

PERSONAL INFORMATION

Filomena Conforti


POSITION

Associate professor (Scientific Disciplinary Sector BIO/15 – Pharmaceutical Biology).

WORK EXPERIENCE

From 2015

Associate professor (Scientific Disciplinary Sector BIO/15 – Pharmaceutical Biology).

Department of Pharmacy, Health and Nutritional Sciences, University of Calabria

From 2006

Researcher (Scientific Disciplinary Sector BIO/15 – Pharmaceutical Biology).

Department of Pharmacy, Health and Nutritional Sciences, University of Calabria .

From 2006 to today

Supervisor of thesis

Department of Pharmacy, Health and Nutritional Sciences, University of Calabria .

▪ Supervisor

Sector Officinal plants

From 2010

Supervisor doctoral thesis (XXVI cycle)

Doctoral School "Life Sciences". University of Calabria.

Sector BIO/15 – Pharmaceutical Biology

From 2013

Member of the Board of Pharmacy Degree

Department of Pharmacy, Health and Nutrition Sciences, University of Calabria .

▪ Member

Sector

From 2007

Member of the Commission Training and orientation

Department of Pharmacy, Health and Nutrition Sciences, University of Calabria .

▪ Member

Sector Traineeships Training and Orientation

From 24/10/2013 **President of the Commission Training and orientation**
 Department of of Pharmacy, Health and Nutrition Sciences, University of Calabria .
 ▪ Coordination of activities Internship
Sector Traineeships Training and Orientation

From A.Y. 2014/2015 **Teaching position**
 Department of of Pharmacy, Health and Nutrition Sciences, University of Calabria.
 ▪ Pharmaceutical Botany course (6 CFU) Pharmacy degree.
Sector BIO/15 – Pharmaceutical Biology

A.Y. 2013/2014 **Teaching position**
 Department of of Pharmacy, Health and Nutrition Sciences, University of Calabria .
 ▪ Pharmaceutical Botany course (6 CFU) Pharmacy degree.
Sector BIO/15 – Pharmaceutical Biology

2012 **Committee on Examinations of state license to practice as a pharmacist**
 University of Calabria, Via P. Bucci, 87036 Arcavacata di Rende (CS).
 ▪ Member
Sector

A.Y. 2012/2013 **Teaching position**
 Department of of Pharmacy, Health and Nutrition Sciences, University of Calabria .
 ▪ Pharmaceutical Botany course (6 CFU) Pharmacy degree .
Sector BIO/15 – Pharmaceutical Biology

A.Y. 2011/2012 **Teaching position**
 Faculty of of Pharmacy, Health and Nutrition Sciences, University of Calabria .
 ▪ Food supplements of natural origin course (3 CFU) Nutrition Sciences degree;
 ▪ Applied Pharmaceutical Botany course (3 CFU) CTF degree;
Sector Bio/15 – Pharmaceutical Biology

A.Y. 2010/2011 **Teaching position**
 Faculty of of Pharmacy, Health and Nutrition Sciences, University of Calabria .
 ▪ Applied Pharmaceutical Botany course (3 CFU) CTF degree ;
 ▪ Applied Pharmaceutical Botany course (7 CFU) Environmental Toxicology degree.
Sector Bio/15 – Pharmaceutical Biology

A.Y. 2009/2010 **Teaching position**
 Faculty of of Pharmacy, Health and Nutrition Sciences, University of Calabria .
 ▪ Research and development of Phytotherautical drugs course (5 CFU) Scientific Information on drugs degree;
 ▪ Phytocosmetic products course (5 CFU) Technology of cosmetic products degree.
Sector Bio/15 – Pharmaceutical Biology

A.Y. 2008/2009 **Teaching position**
 Faculty of of Pharmacy, Health and Nutrition Sciences, University of Calabria .
 ▪ Applied Pharmaceutical Botany course (7 CFU) Environmental Toxicology degree .
Sector Bio/15 – Pharmaceutical Biology

A.Y. 2007/2008 **Teaching position**
 Faculty of of Pharmacy, Health and Nutrition Sciences, University of Calabria .
 ▪ Applied Pharmaceutical Botany course (7 CFU) Environmental Toxicology degree .
Sector Bio/15 – Pharmaceutical Biology

A.Y. 2006/2007 **Teaching position**
 Faculty of of Pharmacy, Health and Nutrition Sciences, University of Calabria .
 ▪ Applied Pharmaceutical Botany course (7 CFU) Environmental Toxicology degree .
Sector Bio/15 – Pharmaceutical Biology

From 2006 **Doctoral School “Life Sciences”.**
 University of Calabria, Via P. Bucci, 87036 Arcavacata di Rende (CS).
 ▪ Member
Sector

A.Y. 2005/2006 **Teaching position**
 Faculty of of Pharmacy, Health and Nutrition Sciences, University of Calabria.
 ▪ Applied Pharmaceutical Botany course (7 CFU) Environmental Toxicology degree .
Sector Bio/15 – Pharmaceutical Biology

From 01.05.2005 To 01.03.2006 **Research Fellow**
 Department of Pharmaceutical Sciences, Faculty of Pharmacy, University of Calabria
 ▪ Biological and Phytochemical Screening of plant extracts with pharmaceutical potential.
Sector Bio/15 – Pharmaceutical Biology

A.Y. 2004/2005 **Teaching position**
 Faculty of of Pharmacy, Health and Nutrition Sciences, University of Calabria.
 ▪ Applied Pharmaceutical Botany I course (5 CFU) Environmental Toxicology degree ;
 ▪ Applied Pharmaceutical Botany II course (5 CFU) Environmental Toxicology degree .
Sector Bio/15 – Pharmaceutical Biology

From 01.05.2004 To 30.04.2005 **Research Fellow**
 Department of Pharmaceutical Sciences, Faculty of Pharmacy, University of Calabria.
 ▪ Biological and Phytochemical Screening of plant extracts with pharmaceutical potential
Sector Bio/15 – Pharmaceutical Biology

A.Y. 2003/2004 Teaching position

Faculty of of Pharmacy, University of Calabria .

- Applied Pharmaceutical Botany I course (5 CFU) Environmental Toxicology degree ;
- Applied Pharmaceutical Botany II course (5 CFU) Environmental Toxicology degree.

Sector Bio/15 – Pharmaceutical Biology

From 2003 To 2012 Board of Degree of Scientific Information on Drugs

Faculty of of Pharmacy, University of Calabria , Via P. Bucci, 87036 Arcavacata di Rende (CS).

- Member

Sector

From 01.04.2001 To 01.07.2001 Stage

Laboratory of Pharmacognosy, Department of Pharmacy, King's College of London, United Kingdom.

- Research activity, in vitro assays for the evaluation of biological activity of phytocomplex and active compounds, chromatographic techniques.

Sector Official Plants

AWARDS

2021

Best Paper Award

Cachrys ferulacea (L.) Calest. Extracts as Natural Photosensitizers: An In Vitro Photobiological Study
by Mariangela Marrelli, Maria Rosaria Perri, Valentina Amodeo, Filomena Conforti, Francesca Giordano, Maria Luisa Panno, and Giancarlo Statti
[The 2nd International Electronic Conference on Plant Science](#)
01–15 December 2021

EDUCATION AND TRAINING

From 1998 To 2003 Specialization in Clinical Pathology

University of Calabria, via Pietro Bucci 87036 Arcavacata di Rende (CS) Italia.

- Thesis titled:

2000

State license to practice as a pharmacist

University of Calabria , via Pietro Bucci 87036 Arcavacata di Rende (CS) Italia.

From 1992 To 1998 Degree in Pharmacy

University of Calabria – Faculty of Pharmacy

- Thesis titled : The secondary constituents from Calabrian mycological species.

From 1959 To 1964 Secondary education 2nd grade

- Accounting

PERSONAL SKILLS

Mother tongue Italian

Other languages	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
French	A1/2	A1/2	A1/2	A1/2	A1/2

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Organisational / managerial skills	She organized the Interdisciplinary Congress on Medicinal Plants held in Cetraro from May 31 to June 2, 2012 on behalf of the Italian Society of Phytochemistry, Italian Society of Pharmacognosy and the Italian Society of Botany (division medicinal plants). She was member of the Scientific Committee of " XIII Congresso della Società Italiana di Fitochimica" Gargnano (BS), 19-21 September 2013.
Job-related skills	Gas Chromatography, Gas Chromatography Associated with Mass Spectrometry, NMR, IR Spectrophotometers, Spectroscopy UV, HPLC.
Computer skills	Ms-Dos, Windows 95, 98 Me, XP, Programmi Applicativi: Word, Power Point, Excel, Outlook, Netscape Navigator, Internet Explorer, Photoshop, Chem-Win 3.1, Chem-Draw, Chem-Sketch. Network Computing.
Driving licence	B

ADDITIONAL INFORMATION

Congress Communications

Invited Lectures

1. **Filomena Conforti**. Mediterranean dietary plants: the healthy role of their phytochemical compounds. Belgian Pharmacognosy Day. 24th of May 2024, Université Libre de Bruxelles, Bruxelles.
2. Giancarlo Statti, Mariangela Marrelli, Pinarosa Avato, **Filomena Conforti**. Alimurgic plants and healthy phytochemical compounds on metabolic disorders. PSE Conference Natural Products in Drug Discovery Advances and Perspectives, 19-22 September 2022, Iasi, Romania.
3. **Filomena Conforti** Nutraceutical management of atypical intestinal inflammation in children with ASD. Gemmotherapy, online meeting 28-30 Ottobre 2021, Vasile Goldis University, Arad, Romania.
4. **Filomena Conforti**. Healthy food for menopause. International School of Gemmotherapy, 13-17 November 2020, Goldis University, Arad, Romania.
5. Filomena Conforti. Essential oils. Workshop "PLANTS", Customs laboratories European Network, Action 5 – Scientific expertise, European Commission, 08-10 July 2014, Peyresq, France.
6. Conforti Filomena, "Piante alimentari come risorsa di principi attivi polifenolici da utilizzare come inibitori del radicale NO". Atti del convegno "Scuola di Fitochimica-Antiossidanti di Origine Naturale", Tirrenia (PI), 30 settembre – 02 Ottobre, 2010, LP-6.
7. **Filomena Conforti**. Antioxidant compounds from medicinal plants. 5th EPSA Summer University – University of Skopje (Macedonia), Ohrid, 13th -19th Luglio 2003

Oral Communications

- 2021
1. Mariangela Marrelli, Massimo Tacchini, Maria Rosaria Perri, Valentina Amodeo, **Filomena Conforti**, Gianni Sacchetti, Giancarlo Statti. *Lavandula* spp. from the Pollino National Park: evaluation of the potential of essential oils and bioactive components. 116° Congresso della Società Botanica Italiana, 8-10 September 2021, p. xvii.
 2. Alexia Barbarossa, Alessia Carocci, Carlo Franchini, Mariangela Marrelli, Valentina Amodeo, **Filomena Conforti**, Jessica Ceramella, Domenico Iacopetta, Maria Stefania Sinicropi. Phenylpropiolones: promising anticancer agents. Paul Ehrlich Euro-PhD Network Virtual Meeting 2021 Zoom platform, 2021, p. 47.
- 2020
3. M. Marrelli, V. Amodeo, F. Viscardi, M. De Luca, G. Statti, **F. Conforti**. Foeniculum oil and its main metabolites: benefits in arthritis management using in vitro models. PSE European Plant Derived Natural Products as Pharmacological and Nutraceutical Tools, September 1-10, 2020, October 6, 9, 13, 16, 2020, p. OC16.
 4. Mariangela Marrelli, Francesca Giordano, Valentina Amodeo, Maria Rosaria perri, C. Luisa Panno, **Filomena Conforti**. *Cachrys libanotis* L. Extracts: Photocytotoxic Effects on Uveal Melanoma Cells. 1st International Electronic Conference on Plant Science, 1–15 December 2020.
- 2019
5. M. P. Argentieri, D. Meleleo2, R. Mallamaci, **F. Conforti**, M. Marrelli, P. Avato. Phytochemicals with potential anti-obesity properties. Natural Products in Drug Discovery and Human Health (NatProdDDH) – PSE Meeting, Lisbon, July 28th-31th, 2019, p. 52.
 6. Mariangela Marrelli, Giancarlo Statti, **Filomena Conforti**. *Muscari comosum* (L.) Mill.: metabolite profiling, anti-obesity and antioxidant potential of bulbs and aerial parts. 112° Congresso della Società Botanica Italiana, IV International Plant Science Conference (IPSC) Parma, 20-23 September 2017, pp. Xvii.
 7. Mariangela Marrelli, **Filomena Conforti**. *Origanum heracleoticum* L. essential oil: potential health benefits and variability in metabolic profiles among calabrian populations. International PSE Symposium, Francavilla al Mare, 17-19 September 2017, p. 57.
 8. Mariangela Marrelli, Giancarlo Statti, **Filomena Conforti**. *Echinophora tenuifolia* L. aerial parts: phytochemical constituents and antiproliferative activity against human cancer cell lines. XV Congress of the Italian Society of Phytochemistry, 1st International Congress on Edible, Medicinal and Aromatic Plants (ICEMAP 2017) Pisa, 28-30 Giugno 2017, pp. OC10
- 2016
9. Filomena Conforti, Mariangella Marrelli, Marcello Nicoletti, Francesco Menichini. *Capsicum annuum* L.: a new source of antioxidant compounds and inhibitors of pancreatic lipase. 111° Congresso della Società Botanica Italiana onlus, III International Plant Science Conference (IPSC), Roma, Tor Vergata, 21-23 Settembre 2016, pp. 41.
- 2015
10. Filomena Conforti, Mariangella Marrelli, Domenico Gabriele, Francesco Menichini, Bruno de Cindio. Polyphenolic content of fresh-cut peach (*Prunus persica* L.) treated with pectin coatings. XIV Congresso della Società Italiana di Fitochimica, Padova, 10-12 Giugno 2015, pp. C2.
 11. Mariangella Marrelli, Brigida Cristaldi, Francesco Menichini, **Filomena Conforti**. The potential role of dietary botanicals in cancer chemoprevention: a preliminary screening of phytochemical profile and *in vitro* antiproliferative activity of edible plants from Calabria. XIV Congresso della Società Italiana di Fitochimica, Padova, 10-12 Giugno 2015, pp. C3

- 2014
 12. Filomena Conforti, Mariangela Marrelli, Francesco Menichini. *Origanum vulgare* ssp. *viridulum*: a phytoalimurgic plant with inhibitory activity against human cancer cell proliferation. 109° Congresso della Società Botanica Italiana, International Plant Science Conference (IPSC), From Nature To techonological Exploitation, Florence, 2-5 September 2014, pp. XXVI.
 13. Filomena Conforti, Mariangela Marrelli, Francesco Menichini. Wild Mediterranean Dietary Plants as Anti-obesity Agents. Convegno Monotematico Società Italiana Farmacologia – Farmacognosia: nuove opportunità terapeutiche dal mondo vegetale. Napoli, 20-21 Giugno 2014, pp. 34.
- 2013
 14. Salvatore Genovese, Francesco Epifano, Serena Fiorito, Massimo Curini, Takuji Tanaka, **Filomena Conforti**, Mariangella Marrelli, Francesco Menichini. Effetti biologici di coniugati di prenilossifenilpropanoidi con L- NAME. XIII Congresso della Società Italiana di Fitochimica, Gargnano (BS), 19-21 Settembre 2013, pp. 25, ISBN: 978-88-97341-44-4.
 15. Filomena Conforti, Investigation of the potential health benefits of wild Mediterranean dietary plants as anti-obesity with α -amylase and pancreatic lipase inhibitory activities. Convegno "Farmaci e Prodotti per la Salute: Nuove prospettive nella ricerca traslazionale", 8 Aprile 2013, arcavacata di Rende (CS), pp. OC-1.
- 2012
 16. Damiano Rossi, Guglielmo Paganetto, Giovanni Bernacchia, Alessandra Guerrini, **Filomena Conforti**, Giancarlo Statti, Silvia Maietti, Renato Bruni, Gianni Sacchetti, "Potenzialità mutageno-protettive dell'olio essenziale di *Croton lechleri* Müll. Arg. (Euphorbiaceae) dell'Ecuador amazzonico", Congresso Interdisciplinare sulle Piante Medicinali, 31 Maggio – 2 Giugno 2012, Cetraro (CS), pp. 23.
 17. Mariangela Marrelli, **Filomena Conforti**, Marco Bonesi, Rosa Tundis, Giancarlo A. Statti, Francesco Menichini, "*Ficus carica* L. cv. Dottato: potenziali applicazioni in fotochemioterapia", Congresso Interdisciplinare sulle Piante Medicinali, 31 Maggio – 2 Giugno 2012, Cetraro (CS), pp. 40.
 18. Massimo Tacchini, Alessandro Grandini, Silvia Maietti, Damiano Rossi, Monica Borgatti, Roberto Gambari, Giancarlo Statti, **Filomena Conforti**, Mariangela Marrelli, Renato Bruni, Matteo Marieschi, Ferruccio Poli, Alessandra Guerrini, Gianni Sacchetti, "Caratterizzazione chimica e bioattività di preparazioni tradizionali di droghe ayurvediche: *Hemidesmus indicus* e *Azadirachta indica*", Congresso Interdisciplinare sulle Piante Medicinali, 31 Maggio – 2 Giugno 2012, Cetraro (CS), pp. 28.
- 2011
 19. Marrelli Mariangela, **Conforti Filomena**, Uzunov Dimitar, Statti Giancarlo, Sinicropi Maria Stefania, Menichini Francesco, "Influenza dello stadio fenologico sull'attività antiossidante sulla composizione chimica della cicoria (*Cichorium intybus* L.)". Atti del convegno "La chimica della Vita: da alimenti funzionali a principi attivi", Università Magna Grecia di Catanzaro, 29-30 September, 2011, Catanzaro, 2011, pp. 41.
 20. **Conforti F.**, Marrelli M., Statti G.A., Menichini F., " Fitonutrienti bioattivi derivati da piante alimurgiche presenti nel territorio Calabrese". Atti del convegno "S.I.F. 2011", Università degli Studi Roma "Sapienza", 30 Giugno - 2 Luglio, 2011, Roma, 2011, pp. OR8-OR8.
 21. **Conforti F.**, Menichini F., "Mediterranean dietary plants belonging to the Lamiaceae family as inhibitors of intestinal absorption of dietary fat through inhibition of pancreatic lipase". Atti del convegno "Alimed2011", Palermo, 22-25 Maggio, 2011, 2011, pp. 32-32.
- 2010
 22. Statti G. A., **Conforti F.**, Menichini F., Uzunov (ouzounov) D. H., Marrelli M., Tundis R., Bonesi M., Menichini F., " Studio della variabilità chimica e biologica di specie di Capperò calabresi". Atti del convegno "FITOMED 2010- IV Congresso Intersocietà sulle Piante Medicinali", Dipartimento di Scienze Botaniche ed Orto Botanico, Cagliari, 23-26 giugno, 2010, 2010, pp. 47-47.

23. Statti G. A., Uzunov (ouzounov) D. H., **Conforti F.**, Marrelli M., Menichini F., Tundis R., Bonesi M., Menichini F., " Mediterranean phytochemical plant diversity. The case of Calabrian flora". Atti del convegno "10th Symposium on the flora of Southeastern Serbia and Neighboring Regions", Department of Biology and Ecology, University of Nis- Serbia, 17-20 June, 2010, 2010, pp. 104-104.
24. **Conforti F.**, Statti G.A., Menichini F., Marrelli M., Uzunov D., Tundis R., Bonesi M., Menichini F. Phytochemical profile of *Hypericum calabricum* Sprengel: its role on prevention of the oxidative damage and on the inhibition of no in lps-stimulated raw 264.7 macrophages. Atti del convegno "Erbe Medicinali: dalla ricerca di base alla clinica", Messina, 29-30 Aprile 2010, p. 39.
- 2009 25. Carmen Formisano, Daniela Rigano, **Filomena Conforti**, Monica Rosa Loizzo, Francesco Menichini, Maurizio Bruno, Felice Senatore, "Attività biologica e caratterizzazione fitochimica dell'estratto metanolico di *Phagnalon saxatile* L. Cass.". Atti del Congresso Nazionale: Farmaci Naturali, attualità e prospettive future, Benevento, 27-29 Marzo 2009, pp 42.
- 2005 26. **F. Conforti**, G. Statti, M.R. Loizzo, M. Bonesi, R. Tundis, F. Menichini. "Evaluation of antioxidant and cytotoxic activities of *Senecio gibbosus* subsp *gibbosus* (guss) DC extracts". Congresso Antiossidanti naturali: attualità e prospettive future, 3 Dicembre 2005, Napoli.
- 2004 27. M.R. Loizzo, **F. Conforti**, R. Tundis, G. Statti, M. Bonesi, P.J. Houghton, F. Menichini. "Attività antiossidante di piante appartenenti al genere *Senecio* (asteracee) raccolte sul territorio calabrese". FITOMED2004 1° Congresso Intersocietà sulle Piante Medicinali, 16-19 Settembre, 2004 Trieste.
28. M. Bonesi, G. Statti, R. Tundis, **F. Conforti**, M.R. Loizzo, F. Menichini. "Sintesi di nuovi calconi: potenziali molecole ad attività antiangiogenica". 4° Corso della Scuola Dottorale per la formazione avanzata in Discipline Tecnologiche-Farmaceutiche, 11-17 Settembre, 2004 arcavacata di Rende (CS).
- 2003 29. **Filomena Conforti**. Antioxidant compounds from medicinal plants. 5th EPSA Summer University – University of Skopje (Macedonia), Ohrid, 13th -19th Luglio 2003.
- Posters
- 2019 30. Valentina Amodeo, Marrelli Mariangela, Veronica Pontieri, Giancarlo Statti, **Conforti Filomena**. *Plantago major* L.: assessment of phytochemical composition and pancreatic lipase inhibitory potential. 114° Congresso della Società Botanica Italiana VI INTERNATIONAL PLANT SCIENCE CONFERENCE (IPSC) - Padova, 4 - 7 September 2019, p. 101.
31. **Conforti F.**, Marrelli M, Grande F, Occhiuzzi MA, Maione F, Mascolo N. Discovery of potential pancreatic lipase inhibitors from *Salvia miltiorrhiza* Bunge. Convegno monotematico SIF, Le basi farmacologiche dei nutraceutici. Napoli 29.30 marzo 2019
32. Marrelli M, Meleleo D, Mallamaci R, Argentieri MP, **Conforti F**, Avato P. *Allium cepa* L. var. Tropea: a source of nutraceuticals with anti-obesity potential. Convegno monotematico SIF, Le basi farmacologiche dei nutraceutici. Napoli 29.30 marzo 2019
- 2018 33. Mariangela Marrelli, Mariapia Argentieri, Pinarosa Avato, Filomena Conforti. *Moricandia arvensis* (L.) DC.: phytochemical profile and potential anti-obesity activity. 113° Congresso della Società Botanica Italiana, V International Plant Science Conference (IPSC) Salerno, 12-15 September 2018, p. 47.
34. Filomena Conforti, Mariangela Marrelli, Giancarlo Statti, Ilaria Chiocchio, Ferruccio Poli. Alimurgic plants from Calabria (Italy): bioactive components and therapeutic potentials in the treatment of inflammatory disorders and obesity. 113° Congresso della Società Botanica Italiana, V International Plant Science Conference (IPSC) Salerno, 12-15 September 2018, p. 43.

- 2017
35. Antonella Muto, Fabrizio Araniti, Mariangela Marrelli, **Filomena Conforti**, Adriana Ada Ceverista Chiappetta, Maria beatrice Bitonti, Leonardo bruno. Genetic and metabolic profile of wild cardoon populations (*Cynara cardunculus* L. subsp. *Cardunculus*) in Calabria region. 112° Congresso della Società Botanica Italiana, IV International Plant Science Conference (IPSC) Parma, 20-23 September 2017, pp. 85.
 36. Mariangela Marrelli, **Filomena Conforti**. *In vitro* antioxidant and anti-obesity potential of *Lobularia maritima* (L.) Desv. XV Congress of the Italian Society of Phytochemistry, 1st International Congress on Edible, Medicinal and Aromatic Plants (ICEMAP 2017) Pisa, 28-30 Giugno 2017, pp. 62.
- 2015
37. Mariangela Marrelli, Francesco Menichini, Marcello Nicoletti, chiara toniolo, **Filomena Conforti**. *Nasturtium officinale* r. Br. subsp. *officinale*: new source of natural inhibitors of pancreatic lipase. 110° Congresso Società Botanica Italiana onlus, Pavia, 14-17 September 2015, pp. 99.
 38. Mariangela Marrelli, Giancarlo A. Statti, Francesco Menichini, **Filomena Conforti**. Phenolic content and *in vitro* anti-inflammatory activity of *Echinophora tenuifolia* L. 110° Congresso Società Botanica Italiana onlus, Pavia, 14-17 September 2015, pp. 100.
 39. Alessandra Guerrini, Lorena Ciraci, Immacolata Maresca, Maietti Annalisa, paola Tedeschi, Ferruccio Poli, Beatrice Lorenzi, **Filomena Conforti**, sacchetti Gianni, Alessandro Grandini. *In vitro* study on new drugs and food supplements from plants used in Sahrawi (Western Sahara) culinary and medicinal tradition. 110° Congresso Società Botanica Italiana onlus, Pavia, 14-17 September 2015, pp. 113.
 40. Mariangella Marrelli, Francesco Menichini, **Filomena Conforti**. *Zingiber officinale* Roscoe: in vitro antiproliferative activity of peel and pulp rhizome hydroalcoholic extracts against human colon carcinoma cells. XIV Congresso della Società Italiana di Fitochimica, Padova, 10-12 giugno 2015, pp. P52.
- 2014
41. **Filomena Conforti**, Mariangela Marrelli, Francesco Menichini. Biovariability of caper species from Calabria: chemical and biological evaluation. Convegno Monotematico Società Italiana Farmacologia – Farmacognosia: nuove opportunità terapeutiche dal mondo vegetale. Napoli, 20-21 giugno 2014, pp. 75.
 42. Mariangela Marrelli, **Filomena Conforti**, Francesco Menichini. Health benefits of wild Mediterranean dietary plants. XVI Congresso Nazionale dei Chimici, Reggio Calabria, 29-31 Maggio 2014, pp. 64-65.
- 2013
43. Mariangela Marrelli, **Filomena Conforti**, Mauro Serafini, Marcello Nicoletti, Francesco Menichini. *Clematis vitalba* L. and pancreatic lipase inhibition activity. XIII Congresso della Società Italiana di Fitochimica, Gargnano (BS), 19-21 Settembre 2013, pp. 105, ISBN: 978-88-97341-44-4.
 44. Mariangela Marrelli, **Filomena Conforti**, Alessandra Guerrini, Renato Bruni, Ferruccio Poli, Francesco Menichini, Massimo Tacchini, Gianni Sacchetti, Giancarlo Statti. Inhibition of hepatic carcinoma by the ayurvedic crude drug *Hemidesmus indicus* R.BR. XIII Congresso della Società Italiana di Fitochimica, Gargnano (BS), 19-21 Settembre 2013, pp. 106, ISBN: 978-88-97341-44-4.
 45. Mariangela Marrelli, **Filomena Conforti**, Mauro Serafini, Marcello Nicoletti, Francesco Menichini. Inhibition of pancreatic lipase activity by two *Capparis* species. 108° Congresso Società Botanica Italiana, Centro Congressi Basella di Piné (Trento), 18-20 Settembre 2013, pp. 183, 978-88-85915-07-7.
 46. C. Genovese, A. Amodeo, S. Mastrojeni, R. Acquaviva, L. Iauk, S. Ragusa, **F. Conforti**, R. Tundis, F. Menichini. Attività antimicrobica dell'estratto di infiorescenze di *Teucrium flavum* L. (Lamiaceae). 108° Congresso Società Botanica Italiana, Centro Congressi Basella di Piné (Trento), 18-20 Settembre 2013, pp. 178, 978-88-85915-07-7.

47. Mariangela Marrelli, Giancarlo Statti, **Filomena Conforti**, Francesco Menichini. Anti-inflammatory and antioxidant activity of *Hypericum perforatum* L. and *Hypericum calabricum* Sprengel from the Sila massif. Convegno "Farmaci e Prodotti per la Salute: Nuove prospettive nella ricerca traslazionale", 8 Aprile 2013, Arcavacata di Rende (CS), pp. P-44.
- 2012
48. **Filomena Conforti**, Mariangela Marrelli, Giancarlo A. Statti, Francesco Menichini, "Dietary and medicinal significance of wild vegetables from Calabria Region (Italy)", ChimALSi 2012, IX° Congresso Nazionale di Chimica degli Alimenti, 3 - 7 Giugno 2012, Ischia (NA), 44.
49. Mariangela Marrelli, Giancarlo A. Statti, Dimitar Uzunov, Rosa Tundis, Francesco Menichini, **Filomena Conforti**, "Variation of bioactive compounds and biological activity of *Ficus carica* L. cv. Dottato aerial parts collected in different months", ChimALSi 2012, IX° Congresso Nazionale di Chimica degli Alimenti, 3 - 7 Giugno 2012, Ischia (NA), 104.
50. Mariangela Marrelli, **Filomena Conforti**, Carmen Formisano, Daniela Rigano, Felice Senatore, Maurizio Bruno, Francesco Menichini, "Labdane diterpenoids from *Marrubium globosum* ssp. *libanoticum* as inhibitors of proliferation of melanoma cells", Congresso Interdisciplinare sulle Piante Medicinali, 31 Maggio – 2 Giugno 2012, Cetraro (CS), pp. 82.
51. Vincenzo Mastellone, Giancarlo A. Statti, **Filomena Conforti**, Rosa Tundis, Monica R. Loizzo, Pietro Lombarda, Francesco Menichini, Luigi Avallone, "Effetti dell'*Aloe arborescens* sulla qualità del colostro nella bufala", Congresso Interdisciplinare sulle Piante Medicinali, 31 Maggio – 2 Giugno 2012, Cetraro (CS), pp. 83.
52. Stefania Sinicropi, Dimitar Uzunov, **Filomena Conforti**, Lina pecora, Valentina Perri, Mariangela Marrelli, Giancarlo Statti, Francesco Menichini, "Le piante della tradizione popolare come risorsa per l'agricoltura e l'industria", Congresso Interdisciplinare sulle Piante Medicinali, 31 Maggio – 2 Giugno 2012, Cetraro (CS), pp. 112.
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117. Federica Menichini, Rosa Tundis, Marco Bonesi, Monica R. Loizzo, **Filomena Conforti**, Giancarlo Statti, Bruno De Cindio, Peter J. Houghton and Francesco Menichini. The influence of fruit ripening on the phytochemical content and biological activity of *Capsicum chinense* Jacq. cv Habanero. Food Chemistry, 2009, 114, 553-560.
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120. Federica Menichini, **Filomena Conforti**, Daniela Rigano, Carmen Formisano, Franco Piozzi, Felice Senatore. Phytochemical composition, anti-inflammatory and cytotoxic activities of four *Teucrium* essential oils from Greece. Food Chemistry, 2009, 115, 679-686.
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122. **Filomena Conforti**, Silvio Sosa, Mariangela Marrelli, Federica Menichini, Giancarlo A. Statti, Dimitar Uzunov, Aurelia Tubaro, Francesco Menichini. The protective ability of Mediterranean dietary plant against the oxidative damage: the role of radical oxygen species on inflammation and the polyphenol, flavonoid and sterol content. Food Chemistry, 2009, 112 (3), 587-594.
- 2008 123. Rosa Tundis, Monica R Loizzo, Marco Bonesi, Federica Menichini, **Filomena Conforti**, Giancarlo Statti and Francesco Menichini. Natural products as gastroprotective and antiulcer agents: recent developments. Natural Product Communications, 2008, 3 (12), 2129-2144.

124. **Filomena Conforti**, Federica Menichini, M. Rosa Loizzo, A. Giancarlo Statti, Antonio Rapisarda, Francesco Menichini, and Peter J. Houghton. Antioxidant, α -amylase inhibitory and brine-shrimp toxicity studies on *Centaurea centaurium* L. methanolic root extract. *Natural Product Research*, 2008, 22 (16), 1457-1466.
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- 2006
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 134. **Filomena Conforti**, Monica R. Loizzo, Giancarlo Statti, Houghton Peter J., Francesco Menichini. Biological Properties of Different Extracts of Two *Senecio* Species. *International Journal of Food Sciences and Nutrition*, 2006, 57 (1/2), 1-8.
 135. **Filomena Conforti**, Mariangela Marrelli, Giancarlo Statti, Francesco Menichini. Antioxidant and cytotoxic activities of methanolic extract and fractions from *Senecio gibbosus* subsp. *gibbosus* (GUSS) DC. *Natural Product Research*, 2006, 20 (9), 805-812.
- 2005
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137. Rosa Tundis, Nicodemo G. Passalacqua, Lorenzo Peruzzi, Giancarlo A. Statti, Marco Bonesi, Monica R. Loizzo, **Filomena Conforti**, Giuliano Cesca, Francesco Menichini. Comparative chemical variability of the non polar extracts from *Senecio cineraria* group (Asteraceae). *Biochemical Systematics and Ecology*, 2005, 33, 1071-1076.
 138. **Filomena Conforti**, Giancarlo Statti, Monica R. Loizzo, Gianni Sacchetti, Ferruccio Poli, Francesco Menichini. In vitro antioxidant effect and inhibition of α -amylase of two varieties of *Amaranthus caudatus* seeds. *Biological & Pharmaceutical Bulletin*, 2005, 28 (6), 1098-1102.
 139. Rosa Tundis, Giancarlo A. Statti, **Filomena Conforti**, Alberto Bianchi, Caterina Agrimonti, Gianni Sacchetti, Maria Muzzoli, Mauro Ballero, Francesco Menichini, Ferruccio Poli. Influence of the environmental factors on composition of volatile constituents and biological activity of *Helichrysum italicum* (roth) don (Asteraceae). *Natural Product Research*, 2005, 19 (4), 379-387.
 140. **Filomena Conforti**, Giancarlo A. Statti, Rosa Tundis, Alberto Bianchi, Caterina Agrimonti, Gianni Sacchetti, Eugenio Andreotti, Ferruccio Poli, Francesco Menichini. Comparative chemical composition and variability of biological activity of methanolic extracts from *Hypericum perforatum* L.. *Natural Product Research*, 2005, 19 (3), 295-303.
- 2004
141. Monica R. Loizzo, Giancarlo A. Statti, Rosa Tundis, **Filomena Conforti**, Sebastiano Ando', Francesco Menichini. Antimicrobial activity and cytotoxicity of *Cirsium tenoreanum* petrak. *Fitoterapia*, 2004, 75, 577-80.
 142. **Filomena Conforti**, Giancarlo A. Statti, Rosa Tundis, Monica R. Loizzo, Marco Bonesi, Francesco Menichini and Peter J. Houghton. Antioxidant and Cytotoxic activities of *Retama raetam* subsp. *gussonei*. *Phytotherapy Research*, 2004, 18 (7), 585-587.
 143. Giancarlo A. Statti, **Filomena Conforti**, Gianni Sacchetti, Maria Muzzoli, Caterina Agrimonti, Francesco Menichini. Chemical and biological diversity of bergamot (*Citrus bergamia*) in relation to environmental factors. *Fitoterapia*, 2004, 75 (2), 212-216.
 144. Monica R. Loizzo, Giancarlo A. Statti, Rosa Tundis, **Filomena Conforti**, Marco Bonesi, Giovanni Autelitano, Peter J. Houghton, Ana Miljkovic-Brake, Francesco Menichini. Antimicrobial and Antifungal Activity of *Senecio inaequidens* DC and *Senecio vulgaris* L.. *Phytotherapy Research*, 2004, 18, 777-779.
- 2002
145. **Filomena Conforti**, Giancarlo A. Statti, Rosa Tundis, Francesco Menichini, Peter J. Houghton. Antioxidant activity from *Hypericum triquetrifolium* Turra aerial part. *Fitoterapia*, 2002, 73 (6), 479-483.
- Books
1. **Filomena Conforti**. Integratori Alimentari di Origine Vegetale. The Writer Ed., Milano, Italy, 2011. ISBN: 978-88-97341-03-1.
 2. **Filomena Conforti**. Botanica Farmaceutica Applicata. The Writer Ed., Milano, Italy, 2011. ISBN: 978-88-97341-04-8.
 3. **Filomena Conforti**. Le Piante e le Medicine Complementari. The Writer Ed., Milano, Italy, 2012. ISBN: 978-88-97341-21-5.
- Book Chapter
1. **Filomena Conforti**, Francesco Menichini
Foods of plant origin as source of nitric oxide production inhibitors. In: Handbook of Nutritional Biochemistry: Genomics, Metabolomics and Food Supply. S. Haugen, S. Meijer (Eds).
Nova Science Publishers, Inc., 2010, pp. 385-403.
- Editorial
- Filomena Conforti**. Natural Products, Especially Fruits and Vegetables are an Excellent Source of Chemical Structures with a Wide Variety of Biological Activity, Including Inhibition of Nitric Oxide Production. *Biochemistry & Pharmacology*, 2012, 1:e113. doi:10.4172/bcpc.1000e113.

STATISTICAL DATA ON SCIENTIFIC PRODUCTION

H-INDEX (Hirsch Number): **42** (144 publications - Scopus)
Citations: 5512 (144 publications - Scopus)

Member of Scientific Society :

Italian Society of Phytochemistry (SIF) (Member of the Board of Directors for the period 2013-2015; 2016-2018).

Italian Society of Botany (SBI)

Phytochemical Society of Europe (PSE)

Collaboration with Research Centers

1. Center for Bioactivity Screening of Natural Products, Faculty of Pharmacy, King's College, London, UK;
2. Laboratoire de Pharmacognosie, de Bromatologie et de Nutrition Humaine, Université Libre de Bruxelles, Belgique;
3. Université René Descartes – Paris V Faculté des Sciences Pharmaceutiques et Biologiques.
4. School of Traditional Chinese Pharmacy, laboratory of Method of Development and optimization of Extraction of Medicinal Plants diretto dal prof. Kong, Ling-Yi, China Pharmaceutical University – Nanchino (Repubblica Popolare Cinese).
5. Department of Chemistry, Faculty of Sciences II, Lebanese University, Beirut, Lebanon;

Research Projects

2022-2025 Principal Investigators for University of Calabria ERASMUS+ KA2 project Cooperation for innovation and the exchange of good practices. Project 2022-1-RO01-KA220-HED-000088958. Project title: Cooperation to implement innovative methods for the assessment of medicinal plants with central roles in pharmaceuticals, agriculture and nutrition points. Funded European Community. Duration: 36 months.

2022-2024 Principal Investigators for University of Calabria ERASMUS+ KA2 project Cooperation for innovation and the exchange of good practices. Project 2021-1-RO01-KA220-VET-000028008. Project title: Methods to reduce food waste in flour products by developing the specific competence of specialists in the sector. Funded European Community. Duration: 24 months.

2020-2022 Principal Investigators for University of Calabria ERASMUS+ KA2 project Cooperation for innovation and the exchange of good practices. Project 2020-1-RO01-KA203-080172. Project title: BYPRODUCTS Strategies regarding the Valorization of Horticultural and Agricultural By-Products as Functional Foods in the Context of a Circular Economy. Funded European Community. Duration: 24 months.

2019-2022 Participant at ERASMUS+ KA2 Project Cooperation for innovation and the exchange of good practices. Project; 2019-R001-KA203-063499. Project title: Hypoglycemia Cooperation on innovation and exchange of good practice in the hypoglycemia diet for people with diabetes. Funded European Community. Duration: 36 months.

2014 Principal Investigators of the Research Project titled: PHYTOCALABRIA: New Technologies for the development of Food supply from agricultural waste, founded by Calabria Region. Duration 12 months.

2012 Principal Investigators of the Research Project titled: "New natural compounds useful in the prevention and treatment of cancer: isolation, characterization and development of active molecules from species of the Heliantheae tribe" funded by University of Calabria with D.R. 23 Luglio 2012. Duration: 12 months.

2012 Participant of the Research Unit and development of the Proteomic and genomic laboratory in the S.I.L.A. project (PON-Infrastructure).

2011/2013 Participant of the Research Unit of the PRIN 2009 Project prot. 2009LR9YLF_003 titled: "Phytochemical characterization (fingerprinting) and bioactivity profile (quality, safety and efficacy) of Ayurvedic plant crude drugs purchased from herbal market. Development of innovative formulations (artificial phytocomplexes) and bioactive compounds production by chemical synthesis and/or biotransformation of phytocomplexes, fractions and isolated compounds from extracts of Ayurvedic plant crude drugs" funded from MIUR. Duration: 24 months.

2011 Participant of the Research Unit of the Project titled: "The wild artichoke (*Cynara cardunculus* subsp. *cardunculus*) as a source of active ingredients for anti-proliferative activity in chronic myeloid leukemia" funded from Department of Agriculture of the Province of Reggio Calabria. Duration: 12 months.

2009/2012 Participant of the Research Unit of the Project titled: "Introduction in the cultivation of the wild dietary Calabrian plants" funded from Calabrian Region. Duration: 36 months.

2010-2012 Participant of the Research Unit of the Project Ministry of Health - 2007 Program for Research on Drugs, Medical Practices and Substances can be used for doping in sports- "substances of natural origin and character similar to doping: new methods of detection and creation of a database identification. Epidemiological investigation in amateur athletes ". Duration: 24 months.

2008/2010 Participant of the Research Unit of the Joint project between the University of Calabria and Mediterranean University RC funded from Department of Agriculture of the Province of Reggio Calabria, entitled: "Galanthus reginae olga as a source of galantamine". Duration: 24 months.

2008/2009 Participant of the Research Unit of the Project "substances of natural origin and character similar to doping: new methods of detection and creation of a database identification. Epidemiological investigation in amateur athletes" funded by Ministry of Health - 2007 Program for Research on Drugs, Medical Practices and Substances can be used for doping in sports. Duration 24 months.

2007/2009 Participant of the Research Unit of the Project titled: "-Phytochemical and biological characterization and Biodiversity of Cedro (*Citrus medica* L. var. Diamante) Produced in Calabria: Biodiversity, Pharmaceutical, cosmetological and food perspectives" funded by Ministry of Agriculture, Food and Forestry. Duration: 36 months.

2005/2007 Participant of the Research Unit of the Project titled: "Phytochemical and biological evaluation of endemic Calabrian citrus species: biodiversity and characterization of the neuropharmacological profile", funded from Calabrian Region. Duration: 24 months.

2004/2005 Participant of the Research Unit of the Project titled: "Biodiversità di piante di interesse farmaceutico coltivate in Calabria (*Glicyrrhiza glabra* L.), e modificazione strutturale di markers ad alto valore aggiunto", finanziato dalla fondazione CARICAL. Duration: 12 months.

2003/2004 Participant of the Research Unit of the Project titled: "Biodiversity of plants of pharmaceutical interest grown in Calabria (*Glicyrrhiza glabra* L.), and structural modification of markers with high added value ", funded from the CARICAL foundation. Duration: 12 months.

2000/2001 Participant of the Research Unit of the Project titled: POM B29- Multiregional Operational Programme - Measure 2: Technological Innovation and Transfer of Research Results "Characterization of Biodiversity of Plants of pharmaceutical interest of Calabria and Sardinia" funded from the European Community in collaboration with the Ministry of Agriculture and Forestry and the National Institute of Agricultural Economics. Duration: 24 months.

REVIEWER

International Journal

- Archiv der Pharmazie
- Bioorganic and Medicinal Chemistry Letters
- Brazilian Journal of Medical and Biological Research
- European Food Research and Technology
- Fitoterapia
- Food and Chemical Toxicology
- Food Chemistry
- Journal of Agricultural and Food Chemistry
- Journal of Enzyme Inhibition and Medicinal Chemistry
- Journal of Food Biochemistry
- Journal of Food Composition and Analysis
- Journal of Medicinal Food
- Mini-review in Medicinal Chemistry
- Molecules
- Natural Product Communication
- Natural Product Research
- Pharmaceutical Biology
- Pharmacological Research
- Plant Food for Human Nutrition

PhD School

- 2013 – Revisore per la procedura di selezione dei dottorandi del XXIX ciclo (2013) per la School of Advanced Studies dell'Università di Camerino.

Research Projects

- 2010 – Revisione di un progetto di ricerca BARD Proposal, Binational Agricultural Research and Development Fund. UNITED STATES – ISRAEL.
- 2012 – Revisione di 10 Progetti di Ricerca per il Romanian National Council for Scientific Research, The National Plan for Research, Development and Innovation 2007-2013, PNII.
- 2013 – Revisione di 4 Progetti di Ricerca per il Romanian National Council for Scientific Research, The National Plan for Research, Development and Innovation 2007-2013, PNII.

Consulting service

2013- Responsible for the activity in outsourcing commissioned by Nb Natural Beauty, Avenue De la gare 32, CH-1950 SION- Svizzera Titled: Collection, phytochemical and biological study conducted on flowers of prickly pears (*Opuntia ficus-indica*).

2019 - Responsible for the activity in outsourcing commissioned by Eccellenze Sibarite company.

2021 - Responsible for the activity in outsourcing commissioned by Società Agricola F.LI Aceto company.

The undersigned authorizes this institution to process the personal information provided solely for the purposes of the management process that can be issued, under Articles 10 and 12 of the Act. No. 196/2003.