanism of plant plasma membrane H⁺-ATPase regulation. Mechanism of action of the fungal toxin fusicoccin. Identification of novel fusicoccin molecular targets. Pharmacological activity of fusicoccin. Role of the Salt Tolerance-Related Protein (STRP) in the response mechanisms to biotic and abiotic stresses. Biologically active plant secondary metabolites: biochemical and functional characterization. Improvement of the nutritional value of tomato and potato by plant biostimulants. Molecular mechanism of action of plant biostimulants.

Visiting Scientists and fellowships

- Visiting Scientist from 1st April to 31st July 2019 at the Food Quality and Design Laboratory, Department of Agrotechnology of the University of Wageningen. The research activity was funded by the University of Wageningen as part of the project entitled "Production of Low-Glycemic Index potato plants by hydroponic cultures with cell wall-modifying treatments".

-Short-term fellowship funded by the European Union as part of the PTP (Project of Technological Priority) project, from 1 May 1997 to 31 August 1997 at the Institute of Molecular Biology of the University of Copenhagen (DK). Research title: "Regulation of plasma membrane H⁺-ATPase by kinase-mediated protein phosphorylation".

More

Member of the academic board of the PhD School in Cell and Molecular Biology, University of Rome "Tor Vergata". Member (since 1998) of the *Italian Society of Plant Biology* (SIBV, formerly *Italian Society of Plant Physiology*). Member (since 1998) of the *Federation of the European Societies of Plant Biology*. Peer reviewer for the Italian Ministry of Research and Education (MIUR). Peer reviewer for international scientific journals.