

EUROPEAN
CURRICULUM VITAE
FORMAT



PERSONAL INFORMATION

Name **ANTONELLA MARIA MAGGIO**
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Nationality Italian
Date of Birth
Gender

WORK EXPERIENCE

- Dates (from - to) January 2022 – today
- Name and address of the employer Università degli Studi di Palermo - Department of Biological, Chemical and Pharmaceutical Sciences and Technologies (STEBICEF)
- Type of business or sector
- Occupation or position held **Associate professor – Organic Chemistry (CHIM/06)**
- Main activities and responsibilities
- Dates (from - to) January 2004 – December 2021
- Name and address of the employer Università degli Studi di Palermo - Department of Biological, Chemical and Pharmaceutical Sciences and Technologies (STEBICEF)
- Type of business or sector
- Occupation or position held **Researcher – Organic Chemistry (CHIM/06)**
- Main activities and responsibilities

EDUCATION AND TRAINING

- Dates (from - to) 1999-2003
- Name and type of organisation providing education and training Università degli Studi di Palermo
- Principal subjects/occupational skills covered
- Title of qualification awarded **Post Doc**
- Dates (from - to) 1995 – 1998
- Name and type of organisation providing education and training Università degli Studi di Palermo – Consejo Superior de Investigación Científica (CSIC) - Madrid
- Principal subjects/occupational skills covered Isolation, identification and transformation of diterpenes with biological activity
- Title of qualification awarded **Doctorate in Chemistry**
- Dates (from - to) 1989 - 1995

- Name and type of organisation providing education and training
- Principal subjects/occupational skills covered
- Title of qualification awarded

Università degli Studi di Palermo

Isolation, identification of sesquiterpenes from *Centaurea*

Graduate in chemistry

PERSONAL SKILLS AND COMPETENCES

MOTHER TONGUE
OTHER LANGUAGES

ITALIAN
ENGLISH, SPANISH

SCIENTIFIC SKILLS AND COMPETENCES

Living and working with other people, in multicultural environments, in positions where communication is important and situations where teamwork is essential (for example culture and sports), etc.

- Research interests (5 Key words): Chemistry of natural compounds, Secondary metabolites identification, Chemotaxonomy, Biodiversity, Food traceability.
- Author of 116 publication on Scientific Journals.
- Lecturer of 30 academic courses or modules in the last ten years (i.e. Chemistry of Natural Compounds, Organic chemistry, History of chemistry).
- Organization and Communication at national and international congresses
- Supervisor of more than 30 university theses (three-year, specialist); guiding teacher and co-rapporteur of 5 doctoral theses.

RELEVANT ROLES AND COMPETENCES

Coordination and administration of people, projects and budgets; at work, in voluntary work (for example culture and sports) and at home, etc.

- Member of the research group of Natural Product Chemistry, dedicated to the study of secondary metabolites, at the University of Palermo.
- Member of Academic Quality Assurance Committee of University of Palermo
- Scientific responsible for the chemical part in
 - o convention CON-0365 COMM - Scientific collaboration convention; 2021; SAFEWINE: RESEARCH AND DEVELOPMENT IN THE WINE SECTOR; Stipulated by the Department of Agricultural, Food and Forestry Sciences
 - o convention CON-0364 COMM - Scientific collaboration convention; 2021; FLAVORBIOTA: TECHNICAL AND SCIENTIFIC COLLABORATION AGREEMENT Stipulated by the Department of Agricultural, Food and Forestry Sciences
- Participant in PRIN projects 2007, 2009, 2015, 2017, 2022 dedicated to study natural compounds and their synthetic derivatives with anticancer activities
- Participant in
 - o PON Research and Competitiveness 2007-2013 code PON02_00451_3362185 INNOVAQUA Technology innovation to support the increase in productivity and competitiveness of Sicilian aquaculture
 - o DIRETE project-Technological districts of Sicily in the network for innovation and technology transfer CUP G78C13000080009, financed by the OP FESR Sicilian Region 2007/2013 - AXIS 4 intervention line 4.1.2.A - type b operation
- Participant in the VERIFICATION PROJECT PO FESR 113
 - o Azienda Geolive Belice (2020)
 - o COMPANY CADA LABORATORI Company C.A.D.A. by Giglio Filippo & C snc (2020)
- Local coordinator of Scientific degrees project - Chemistry
- Member of PhD program committee Scienze molecolari e biomolecolari
- Member of PhD program committee Tecnologie e metodi per la formazione universitaria
- Co-author of two volumes of the history of chemistry, Co-author of eight school textbooks of chemistry
- Member of direction board of the Interdivisional Group of the Diffusion of Chemical Culture of the Italian Chemical Society
- Member of the board of directors of the Interdivisional Group of the National Group of History and Foundations of Chemistry

PUBLICATION INDEXES (SCOPUS)

- NUMBER OF PUBLICATIONS: 116
- TOTAL NUMBER OF CITATIONS: 2191
- H-INDEX: 25

10 MOST RELEVANT
PUBLICATIONS
In the last 10 years.

1. Badalamenti, N., Vaglica, A.; Porrello, A.; Maggio, A.; Bruno, M.; Lauricella, M.; D'Anneo, A. Phytochemical investigation and antitumor activity of coumarins from Sicilian accession of *Ferulago nodosa* (L.) Boiss. Roots. *Natural Product Research*, **2023**,
2. Badalamenti N., Vaglica A., Maggio A., Bruno M. A new ferulol derivative isolated from the aerial parts of *Ferulago nodosa* (L.) Boiss. growing in Sicily (Italy). *Natural Product Research*, **2023**, 3.
3. 10. Lauricella, Marianna; Maggio, Antonella; Badalamenti, Natale; Bruno, Maurizio; D'Angelo, Giovanni Danilo; D'Anneo, Antonella. Essential oil of *Foeniculum vulgare* subsp. *piperitum* fruits exerts an anti-tumor effect in triple-negative breast cancer cells. *Molecular Medicine Reports*, **2022**, 26(1).
4. Bruno M., Bancheva S., Rosselli S., Maggio A., Sesquiterpenoids in subtribe *Centaureinae* (Cass.) Dumort (tribe *Cardueae*, *Asteraceae*): Distribution, ¹³C NMR spectral data and biological properties, *Phytochemistry*, **2013**, 95, 19-93.
5. Zito P., Sajeva M., Bruno M., Rosselli S., Maggio A., Senatore F., Essential oils composition of two Sicilian cultivars of *Opuntia ficus-indica* (L.) Mill. (*Cactaceae*) fruits (prickly pear), *Natural Product Research*, **2013**, 27 (14), 1305-1314.
6. Albergamo A., Rotondo A., Salvo A., Pellizzeri V., Bua D.G., Maggio A., Cicero N., Dugo G., Metabolite and mineral profiling of "Violetto di Nisemi" and "Spinoso di Menfi" globe artichokes by ¹H-NMR and ICP-MS, *Natural Product Research*, **2017**, 31 (9), 990-999.
7. Maggio A., Rosselli S., Bruno M., Essential oils and pure volatile compounds as potential drugs in Alzheimer's disease therapy: An updated review of the literature, *Current Pharmaceutical Design*, **2016**, 22 (26), 4011-4027.
8. Sabatino L., Iapichino G., Maggio A., D'Anna E., Bruno M., D'Anna F., Grafting affects yield and phenolic profile of *Solanum melongena* L. landraces", *Journal of Integrative Agriculture*, **2016**, 15 (5), 1017-1024.
9. Emanuele S., Notaro A., Piccionello A.P., Maggio A., Lauricella M., D'Anneo A., Cernigliaro C., Calvaruso G., Giuliano M., Sicilian litchi fruit extracts induce autophagy versus apoptosis switch in human colon cancer cells, *Nutrients*, **2018**, 10 (10), 1490.
10. Mandrone M., Lorenzi B., Maggio A., La Mantia T., Scordino M., Bruno M., Poli F., Polyphenols pattern and correlation with antioxidant activities of berries extracts from four different populations of Sicilian *Sambucus nigra* L., *Natural Product Research*, **2014**, 28 (16), 1246-1253.
11. Poma P., Labbozetta M., Notarbartolo M., Bruno M., Maggio A., Rosselli S., Sajeva M., Zito P., Chemical composition, in vitro antitumor and pro-oxidant activities of *Glandora rosmarinifolia* (*Boraginaceae*) essential oil", *PLoS ONE*, **2018**, 13 (5), e0196947.

PATENTS

- Palumbo, A., Pace, A., Maggio, Antonella, Santulli A., Lombardo, R., Messina, C. (2019) Smart labels for the visual detection of food spoilage number 102015000055271 presented on 25/09/2015
- Fontana G, Maggio, Antonella, Bruno M, Rosselli S, Giangrande G, Castaldo R, Calvaruso G (2014). Citrus peels as biocatalyst for deacetylation reactions. FI2014A000191. <http://hdl.handle.net/10447/102924>

According to law 679/2016 of the Regulation of the European Parliament of 27th April 2016, I hereby express my consent to process and use my data provided in this CV

Palermo, 28.10.2023

