

CURRICULUM VITAE

Personal Data

Name: Mandalari Giuseppina

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CURRENT POSITION

University of Messina

Lecturer in Microbiology and Clinical Microbiology at the Department of Chemical, Biological, Pharmaceutical and Environmental Science of the University of Messina.

TEACHING

The teaching activity of Dr Giuseppina Mandalari is reported below:

AA 2007-2008 and 2008-2009: course of "Hygiene", degree in "Pharmaceutical Representative".

AA 2008-2009 and 2009-2010: course of "Applied Pharmaceutical Microbiology", degree in "Biotechnology for Health".

AA 2011-2012 and 2012-2013: course of "Clinical Microbiology", degree in "Pharmaceutical Science Applied to Health Products".

AA 2013-2014: course of "Clinical and Pharmaceutical Microbiology", degree in "Pharmacy".

AA 2016-2017: course of "Microbiology applied to control of Drugs and Food", degree in "Pharmacy" and "Chemistry and Pharmaceutical Technology".

AA 2018-2019: course of "Biomedical Microbiology", degree in "Biology", curriculum of "Biotechnology and Applied Microbiology".

RESEARCH

The research of Dr Giuseppina Mandalari has been carried out since 2002-2003, with significant research experience at the Institute of Food Research (Norwich, UK) and University of Reading (UK).

Main research areas:

1. Development of in vitro digestion and fermentation model systems.
2. Investigation of the prebiotic effect of functional foods on intestinal microbiota.
3. Antimicrobial activity of plant-derived materials.

FUNDING/GRANTS

- PI: 2017-2018. Project "Effect of pistachios against *Helicobacter pylori* and Herpes simplex virus" (funded by American Pistachio Growers).
- PI: 2014-2015. Project "Antioxidant potential of pistachios" (funded by American Pistachio Growers). • PI: 2010-2014. Project "Biological activities of almond seeds and almond skins" (funded by Almond Board of California and MIUR, Italian Ministry of Research and Education).
- Co-I: 2009-2011. Project PRIN "Ruolo del trasposone coniugativo Tn5252 nella diffusione di multiantibiotico resistenza in *Streptococcus pneumoniae*" (funded by MIUR, Italian Ministry of Research and Education). •

ACADEMIC QUALIFICATIONS

- 2000-2003: PhD in Pharmacognosy at University of Messina, Italy. Thesis: "Valorisation of agroindustrial wastes: enzyme production and phenolic compounds extraction". The PhD project was undertaken in collaboration between the Pharmaco-Biological Department of the University of Messina and the Institute of Food Research in Norwich, UK.
- 1995-2000: First Class Degree in Biological Sciences, Faculty of Science, University of Messina, Italy. Grade: 110 out 110 cum laude.

PUBLICATIONS

Author of more than 60 publications in peer-reviewed journals between 2002 and 2018.