

Curriculum Vitae

Name: Leonardo BRUNO

Education:

- Degree in Biology at the University of Calabria (2001).
- Ph.D in Plant Biology at the University of Calabria (2002-2005).

Positions:

- Assistant Professor in General Botany at the Department of Ecology at the University of Calabria and then at the Department of Biology, Ecology and Earth Science at University of Calabria (from 2007 to present).
- Post-doc in Plant Biology at the Department of Ecology at the University of Calabria (2005-2007).

Teaching activities:

Biotechnology Degree (Plant Developmental Biology module), Biology Degree (General Botany and Plant Morpho-physiology modules), Ph.D Course in "Scienze della Vita" (Plant Biology module) at the University of Calabria (2007 to present).

Awards and qualifications:

- Marie Curie fellowship (HPMT-CT-2000-00088), at the Plant Systems Biology Department, Flanders Interuniversity Institute for Biotechnology, University, Ghent, Belgium (2003 to 2004).
- Qualified Associate Professor in General Botany from 2017.

Scientific Activities:

- Member of Directory Board of "Biotechnologie e Differenziamento" work group of the Italian Botanical Society from 2020.
- Member of Directory Board of Ph.D Course in "LIFE SCIENCE AND TECHNOLOGY" former "Plant Biology", "Life Sciences" and "Scienze della Vita" at University of Calabria (from 2008 to present).
- Scientific coordinator of the Next Generation Sequencing (NGS) Platform of the S.I.L.A. (Sistema Integrato di Laboratori per l'Ambiente) at the University of Calabria (from 2011 to present).
- Coordinator of the research activity of master students coming from Cardiff University (Wales, UK) alongside the Professional Training Year (PYT) ERASMUS Mobilities Programme (2016 to 2020).
- Visiting Professor to Cardiff University within ERASMUS Mobilities Programme (2017).
- External examiner of 2 Ph.D thesis at Università degli Studi di Milano.
- Member of Teaching Committee for Biology and Biotechnology degrees at Department of Biology Ecology and Earth Science at University of Calabria (from 2019 to present).

- Member of "Paritetica" Committee for Natural Sciences Degree at Department of Biology Ecology and Earth Science at University of Calabria (2015-2017).

Research field: Plant developmental and adaptive biology

My research interest has been directed towards the cellular and molecular aspects of plant development and growth plasticity in response to both endogenous factors and environmental stress conditions. My attention is mainly focused to address structural and functional characterization of genes of interest and hormones role with particular interest on their tissue specific action domains. Currently, I am focusing on the study of epigenetic and chromatin-related control of both plant developmental events and stress responses. In addition to *A. thaliana* model system, I investigate all these aspects in relevant agronomic (peach, olive, artichoke) and ecological (*Posidonia oceanica*) species. Furthermore, I have undertaken a study on ancestral species such as *Ginkgo biloba* in relation to its importance at the evolution level.

The expertise on plant cellular and molecular biology is witnessed by scientific production and multiple international collaborations.

Scientific production:

Author of 40 peer-reviewed papers and three book chapters. Participation as speaker at eight National and International meeting, including three as invited speaker.

Bibliometric data:

Scopus

H-Index =16 n° Citations= 804 n° Articles= 40

Google scholar

H-Index =18 n° Citations = 1042 i10-index=26

Last Updated: 16-10-2020

Major Current scientific project:

- Local coordinator of Progetto PRIN (Progetti Di Ricerca Di Rilevante Interesse Nazionale – Bando 2017), Entitled: Evolution of molecular networks controlling seed coat differentiation. Project code: 20175R447S. (2019-to present).

- Scientific referent for the Host Institution of Project "FRUITY- Multi-trait approach to enhance FRUit quality in post-harvest storage conditions" -Fondazione CON il SUD Project code: B2S 2015-0245. (2016-to present).

- Scientific referent of the Project funded by MIUR “Programma Operativo Complementare Ricerca e Innovazione 2014-2020” Entitled: Sviluppo di nuove tipologie di compost (ammendante compostato misto) e studio degli effetti sulle comunità microbiche del suolo e sullo sviluppo delle piante superiori” (CUP H28D20000040006) (2019-to present).

- Member of local research unit – “Olio extra vergine d’oliva Digital Id maNagment (ODIN)”. POR Calabria FESR-FSE 2014-2020, Obiettivo 1.2, Azione 1.2.2” (2018 to present).

- Member of local research unit 2018: Project “Food Social Sensor Network (Food NET)”. POR Lombardia 2014-2020, Azione I.1.b.1.3 2018: (2018 to present).

- Coordinator of research projects funded by University of Calabria (MURST ex 60%). (2007- to present).

Editorial activities:

- Member of Editorial board for *Biologia Plantarum* and for *International Journal of Plant Biology*.

- Co-Guest Editor for the Special Issue entitled: “Role of Epigenetic Mechanism in Plants: From basic to applicative aspect”, *International Journal of Molecular Science*.

- Reviewer for the following international journals: *Journal of Microbial & Biochemical Technology*; *Plant Biosystem*; *Functional Plant Biology*; *International Journal of Plant Biology*; *Environmental and Experimental Botany* and *Journal of Integrative Plant Biology*.