

## *Carla Gentile*



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### **APPOINTMENTS**

2020 - present	Associate Professor in Biochemistry, STEBICEF Dept, University of Palermo.
2008 - 2020	Assistant Professor in Biochemistry, STEBICEF Dept, University of Palermo.
2005 - 2008	Post-Doctoral Research Fellow, Dipartimento Farmacochimico, Tossicologico e Biologico, University of Palermo.
2004 - 2005	Post-Doctoral Research Fellow, Inserm (French National Institute for Health and Medical Research) U602 - Institut André Lwoff - IFR89 - Hôpital Paul Brousse, Villejuif, France. Research agreement, Société Française d'Hématologie.

### **EDUCATION AND TRAINING**

2001 - 2004	PhD in Medicinal Chemistry, University of Palermo
1995 - 2000	Master Degree in Chemistry and Pharmaceutical Technologies, University of Palermo

### **RESEARCH INTERESTS**

- Bioactivity of phytochemicals (radical-scavenging, antioxidant, anti-inflammatory, and antiproliferative activities) and involved mechanisms.
- Cancer cell biology: cell metabolism, pathway signaling, cell stress responses, cell cycle regulation

### **VISITING RESEARCHER/PROFESSOR**

- From November 2022- Present. Scientific Fellow, INSERM U1197, Hôpital Paul Brousse, Villejuif, FRANCE
- September 2019. Visiting Professor (Erasmus+ Staff Training Mobility Program 2019), INSERM U1197, Hôpital Paul Brousse, Villejuif, FRANCE.
- From February 2003 to June 2004. Visiting researcher, Inserm U602 - Institut André Lwoff - IFR89 - Université Paris XI, Hôpital Paul Brousse, Villejuif, France.
- From April 2002 to september 2002. Visiting researcher School of Medicine, Division of

Respiratory Cell and Molecular Biology, Southampton General Hospital, Southampton, UK.

### **PROJECT LEADER**

- 2022-2023. Principal investigator for the project "Nut byproducts: valorization challenges for functional applications" Founding provided by MUR, PNR D.M. 737/2021
- 2017 - 2019. Professor Gentile holds a position of responsibility at Dolfin SpA for scientific studies and research within the "MISE Horizon 2020" project, specifically under "Businesses and Competitiveness 2014-2020." Her expertise lies in biochemical analyses related to food functionalization.
- 2019-present. Professor Gentile serves as the scientific referent for the agreement between the STEBICEF Dept and Abel Nutraceuticals Srl.

### **ACADEMIC BOARD MEMBER OF PhD PROGRAMS**

- PhD in Scienze Molecolari e Biomolecolari – XXXV, XXXVI, and XXXVII cycles, STEBICEF Dept, University of Palermo.
- PhD in Biodiversità Mediterranea - XXXI and XXXII cycles, Department of Agricultural, Food and Forestry Science, University of Palermo.
- PhD in Biologia Cellulare e Scienze e Tecnologie del Farmaco - XXV and XXVI cycles, Scienze e tecnologie molecolari e biologiche Dept, University of Palermo.
- PhD in Scienze Farmaceutiche – XXIV cycle, Dept Farmacochimico, Tossicologico e Biologico, University of Palermo.

### **EDITORIAL BOARD MEMBER**

- Editorial Board Member for Antioxidants, MDPI (ISSN 2076-3921)
- Editorial Board Member for Foods, MDPI (ISSN 2304-8158)
- Editorial Board Member for Agronomy, MDPI (ISSN 2073-4395)
- 2021. Guest Editor of the Special Issue “Agro-Food Waste as Source of Nutraceuticals”, Foods, MDPI (ISSN 2304-8158)
- 2020. Guest Editor of the Special Issue “Biological Activities of Plant Food Components: Implications in Human Health”, Foods, MDPI (ISSN 2304-8158)
- 2016-2020. Editorial committee member of the 7th and 8th Italian editions of BIOLOGIA di Solomon, Berg e Martin, EDISES.

### **PUBLICATIONS**

Professor Gentile is co-author of over 60 proceedings in national and international conferences and of 88 publications on ISI recognized high-profile international journals (h-index: 33; citations 3396, scopus.com).

Scopus: ID: 8303901100 <https://www.scopus.com/authid/detail.uri?authorId=8303901100>

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