

**CURRICULUM
VITAE
EUROPEAN
FORMAT**



PERSONAL INFORMATION

First name / Surname **SCARANO PIERPAOLO**

Address

Telephone

Cellular

E-mail

Nationality

Date of birth

Gender

WORK EXPERIENCE

Dates 30-31/01/2023

Company and activities carried out *International conference GENUINE - GLOBAL STRATEGY FOR THE CONSERVATION AND USE OF FRUIT TREE GENETIC RESOURCES - University of Sannio, Benevento, Italy*

Main tasks and responsibilities *Organising Committee and Scientific Committee*

Dates 09/2022 - 02/2024

Company and activities carried out *Lecturing at the University of Sannio, Department of Science and Technology within the professional degree course in Food Technology for Confectionery Production*

Type of business or sector *DISCIPLINARY SCIENTIFIC SECTOR: CHIM/01 ANALITICAL CHEMISTRY*

Main tasks and responsibilities *Assignment of the teaching of LABORATORY OF ANALYTIC CHEMISTRY TECHNIQUES, 9-CFU, 72 hours, activated in the Academic Year 2022/2023, Study Course in Food Technology for Confectionery Production - Year I - Semester II.*

Dates 08/2022 - 08/2023

Company and activities carried out *Post-doctoral researcher at the University of Sannio with a research grant entitled "Characterisation, analysis, qualitative-quantitative evaluation of the biochemical and molecular values of the different accessions (RGV) provided within the scope of the targeted action a10 (Update and implementation of the database) of the DiCoVaLe Projec*

Type of business or sector *DISCIPLINARY SCIENTIFIC SECTOR: BIO/02 SYSTEMATIC BOTANY*

Main tasks and responsibilities	<i>Activities that fall under Action 10 of the DiCoVaLe project as 'Updating and implementation of the database www.genidellacampania.it with results from the targeted actions under the project'.</i>
Dates	<i>01/2018 - 06/2018</i>
Company and activities carried out	<i>Tutor for the company Bio NAET S.r.l.s. in the School-Work Alternation projects</i>
Type of business or sector	<i>Tutor with skills in the areas: SCIENTIFIC RESEARCH AND DEVELOPMENT PROFESSIONAL, SCIENTIFIC AND TECHNICAL ACTIVITIES</i>
Main tasks and responsibilities	<i>Tutor and Coordinator of ASL Projects</i>
Dates	<i>05/2006 - 08/2006</i>
Company and activities carried out	<i>Salesman, Mountain Technical sector, for Decathlon Italia S.r.l.</i>
Type of business or sector	<i>Employee for the unloading of goods for Decathlon Italia S.r.l.</i>
Main tasks and responsibilities	<i>I carried out a training course aimed at workplace safety and a training course for loading and unloading goods. During the duration of my contract I have also held the role of technical seller in the Mountain Technical sector.</i>

DRIVING LICENCE

Driving license (B + A license: cars and motorcycles)

I authorize the processing of my personal data concerning the Legislative Decree 30 June 2003, n. 196 "Code regarding the protection of personal data".

Dichiarazione sostitutiva dell'atto di notorietà (artt. 46 e 47 D.P.R. n.445/2000)

Le dichiarazioni e le attestazioni di cui sopra sono effettuate ai sensi degli artt. 46 e 47 D.P.R. n.445/2000.

Il sottoscritto Pierpaolo Scarano, nato a Napoli (NA) il 11/05/1986 e residente a Napoli (NA) in Via della scesa dei pastori n.7, C.A.P 80131, è consapevole delle sanzioni penali previste dall'art. 76 del citato D.P.R. per le ipotesi in atti e dichiarazioni mendaci.



TITLE LIST

EDUCATION AND TRAINING

Dates	12/2018 – 07/2022
Name and type of organisation providing educational and training	University of Sannio, Department of Science and Technology
Principal subjects / occupational skills covered	I will do a thesis work on the topic 'Bioactive molecules from vegetable and animal matrices: Recovery, Characterization and Valorization'.
Level in national or international classification	PhD title
Dates	09/2014 - 03/2018
Name and type of organisation providing educational and training	University of Naples 'Federico II', School of Science, Mathematics, Physics and Natural. Department of Chemical Sciences
Principal subjects / occupational skills covered	I did a thesis entitled 'Metal-binding systems as contrast media in diagnostics (MRI)', Prof. Carla Manfredi was my tutor. The main topics covered were: - Thermodynamic study on the metal-DOTA system; - Potentiometric, coulombometric, volumetric, UV-Vis (absorption and emission) and IR spectrophotometric, mass spectrometry (LC-MS / TOF and MALDI) analysis.
Level in national or international classification	LM-54 – Master's Degree in Chemical Sciences
Level in national classification	Voting achieved: 105/110
Dates	09/2004 - 06/2014
Name and type of organisation providing educational and training	University of Naples 'Federico II', School of Science, Mathematics, Physics and Natural. Department of Chemical Sciences
Principal subjects / occupational skills covered	I carried out a thesis entitled 'Acid-base characterization of 4-methyl-7-pentafluorophenyl-2H-[1,2,4] triazole [3,2-c][1,2,4] triazole', Prof. Carla Manfredi was my tutor. The main topics covered were: - Acid-base characterization of TT2; - Potentiometric, coulombometric, volumetric, UV-Vis (absorption and emission) and IR spectrophotometric analysis.
Level in national or international classification	1st level degree - Degree/Bachelor
Level in national classification	Voting achieved: 89/110
Pre-university studies	Secondary school diploma: SCIENTIFIC CERTIFICATE School-leaving examination taken in (year): 2004 Italian secondary school diploma

**PERSONAL SKILLS AND
COMPETENCES**

Acquired in the life and career course.

MOTHER TONGUE

ITALIAN

OTHER LANGUAGE

ENGLISH - English language course for international certifications

Date

22/07/2015

Rating

Certified Training Course organized and issued by CILA

European level

Writing, reading, oral and level understanding B1.2

**SOCIAL SKILLS AND
COMPETENCES**

I am able to live and work with other people, in a multicultural environment, occupying places where communication is important and in situations where teamwork is essential.

**ORGANISATIONAL SKILLS AND
COMPETENCES**

My training and professional experience have allowed me to achieve a good organizational capacity to carry out the projects that have involved me. I can autonomously organize the work, define the priorities and assume the responsibilities in the management of the activities, respecting the deadlines and the objectives set. I have acquired, in this context, the ability to work in stressful situations.

**COMPUTER SKILLS AND
COMPETENCES**

Knowledge of operating systems: Microsoft: Windows XP - Windows Vista - Windows 7 - Windows 8 - Windows 10 - Windows 10.1; Apple: Mac OS;
Knowledge related to operating systems: File management - Computer networks - Internet Networks (Internet Explorer - Google Chrome - Mozilla Firefox) - Email;
Microsoft Software (Office 2003/2007/2010/2013/2016): Microsoft Access - Microsoft Excel - Microsoft FrontPage - Microsoft Groove - Microsoft InfoPath - Microsoft OneNote - Microsoft Outlook - Microsoft PowerPoint - Microsoft Publisher - Microsoft Word;
Microsoft Expression 4 Series Software: Microsoft Blend - Microsoft Design - Microsoft Encoder - Microsoft Web;
Adobe Software: CS3, CS4, CS5 series;
Software (other): OriginPro 8, Origin 2018;
Software to analytical hardware management: PerkinElmer - Agilent - Jasco;
Software to analytical data management: Spekwin32 - ArgusLab - ChemSketch - TmoleX - Jascow32 - EPW - Metrohm 797 VA Computrace - AMDIS 32 - Hyperquad Simulation and Speciation (HySS) - HypSpec - HYPERQUAD 2008 - ChemOffice 12 - G3335AA MassHunter Qualitative analysis software B 02.00 Build 197;

all of Excellent level.

**ATTESTATIONS AND
CERTIFICATIONS**

Dates

19/12/2018

Name

PROFESSIONAL QUALIFICATION (SEZ. A)

passed the government exam and licensed as a profession chemist.



Dates 12-18/05/2018
Name **DIGITAL MARKETING**
Certified Training Course on Digital Marketing
Certified Training Course organized and issued by IAB Europe and Google Digital Training
The course consists of 26 modules that include the acquisition of notions about digital marketing: e-mail marketing, social media, video advertising, e-commerce and analytics.

Dates 04-05/04/2016
Name **ADVANCED TRAINING COURSE ON EMERGING BIOTECHNOLOGIES FOR SUSTAINABLE WASTE MANAGEMENT AND BIOREFINERY DEVELOPMENT**
Certified Training Course on EMERGING BIOTECHNOLOGIES FOR SUSTAINABLE WASTE MANAGEMENT AND BIOREFINERY DEVELOPMENT
Certified Training Course organized and issued by BIOASSORT (Organization by IUPAC CHEMRAWN COMMITTEE)

Dichiarazione sostitutiva dell'atto di notorietà (artt. 46 e 47 D.P.R. n.445/2000)

Le dichiarazioni e le attestazioni di cui sopra sono effettuate ai sensi degli artt. 46 e 47 D.P.R. n.445/2000.

Il sottoscritto Pierpaolo Scarano, nato a Napoli (NA) il 11/05/1986 e residente a Napoli (NA) in Via della scesa dei pastori n.7, C.A.P 80131, è consapevole delle sanzioni penali previste dall'art. 76 del citato D.P.R. per le ipotesi in atti e dichiarazioni mendaci.



LIST OF SCIENTIFIC PUBLICATIONS

- Date and Place *11/09/2014 – Italian Chemical Society – XXV National Congress – Poster*
- Name and authors of the work **Acid base characterization of triazolo-triazole heterocyclic systems**
*C. Manfredi^a, R. Centore^a, E. Vasca^b, C. Maglione^a, S. Volino^a, P. Scarano^a
a Dipartimento di Scienze Chimiche, Università di Napoli “Federico II”, Via
Cintia s.n.c., 80126 Napoli, Italia
b Dipartimento di Chimica e Biologia, Università degli Studi di Salerno, Via
Giovanni Paolo II 132, Cap 84084, Fisciano (SA), Italia*
- Date and Place *15/09/2015 – Italian Chemical Society – XXV Congress of Analytical Chemistry
Division – Oral Presentation*
- Name and authors of the work **Thermodynamic study on triazolo-triazole heterocyclic systems**
*C. Manfredi¹, R. Centore¹, E. Vasca², S. Volino¹, P. Scarano¹, I. Sorrentino¹
1 Dipartimento di Scienze Chimiche, Università di Napoli “Federico II”, Via
Cintia s.n.c., 80126 Napoli, Italia
2 Dipartimento di Chimica e Biologia, Università degli Studi di Salerno, Via
Giovanni Paolo II 132, Cap 84084, Fisciano (SA), Italia*
- Date and Place *19/09/2016 – Italian Chemical Society – XXVI Congress of Analytical
Chemistry Division – Poster*
- Name and authors of the work **Photoacid switching in fused-ring N-rich aromatics**
*C. Manfredi¹, M.V. Ferrara¹, S. Volino¹, P. Scarano¹, C. Pepe¹, R. Centore¹,
A. Peluso², A. Capobianco²
1 Dipartimento di Scienze Chimiche, Università di Napoli “Federico II”, Via
Cintia s.n.c., 80126 Napoli, Italia
2 Dipartimento di Chimica e Biologia, Università degli Studi di Salerno, Via
Giovanni Paolo II 132, Cap 84084, Fisciano (SA), Italia*
- Date and Place *19/09/2018 – Italian Chemical Society – XXVII Congress of Analytical
Chemistry Division – Poster*
- Name and authors of the work **On metal-ligand system as contrast agents in diagnostics (MRI)**
*P. Scarano¹, C. Manfredi¹, A. Amoresano¹, M. Trifuoggi¹, G. Pinto¹, S. Volino¹
1 Dipartimento di Scienze Chimiche, Università di Napoli “Federico II”, Via
Cintia s.n.c., 80126 Napoli, Italia*
- Date and Place *29/04/2019 –Paper*
- Submitted to *Food Research International*
- Name and authors of the work **Extractor Naviglio[®], new prospective for the extraction of phenolic
compounds in the peel and pulp of the Sicilian prickly pear (*Opuntia ficus-
indica* (L.) Mill.)**
*Pierpaolo Scarano^a, Daniele Naviglio^b, Antonello Prigioniero^a,
Giuseppe Baiamonte^a, Rosaria Sciarrillo^a and Carmine Guarino^a*



	<p><i>a Department of Science and Technology, University of Sannio, Via Port'Arsa 11, 82100 Benevento, Italy</i></p> <p><i>b Department of Chemical Science, University of Naples 'Federico II', Via Cupa Nuova Cintia 21, Napoli, Italy</i></p>
Date and Place	26/05/2019 –Review
Submitted to	Foods
Name and authors of the work	<p>Rapid Solid-Liquid Dynamic Extraction (RSLDE): A Powerful and Greener Alternative to the Latest Solid-Liquid Extraction Techniques</p> <p><i>Daniele Naviglio¹, Pierpaolo Scarano², Martina Ciaravolo¹, Monica Gallo³</i> <i>1 Department of Chemical Science, University of Naples 'Federico II', Via Cintia, Monte S. Angelo Complex, 80126 Napoli, Italy</i> <i>2 Department of Science and Technology, University of Sannio, Via Port'Arsa 11, 82100 Benevento, Italy</i> <i>3 Department of Molecular Medicine and Medical Biotechnology, University of Naples 'Federico II', Via Pansini 5, Napoli, Italy</i></p>
Date and Place	05-07/06/2019 – Biomaterial National Congress 2019 – Presentation
Name and authors of the work	<p>Synthesis and characterization of a new complex of Iron (II) citrate as a food supplement to offset Iron deficiencies</p> <p><i>Daniele Naviglio¹, Pierpaolo Scarano², Martina Ciaravolo¹, Catauro M.³, Barrino F.³, Monica Gallo⁴</i> <i>1 Department of Chemical Science, University of Naples 'Federico II', Via Cintia, Monte S. Angelo Complex, 80126 Napoli, Italy</i> <i>2 Department of Science and Technology, University of Sannio, Via Port'Arsa 11, 82100 Benevento, Italy</i> <i>3 Department Engineering, University of Campania "Luigi Vanvitelli", Via Roma 29, 81031, Aversa, Italy</i> <i>4 Department of Molecular Medicine and Medical Biotechnology, University of Naples 'Federico II', Via Pansini 5, Napoli, Italy</i></p>
Date and Place	24-26/06/2019 – Summer School 2019 UniVR – Valorization of by-products from agri-food supply chains for the development of functional ingredients, foods and nutraceuticals – University of Verona - PhD course in Biotechnology – Poster and Oral presentation
Name and authors of the work	<p>The prickly pear (<i>Opuntia ficus-indica</i> (L.) Mill.): an example of source of bioactive compounds obtained using conventional and eco-innovative extractions</p> <p><i>Pierpaolo Scarano^a, Daniele Naviglio^b, Rosaria Sciarriello^a and Carmine Guarino^a</i> <i>a Department of Sciences and Technologies, University of Studies of Sannio, Via Francesco de Sanctis, s.n.c., 82100, Benevento, Italy</i> <i>b Department of Chemical Science, University of Naples 'Federico II', Via Cupa Nuova Cintia 21, Napoli, Italy</i></p>
Date and Place	04-06/09/2019 – Italian Botanical Society Onlus – 114 ^o Congress of Botanical Society Onlus – Poster
Name and authors of the work	<p>The prickly pear peel (<i>Opuntia ficus-indica</i> (L.) Mill.): an example of source of a bioactive compounds obtained using an eco-innovative extraction technology, Extractor Naviglio[®]</p> <p><i>Pierpaolo Scarano^a, Daniele Naviglio^b, Rosaria Sciarriello^a and Carmine Guarino^a</i></p>



	<p><i>a Department of Sciences and Technologies, University of Studies of Sannio, Via Francesco de Sanctis, s.n.c., 82100, Benevento, Italy</i></p> <p><i>b Department of Chemical Science, University of Naples 'Federico II', Via Cupa Nuova Cintia 21, Napoli, Italy</i></p>
Date and Place	22-26/09/2019 – Italian Chemical Society – XXVIII Congress of Analytical Chemistry Division – Oral
Name and authors of the work	<p>The prickly pear peel (<i>Opuntia ficus-indica</i> (L.) Mill.): an example of source of a bioactive compounds obtained using an eco-innovative extraction technology, Extractor Naviglio®</p> <p><i>Pierpaolo Scarano^a, Antonello Prigioniero^a, Daniele Naviglio^b, Monica Gallo^c, Rosaria Sciarrillo^a and Carmine Guarino^a</i></p> <p><i>a Department of Sciences and Technologies, University of Studies of Sannio, Via Francesco de Sanctis, s.n.c., 82100, Benevento, Italy</i></p> <p><i>b Department of Chemical Science, University of Naples 'Federico II', Via Cupa Nuova Cintia 21, Napoli, Italy</i></p> <p><i>c Department of Molecular Medicine and Medical Biotechnology, University of Naples 'Federico II', Napoli, Italy</i></p>
Date and Place	28-29/11/2019 – Separation Science Meetings – Poster
Name and authors of the work	<p>Wild edible plants: a source of bioactive compounds obtained by eco-innovative extraction and separation technologies</p> <p><i>Pierpaolo Scarano^a, Antonello Prigioniero^a, Maria Tartaglia^a, Rosaria Sciarrillo^a and Carmine Guarino^a</i></p> <p><i>a Department of Sciences and Technologies, University of Studies of Sannio, Via Francesco de Sanctis, s.n.c., 82100, Benevento, Italy</i></p>
Date and Place	07/04/2020 – Paper
Submitted to	<i>Agronomy</i>
Name and authors of the work	<p>Sustainability: Obtaining Natural Dyes from Waste Matrices Using the Prickly Pear Peels of <i>Opuntia ficus-indica</i> (L.) Miller</p> <p><i>Pierpaolo Scarano^a, Daniele Naviglio^a, Antonello Prigioniero^a, Maria Tartaglia^a, Alessia Postiglione^a, Rosaria Sciarrillo^a and Carmine Guarino^a</i></p> <p><i>a Department of Science and Technology, University of Sannio, Via Port'Arsa 11, 82100 Benevento, Italy</i></p> <p><i>b Department of Chemical Science, University of Naples 'Federico II', Via Cupa Nuova Cintia 21, Napoli, Italy</i></p>
Date and Place	10/04/2020 – Paper
Submitted to	<i>Agronomy</i>
Name and authors of the work	<p>Poaceae with PGPR Bacteria and Arbuscular Mycorrhizae Partnerships as a Model System for Plant Microbiome Manipulation for Phytoremediation of Petroleum Hydrocarbons Contaminated Agricultural Soils</p> <p><i>Carmine Guarino^a, Mario Marziano^a, Maria Tartaglia^a, Antonello Prigioniero^a, Alessia Postiglione^a, Pierpaolo Scarano^a and Rosaria Sciarrillo^a</i></p> <p><i>a Department of Science and Technology, University of Sannio, Via Port'Arsa 11, 82100 Benevento, Italy</i></p>



Date and Place	03/05/2020 – Paper
Submitted to	<i>Journal of Ethnobiology and Ethnomedicine</i>
Name and authors of the work	Ethnobotany of dye plants in Southern Italy, Mediterranean Basin: floristic catalog and two centuries of analysis of traditional botanical knowledge heritage <i>A. Prigioniero¹, A. Geraci², R. Schicchi², M. Tartaglia¹, D. Zuzolo¹, P. Scarano¹, M. Marziano¹, A. Postiglione¹, R. Sciarrillo¹ and C. Guarino¹</i> <i>1 Department of Science and Technology, University of Sannio, Via Port'Arsa 11, 82100 Benevento, Italy</i> <i>2 Department of Agricultural, Food and Forestry Sciences, University of Palermo, Viale delle Scienze, Ed, Palermo, 490128, Italy</i>
Date and Place	30/06/2020 – Review
Submitted to	<i>Harvard Papers in Botany</i>
Name and authors of the work	Plants Named “Lotus” in Antiquity: Historiography, Biogeography, and Ethnobotany <i>Antonello Prigioniero¹, Pierpaolo Scarano¹, Valentino Ruggieri², Mario Marziano¹, Rosaria Sciarrillo¹, Carmine Guarino¹</i> <i>1 Department of Science and Technology, University of Sannio, via Port'Arsa 11, 82100 Benevento, Italy</i> <i>2 Centre for Research in Agricultural Genomics (CRAG), Barcellona, Spain</i>
Date and Place	02/09/2020 – Paper
Submitted to	<i>Plant Biosystems</i>
Name and authors of the work	Role of historic gardens in biodiversity conservation strategy: the example of the Giardino Inglese of Reggia di Caserta (UNESCO) (Italy) <i>Antonello Prigioniero^a, Rosaria Sciarrillo^a, Letteria Spuria^b, Daniela Zuzolo^a, Mario Marziano^a, Pierpaolo Scarano^a, Maria Tartaglia^a and Carmine Guarino^a</i> <i>a Department of Science and Technology, University of Sannio, Via Port'Arsa 11, 82100 Benevento, Italy</i> <i>b Ministero per i beni e le attività culturali, Caserta, Italy</i>
Date and Place	09-11/09/2020 – Italian Botanical Society Onlus – 115° Congress of Botanical Society Onlus – Oral
Name and authors of the work	The recovery of sumac (<i>Rhus coriaria</i> L.), an ancient dye plant. A conventional method and an innovative method compared for extraction and dyeing with sumac extracts. <i>Pierpaolo Scarano¹, Rosario Schicchi², Antonello Prigioniero¹, Maria Tartaglia¹, Alessia Postiglione¹, Rosaria Sciarrillo¹ and Carmine Guarino¹</i> <i>a Department of Sciences and Technologies, University of Studies of Sannio, Via Francesco de Sanctis, s.n.c., 82100, Benevento, Italy</i> <i>b Department of Agricultural, Food and Forestry Sciences, University of Palermo, Viale delle Scienze, Ed, Palermo, 490128, Italy</i>



Date and Place	27/10/2020 - Paper
Submitted to	<i>Plant Biosystems</i>
Name and authors of the work	More nature in the city <i>Capotorti, G., Bonacquisti, S., Abis, L., ...Vincenzi, F., Blasi, C.</i>
Date and Place	08-10/09/2021 – Italian Botanical Society Onlus – 116° Congress of Botanical Society Onlus – Oral
Name and authors of the work	Overcome the limits of multi-contaminated industrial soils bioremediation: insights from a multi-disciplinary study <i>D. Zuzolo^a, C. Guarino^a, A. Postiglione^a, M. Tartaglia^a, P. Scarano^a, A. Prigioniero^a, M. Maisto^a, R. Terzano^b, C. Porfido^b and R. Sciarrillo^a</i> <i>a Department of Sciences and Technologies, University of Studies of Sannio, Via Francesco de Sanctis, s.n.c., 82100, Benevento, Italy</i> <i>b Department of Soil, Plant and Food Sciences, University of Bari “Aldo Moro”, via Amendola 165/A, Bari, 70126, Italy</i>
Date and Place	08-10/09/2021 – Italian Botanical Society Onlus – 116° Congress of Botanical Society Onlus – Poster
Name and authors of the work	Exploration of the leaf surface: discovering functional traits useful in PMs and PAHs air phytoremediation <i>A. Prigioniero^a, D. Zuzolo^a, A. Postiglione^a, M. Mercurio^a, F. Izzo^a, M. Trifuoggi^b, M. Toscanesi^b, P. Scarano^a, M. Tartaglia^a, R. Sciarrillo^a and C. Guarino^a</i> <i>a Department of Sciences and Technologies, University of Studies of Sannio, Via Francesco de Sanctis, s.n.c., 82100, Benevento, Italy</i> <i>b Department of Chemical Science, University of Naples ‘Federico II’, Via Cupa Nuova Cintia 21, Napoli, Italy</i>
Date and Place	08-10/09/2021 – Italian Botanical Society Onlus – 116° Congress of Botanical Society Onlus – Poster
Name and authors of the work	Bioremediation of pluricontaminated soils: insights from a tripartite metatranscriptomics <i>M. Tartaglia^a, R. Sciarrillo^a, D. Zuzolo^a, A. Postiglione^a, A. Prigioniero^a, P. Scarano^a, M. A. Ranauda^a, V. Ruggieri^b and C. Guarino^a</i> <i>a Department of Sciences and Technologies, University of Studies of Sannio, Via Francesco de Sanctis, s.n.c., 82100, Benevento, Italy</i> <i>b Biomeets Consulting, Carrer de Pujades, 100, 08005, Barcelona, Spain</i>
Date and Place	08-10/09/2021 – Italian Botanical Society Onlus – 116° Congress of Botanical Society Onlus – Poster
Name and authors of the work	Phytochemical characterization of <i>Arbutus unedo</i> L. leaves and fruit extracts at various ripening stages <i>P. Scarano^a, A. Prigioniero^a, D. Zuzolo^a, M. Tartaglia^a, A. Postiglione^a, M. Maisto^a, M. A. Ranauda^a, C. Guarino^a and R. Sciarrillo^a</i>



	<p><i>a Department of Sciences and Technologies, University of Studies of Sannio, Via Francesco de Sanctis, s.n.c., 82100, Benevento, Italy</i></p>
Date and Place	08-10/09/2021 – Italian Botanical Society Onlus – 116° Congress of Botanical Society Onlus – Poster
Name and authors of the work	<p>The phyllosphere of <i>Quercus ilex</i> provides an ecosystem service in the abatement of atmospheric pollution in the urban area of Naples: epiphytic microorganism dislogment protocol for metagenomic analysis</p> <p><i>A. Postiglione^a, A. Prigioniero^a, M. Tartaglia^a, D. Zuzolo^a, P. Scarano^a, M. A. Ranauda^a, M. Maisto^a, R. Sciarrillo^a and C. Guarino^a</i></p> <p><i>a Department of Sciences and Technologies, University of Studies of Sannio, Via Francesco de Sanctis, s.n.c., 82100, Benevento, Italy</i></p>
Date and Place	07-10/10/2021 – XII International Scientific Agriculture Symposium “AGROSYM 2021” – Oral
Name and authors of the work	<p>PHYTOCHEMICAL CHARACTERIZATION OF STRAWBERRY TREE (<i>ARBUTUS UNEDO</i> L.) LEAVES AND FRUIT EXTRACTS AT VARIOUS RIPENESS</p> <p><i>Pierpaolo SCARANO, Antonello PRIGIONIERO, Alessia POSTIGLIONE, Maria MAISTO, Maria Antonietta RANAUDA, Maria TARTAGLIA, Daniela ZUZOLO, Carmine GUARINO, Rosaria SCIARRILLO</i></p> <p><i>Department of Sciences and Technologies, University of Studies of Sannio, Via Francesco de Sanctis, s.n.c., 82100, Benevento, Italy</i></p>
Date and Place	07-10/10/2021 – XII International Scientific Agriculture Symposium “AGROSYM 2021” – Poster
Name and authors of the work	<p>EFFECTS OF A MICROBIAL CONSORTIUM ON <i>SCHEDONORUS ARUNDINACEUS</i> IN A PLURICONTAMINATED SOIL</p> <p><i>Maria Antonietta RANAUDA, Maria TARTAGLIA, Daniela ZUZOLO, Antonello PRIGIONIERO, Maria MAISTO, Alessia POSTIGLIONE, Pierpaolo SCARANO, Rosaria SCIARRILLO, Carmine GUARINO</i></p> <p><i>Department of Sciences and Technologies, University of Studies of Sannio, Via Francesco de Sanctis, s.n.c., 82100, Benevento, Italy</i></p>
Date and Place	07-10/10/2021 – XII International Scientific Agriculture Symposium “AGROSYM 2021” – Poster
Name and authors of the work	<p><i>OPUNTIA FICUS-INDICA</i> (L.) MILLER AS A SUSTEINABLE SOURCE FOR NATURAL DYES PRODUCTION</p> <p><i>Maria MAISTO¹, Pierpaolo SCARANO¹, Daniele NAVIGLIO², Antonello PRIGIONIERO¹, Maria TARTAGLIA¹, Alessia POSTIGLIONE¹, Maria Antonietta RANAUDA¹, Daniela ZUZOLO¹, Rosaria SCIARRILLO¹, Carmine GUARINO¹</i></p> <p><i>1 Department of Sciences and Technologies, University of Studies of Sannio, Via Francesco de Sanctis, s.n.c., 82100, Benevento, Italy</i></p> <p><i>2 Department of Chemical Science, University of Naples ‘Federico II’, Via Cupa Nuova Cintia 21, Napoli, Italy</i></p>



Date and Place	11-15/10/2021 – Air Pollution threats to Plant Ecosystems Conference – Oral
Name and authors of the work	<p>Exploration of the leaf surface: discovering functional traits useful in PM and PAHs air phytoremediation.</p> <p><i>Antonello Prigioniero^{1*}, Daniela Zuzolo¹, Ülo Niinemets³, Alessia Postiglione¹, Mariano Mercurio¹, Francesco Izzo¹, Marco Trifuoggi², Maria Toscanesi², Pierpaolo Scarano¹, Maria Tartaglia¹, Rosaria Sciarrillo¹, Carmine Guarino¹</i> <i>1 Department of Sciences and Technologies, University of Studies of Sannio, Via Francesco de Sanctis, s.n.c., 82100, Benevento, Italy</i> <i>2 Department of Chemical Science, University of Naples 'Federico II', Via Cupa Nuova Cintia 21, Napoli, Italy</i> <i>3 Institute of Agricultural and Environmental Sciences, Estonian University of Life Sciences, Fr. R. Kreutzwaldi 1, Tartu, 51006, Estonia</i></p>
Date and Place	24-26/11/2021 – Symposium - Innovation in Natural Products-based Biopesticides and Drugs from Agroforestry Waste, Plants and Microorganisms – Poster
Name and authors of the work	<p>SUSTAINABILITY IN THE RECOVERY AND VALORIZATION OF BIOACTIVE AND FUNCTIONAL COMPOUNDS FROM AGROFOOD WASTE: POTENTIAL OF <i>OPUNTIA FICUS-INDICA</i> (L.) MILLER WASTE</p> <p><i>Pierpaolo Scarano^a, Maria Tartaglia^a, Daniela Zuzolo^a, Antonello Prigioniero^a, Alessia Postiglione^a, Maria Maisto^a, Maria Antonietta Ranauda^a, Carmine Guarino^a and Rosaria Sciarrillo^a</i> <i>a Department of Sciences and Technologies, University of Studies of Sannio, Via Francesco de Sanctis, s.n.c., 82100, Benevento, Italy</i></p>
Date and Place	05/01/2022 – Paper
Submitted to	<i>Journal of Hazardous Materials</i>
Name and authors of the work	<p>Overcome the limits of multi-contaminated industrial soils bioremediation: Insights from a multi-disciplinary study</p> <p><i>D. Zuzolo^a, C. Guarino^a, A. Postiglione^a, M. Tartaglia^a, P. Scarano^a, A. Prigioniero^a, R. Terzano^b, C. Porfido^b, L. Morra^c, D. Benotti^c, D. Gresia^c, E.R. Stacul^c and R. Sciarrillo^a</i> <i>a Department of Sciences and Technologies, University of Studies of Sannio, Via Francesco de Sanctis, s.n.c., 82100, Benevento, Italy</i> <i>b Department of Soil, Plant and Food Sciences, University of Bari "Aldo Moro", via Amendola 165/A, Bari, 70126, Italy</i> <i>c Invitalia, via Calabria, 46, Roma, Italy</i></p>
Date and Place	04/02/2022 – Paper
Submitted to	<i>Agronomy</i>
Name and authors of the work	<p>Recovery and Valorization of Bioactive and Functional Compounds from the Discarded of <i>Opuntia ficus-indica</i> (L.) Mill. Fruit Peel</p> <p><i>Pierpaolo Scarano^a, Maria Tartaglia^a, Daniela Zuzolo^a, Antonello Prigioniero^a, Carmine Guarino^a and Rosaria Sciarrillo^a</i></p>



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Date and Place	05/02/2022 – Paper
Submitted to	<i>Trends in Food Science & Technology</i>
Name and authors of the work	Circular economy and secondary raw materials from fruits as sustainable source for recovery and reuse. A review <i>Pierpaolo Scarano^a, Rosaria Sciarrillo^a, Maria Tartaglia^a, Daniela Zuzolo^a and Carmine Guarino^a</i> <i>a Department of Sciences and Technologies, University of Studies of Sannio, Via Francesco de Sanctis, s.n.c., 82100, Benevento, Italy</i>
Date and Place	15/04/2022 – Paper
Submitted to	<i>Journal of Hazardous Materials</i>
Name and authors of the work	Exploring an enhanced rhizospheric phenomenon for pluricontaminated soil remediation: Insights from tripartite metatranscriptome analyses <i>M. Tartaglia^a, R. Sciarrillo^a, D. Zuzolo^a, A. Postiglione^a, A. Prigioniero^a, P. Scarano^a, V. Ruggieri^b and C. Guarino^a</i> <i>a Department of Sciences and Technologies, University of Studies of Sannio, Via Francesco de Sanctis, s.n.c., 82100, Benevento, Italy</i> <i>b Biomeets Consulting, Carrer d'Àlaba, 61, Barcelona, Spain</i>
Date and Place	29/04/2022 – Paper
Submitted to	<i>Journal of Hazardous Materials</i>
Name and authors of the work	Particulate matter and polycyclic aromatic hydrocarbon uptake in relation to leaf surface functional traits in Mediterranean evergreens: Potentials for air phytoremediation <i>Antonello Prigioniero^{1*}, Daniela Zuzolo¹, Ülo Niinemets², Alessia Postiglione¹, Mariano Mercurio¹, Francesco Izzo³, Marco Trifuoggi⁴, Maria Toscanesi⁴, Pierpaolo Scarano¹, Maria Tartaglia¹, Rosaria Sciarrillo¹, Carmine Guarino¹</i> <i>1 Department of Sciences and Technologies, University of Studies of Sannio, Via Francesco de Sanctis, s.n.c., 82100, Benevento, Italy</i> <i>2 Institute of Agricultural and Environmental Sciences, Estonian University of Life Sciences, Fr. R. Kreutzwaldi 1, Tartu, 51006, Estonia</i> <i>3 Department of Earth Sciences, Environment and Resources, University of Naples Federico II, via Cintia, Naples 80126, Italy</i> <i>4 Department of Chemical Science, University of Naples 'Federico II', Via Cupa Nuova Cintia 21, Napoli, Italy</i>
Date and Place	26/05/2022 – Paper
Submitted to	<i>Journal of Environmental Management</i>
Name and authors of the work	Influence of sediment texture on HDPE microplastics recovery by density separation



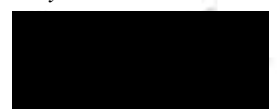
	<p><i>Maria Maisto¹, Maria Antonietta Ranauda¹, Daniela Zuzolo¹, Maria Tartaglia¹, Alessia Postiglione¹, Antonello Prigioniero¹, Alessandra Falzarano¹, Pierpaolo Scarano¹, Rosaria Sciarrillo¹, Carmine Guarino¹</i> <i>1 Department of Sciences and Technologies, University of Studies of Sannio, Via Francesco de Sanctis, s.n.c., 82100, Benevento, Italy</i></p>
Date and Place	06/05/2022 – Paper
Submitted to	<i>Frontiers in Plant Science</i>
Name and authors of the work	<p>Biotechnological Combination for Co-contaminated Soil Remediation: Focus on Tripartite “Meta-Enzymatic” Activity</p> <p><i>Maria Tartaglia¹, Daniela Zuzolo^{1*}, Alessia Postiglione¹, Antonello Prigioniero¹, Pierpaolo Scarano¹, Rosaria Sciarrillo^{1*}, Carmine Guarino¹</i> <i>1 Department of Sciences and Technologies, University of Studies of Sannio, Via Francesco de Sanctis, s.n.c., 82100, Benevento, Italy</i></p>
Date and Place	17/06/2022 – Paper
Submitted to	<i>Frontiers in Nutrition</i>
Name and authors of the work	<p>An Endemic Plant of the Mediterranean Area: Phytochemical Characterization of Strawberry Tree (<i>Arbutus unedo</i> L.) Extracts at Different Ripening Stage</p> <p><i>Pierpaolo Scarano¹, Rosa Guida¹, Daniela Zuzolo¹, Maria Tartaglia¹, Antonello Prigioniero¹, Alessia Postiglione¹, Gabriella Pinto^{2,3}, Anna Illiano^{2,3}, Angela Amoresano^{2,3}, Rosario Schicchi⁴, Anna Geraci⁴, Rosaria Sciarrillo¹, Carmine Guarino¹</i> <i>1 Department of Sciences and Technologies, University of Studies of Sannio, Via Francesco de Sanctis, s.n.c., 82100, Benevento, Italy</i> <i>2 Department of Chemical Science, University of Naples Federico II, Italy,</i> <i>3 Istituto Nazionale Biostrutture e Biosistemi, Italy</i> <i>4 Dipartimento di Scienze Agrarie, Alimentari e Forestali, Università di Palermo, Italy</i></p>
Date and Place	05/08/2022 – Paper
Submitted to	<i>Journal of Hazardous Materials</i>
Name and authors of the work	<p>Particulate matter and polycyclic aromatic hydrocarbon uptake in relation to leaf surface functional traits in Mediterranean evergreens: Potentials for air phytoremediation</p> <p><i>Antonello Prigioniero¹, Daniela Zuzolo¹, Niinemets Ülo², Alessia Postiglione¹, Mariano Mercurio¹, Francesco Izzo³, Marco Trifuoggi⁴, Maria Toscanesi⁴, Pierpaolo Scarano¹, Maria Tartaglia¹, Rosaria Sciarrillo¹, Carmine Guarino¹</i> <i>1 Department of Sciences and Technologies, University of Studies of Sannio, Via Francesco de Sanctis, s.n.c., 82100, Benevento, Italy</i> <i>2 Institute of Agricultural and Environmental Sciences, Estonian University of Life Sciences, Fr. R. Kreutzwaldi 1, Tartu, 51006, Estonia</i> <i>3 Department of Earth Sciences, Environment and Resources, University of Naples Federico II, via Cintia, Naples, 80126, Italy</i> <i>4 Department of Chemical Sciences, University of Naples Federico II, via Cintia, Naples, 80126, Italy</i></p>



Date and Place	01/09/2022 – Paper
Submitted to	<i>Journal of Environmental Management</i>
Name and authors of the work	<p>Influence of sediment texture on HDPE microplastics recovery by density separation</p> <p><i>Maria Maisto, Matria Antonietta Ranauda, Daniela Zuzolo, Maria Tartaglia, Alessia Postiglione, Antonello Prigioniero, Alessandra Falzarano, Pierpaolo Scarano, Rosaria Sciarrillo, Carmine Guarino</i> <i>Department of Sciences and Technologies, University of Studies of Sannio, Via Francesco de Sanctis, s.n.c., 82100, Benevento, Italy</i></p>
Date and Place	07-09/09/2022 – Italian Botanical Society Onlus – 117° Congress of Botanical Society Onlus – Poster
Name and authors of the work	<p>Role of leaf surface functional traits in sequestration and retention of particulate matter and polycyclic aromatic hydrocarbons in Mediterranean urban forests</p> <p><i>Antonello Prigioniero¹, Daniela Zuzolo¹, Niinemets Ülo², Alessia Postiglione¹, Mariano Mercurio¹, Francesco Izzo³, Marco Trifuoggi⁴, Maria Toscanesi⁴, Pierpaolo Scarano¹, Maria Tartaglia¹, Maria Maisto¹, Maria Antonietta Ranauda¹, Rosaria Sciarrillo¹, Carmine Guarino¹</i> <i>1 Department of Sciences and Technologies, University of Studies of Sannio, Via Francesco de Sanctis, s.n.c., 82100, Benevento, Italy</i> <i>2 Institute of Agricultural and Environmental Sciences, Estonian University of Life Sciences, Fr. R. Kreutzwaldi 1, Tartu, 51006, Estonia</i> <i>3 Department of Earth Sciences, Environment and Resources, University of Naples Federico II, via Cintia, Naples, 80126, Italy</i> <i>4 Department of Chemical Sciences, University of Naples Federico II, via Cintia, Naples, 80126, Italy</i></p>
Date and Place	07-09/09/2022 – Italian Botanical Society Onlus – 117° Congress of Botanical Society Onlus – Poster
Name and authors of the work	<p>Quercus ilex phyllosphere: intra- and interdomain features in urban and natural Mediterranean context</p> <p><i>Alessia Postiglione, Daniela Zuzolo, Antonello Prigioniero, Maria Tartaglia, Pierpaolo Scarano, Mariantonietta Ranauda, Maria Maisto, Rosaria Sciarrillo, Carmine Guarino</i> <i>Department of Sciences and Technologies, University of Studies of Sannio, Via Francesco de Sanctis, s.n.c., 82100, Benevento, Italy</i></p>
Date and Place	07-09/09/2022 – Italian Botanical Society Onlus – 117° Congress of Botanical Society Onlus – Poster
Name and authors of the work	<p>Biotechnological combination for co-contaminated soil remediation: focus on tripartite “meta-enzymatic” activity</p> <p><i>Maria Tartaglia, Daniela Zuzolo, Alessia Postiglione, Antonello Prigioniero, Pierpaolo Scarano, Rosaria Sciarrillo, Carmine Guarino</i> <i>Department of Sciences and Technologies, University of Studies of Sannio, Via Francesco de Sanctis, s.n.c., 82100, Benevento, Italy</i></p>



Date and Place	07-09/09/2022 – Italian Botanical Society Onlus – 117° Congress of Botanical Society Onlus – Poster
Name and authors of the work	<p>Plant-environment interactions: role of leaf functional traits from PTEs air phytoremediation perspective</p> <p><i>Daniela Zuzolo¹, Antonello Prigioniero¹, Niinemets Ülo², Alessia Postiglione¹, Mariano Mercurio¹, Francesco Izzo³, Marco Trifuoggi⁴, Maria Toscanesi⁴, Pierpaolo Scarano¹, Maria Tartaglia¹, Maria Maisto¹, Maria Antonietta Ranauda¹, Rosaria Sciarriello¹, Carmine Guarino¹</i></p> <p><i>1 Department of Sciences and Technologies, University of Studies of Sannio, Via Francesco de Sanctis, s.n.c., 82100, Benevento, Italy</i></p> <p><i>2 Institute of Agricultural and Environmental Sciences, Estonian University of Life Sciences, Fr. R. Kreutzwaldi 1, Tartu, 51006, Estonia</i></p> <p><i>3 Department of Earth Sciences, Environment and Resources, University of Naples Federico II, via Cintia, Naples, 80126, Italy</i></p> <p><i>4 Department of Chemical Sciences, University of Naples Federico II, via Cintia, Naples, 80126, Italy</i></p>
Date and Place	07-09/09/2022 – Italian Botanical Society Onlus – 117° Congress of Botanical Society Onlus – Poster
Name and authors of the work	<p>From tradition to ethnopharmacology: a new ethnobotanical approach in the use of antidiabetic medicinal plants in Italy</p> <p><i>Maria Maisto, Daniela De Nigris, Daniela Zuzolo, Maria Tartaglia, Maria Antonietta Ranauda, Alessandra Falzarano, Alessia Postiglione, Antonello Prigioniero, Pierpaolo Scarano, Rosaria Sciarriello, Carmine Guarino</i></p> <p><i>Department of Sciences and Technologies, University of Studies of Sannio, Via Francesco de Sanctis, s.n.c., 82100, Benevento, Italy</i></p>
Date and Place	07-09/09/2022 – Italian Botanical Society Onlus – 117° Congress of Botanical Society Onlus – Poster
Name and authors of the work	<p>From the ethnobotanical tradition of Italy to the scientific approach: medicinal plants and functional foods in the treatment and prevention of cardiovascular diseases</p> <p><i>Maria Antonietta Ranauda, Daniela Zuzolo, Maria Tartaglia, Antonello Prigioniero, Pierpaolo Scarano, Alessia Postiglione, Maria Maisto, Alessandra Falzarano, Rossella Clemente, Rosaria Sciarriello, Carmine Guarino</i></p> <p><i>Department of Sciences and Technologies, University of Studies of Sannio, Via Francesco de Sanctis, s.n.c., 82100, Benevento, Italy</i></p>
Date and Place	07-09/09/2022 – Italian Botanical Society Onlus – 117° Congress of Botanical Society Onlus – Poster
Name and authors of the work	<p>Extraction, characterization, and in vitro evaluation of the anthelmintic efficacy of pasteur plant species for biological control of sheep gastrointestinal nematodes (GIN)</p> <p><i>Pierpaolo Scarano¹, Antonio Bosco², Antonello Prigioniero¹, Stefania Iervolino¹, Daniela Zuzolo¹, Maria Tartaglia¹, Alessia Postiglione¹, Maria Maisto¹, Maria Antonietta Ranauda¹, Alessandra Falzarano¹, Giuseppe Cringoli², Carmine Guarino¹, Rosaria Sciarriello¹</i></p> <p><i>1 Department of Sciences and Technologies, University of Studies of Sannio, Via Francesco de Sanctis, s.n.c., 82100, Benevento, Italy</i></p>



	<p>2 Department of Veterinary Medicine and Animal Production, CReMoPAR - Centro Regionale per il Monitoraggio delle Parassitosi, University of Naples Federico II, Naples, Italy</p>
Date and Place	06-09/10/2021 – XIII International Scientific Agriculture Symposium “AGROSYM 2022” – Oral
Name and authors of the work	<p>Extraction, characterization, and in vitro evaluation of the anthelmintic efficacy of pasteur plant species for biological control of sheep gastrointestinal nematodes (GIN)</p> <p>Pierpaolo Scarano¹, Antonio Bosco², Antonello Prigioniero¹, Stefania Iervolino¹, Daniela Zuzolo¹, Maria Tartaglia¹, Alessia Postiglione¹, Maria Maisto¹, Maria Antonietta Ranauda¹, Alessandra Falzarano¹, Giuseppe Cringoli², Carmine Guarino¹, Rosaria Sciarriello¹</p> <p>1 Department of Sciences and Technologies, University of Studies of Sannio, Via Francesco de Sanctis, s.n.c., 82100, Benevento, Italy 2 Department of Veterinary Medicine and Animal Production, CReMoPAR - Centro Regionale per il Monitoraggio delle Parassitosi, University of Naples Federico II, Naples, Italy</p>
Date and Place	12/2022 – Paper
Submitted to	Scientific Reports
Name and authors of the work	<p>Holistic tool for ecosystem services and disservices assessment in the urban forests of the Real Bosco di Capodimonte, Naples</p> <p>Antonello Prigioniero¹, Bruno Paura², Daniela Zuzolo¹, Maria Tartaglia¹, Alessia Postiglione¹, Pierpaolo Scarano¹, Sylvain Bellenger³, Anna Capuano³, Eva Serpe³, Rosaria Sciarriello¹, Carmine Guarino¹</p> <p>1 Department of Sciences and Technologies, University of Studies of Sannio, Via Francesco de Sanctis, s.n.c., 82100, Benevento, Italy 2 Department of Agriculture Environment and Food, University of Molise, Via De Sanctis snc, Campobasso, 86100, Italy 3 Ministry of Culture, Museo E Real Bosco Di Capodimonte, Via Miano, Naples, 80131, Italy</p>
Date and Place	12/2022 – Paper
Submitted to	Plants
Name and authors of the work	<p>Quercus ilex Phyllosphere Microbiome Environmental-Driven Structure and Composition Shifts in a Mediterranean Context</p> <p>Alessia Postiglione¹, Antonello Prigioniero¹, Daniela Zuzolo¹, Maria Tartaglia¹, Pierpaolo Scarano¹, Maria Maisto¹, Maria Antonietta Ranauda¹, Rosaria Sciarriello¹, Sofie Thijs², Jaco Vangronsveld³, Carmine Guarino¹</p> <p>1 Department of Sciences and Technologies, University of Studies of Sannio, Via Francesco de Sanctis, s.n.c., 82100, Benevento, Italy 2 Environmental Biology, Centre for Environmental Sciences, Hasselt University, Agoralaan, Building D, Diepenbeek, 3590, Belgium 3 Department of Plant Physiology and Biophysics, Institute of Biological Sciences, Maria Curie-Skłodowska University, Akademicka 19, Lublin, 20-033, Poland</p>
Date and Place	30/01/2023 – Paper



Submitted to	<i>Aquaculture</i>
Name and authors of the work	Anti-inflammatory and immunostimulant effect of different timing-related administration of dietary polyphenols on intestinal inflammation in zebrafish, <i>Danio rerio</i> <i>Roberta Imperatore¹, Graziella Orsol¹, Serena Facchiano¹, Pierpaolo Scarano¹, Seyed Hossein Hoseinifar², Ghasem Ashouri¹, Carmine Guarino¹, Marina Paolucci¹</i> <i>1 Department of Sciences and Technologies, University of Studies of Sannio, Via Francesco de Sanctis, s.n.c., 82100, Benevento, Italy</i> <i>2 Department of Fisheries, Gorgan University of Agricultural Sciences and Natural Resources, Gorgan, Iran</i>
Date and Place	06/2023 – Paper
Submitted to	<i>Rhizosphere</i>
Name and authors of the work	Metatranscriptomics of pastures under drought stress show a rhizospheric meta-organism reshape <i>Maria Tartaglia, Matria Antonietta Ranauda, Alessandra Falzarano, Maria Maisto, Alessia Postiglione, Antonello Prigioniero, Pierpaolo Scarano, Daniela Zuzolo, Rosaria Sciarrillo, Carmine Guarino</i> <i>Department of Sciences and Technologies, University of Studies of Sannio, Via Francesco de Sanctis, s.n.c., 82100, Benevento, Italy</i>
Date and Place	02/06/2023 – Paper
Submitted to	<i>Frontiers in Parasitology</i>
Name and authors of the work	Use of perennial plants in the fight against gastrointestinal nematodes of sheep <i>Antonio Bosco¹, Antonello Prigioniero², Alessandra Falzarano², Maria Paola Maurelli¹, Laura Rinaldi¹, Giuseppe Cringoli¹, Giovanni Quaranta^{3,4}, Salvatore Claps⁵, Rosaria Sciarrillo², Carmine Guarino², Pierpaolo Scarano²</i> <i>1 Department of Veterinary Medicine and Animal Production, CReMoPAR - Centro Regionale per il Monitoraggio delle Parassitosi, University of Naples Federico II, Naples, Italy</i> <i>2 Department of Sciences and Technologies, University of Studies of Sannio, Via Francesco de Sanctis, s.n.c., 82100, Benevento, Italy</i> <i>3 Department of Mathematics, Computer Science and Economics, University of Basilicata, Potenza, PZ, Italy</i> <i>4 MEDES Foundation - Mediterranean Sustainable Development Foundation, Sicignano degli Alburni, SA, Italy</i> <i>5 CREA-ZA – Consiglio per la Ricerca e la Sperimentazione in Agricoltura, Centro di Ricerca Zootecnia e Acquacoltura, Bella Muro, PZ, Italy</i>
Date and Place	15/09/2023 – Paper
Submitted to	<i>Journal of Cleaner Production</i>
Name and authors of the work	Leaf surface functional traits influence particulate matter and polycyclic aromatic hydrocarbons air pollution mitigation: Insights from Mediterranean urban forests <i>Antonello Prigioniero¹, Alessia Postiglione¹, Daniela Zuzolo¹, Niinemets Ülo², Maria Tartaglia¹, Pierpaolo Scarano¹, Mariano Mercurio¹, Chiara</i>

	<p><i>Germinario</i>¹, <i>Francesco Izzo</i>³, <i>Marco Trifuoggi</i>⁴, <i>Maria Toscanesi</i>⁴, <i>Rosaria Sciarrillo</i>¹, <i>Carmine Guarino</i>¹</p> <p><i>1 Department of Sciences and Technologies, University of Studies of Sannio, Via Francesco de Sanctis, s.n.c., 82100, Benevento, Italy</i></p> <p><i>2 Institute of Agricultural and Environmental Sciences, Estonian University of Life Sciences, Fr. R. Kreutzwaldi 1, Tartu, 51006, Estonia</i></p> <p><i>3 Department of Earth Sciences, Environment and Resources, University of Naples Federico II, via Cintia, Naples, 80126, Italy</i></p> <p><i>4 Department of Chemical Sciences, University of Naples Federico II, via Cintia, Naples, 80126, Italy</i></p>
Date and Place	09/2023 – Paper
Submitted to	<i>Frontiers in Plant Science</i>
Name and authors of the work	<p>Multi-omic characterisation as a tool to improve knowledge, valorisation and conservation of wild fruit genetic resources: the case of <i>Arbutus unedo</i> L.</p> <p><i>Maria Tartaglia</i>¹, <i>Pierpaolo Scarano</i>¹, <i>Antonello Prigioniero</i>¹, <i>Daniela Zuzolo</i>¹, <i>Alessia Postiglione</i>¹, <i>Alessandra Falzarano</i>¹, <i>Angela Amoresano</i>^{2,3}, <i>Anna Illiano</i>^{2,3}, <i>Gabriella Pinto</i>^{2,3}, <i>Rosario Schicchi</i>⁴, <i>Anna Geraci</i>⁴, <i>Rosaria Sciarrillo</i>¹, <i>Carmine Guarino</i>¹</p> <p><i>1 Department of Sciences and Technologies, University of Studies of Sannio, Via Francesco de Sanctis, s.n.c., 82100, Benevento, Italy</i></p> <p><i>2 Department of Chemical Science, University of Naples Federico II, Italy,</i></p> <p><i>3 Istituto Nazionale Biostrutture e Biosistemi, Italy</i></p> <p><i>4 Dipartimento di Scienze Agrarie, Alimentari e Forestali, Università di Palermo, Italy</i></p>
Date and Place	02/2024 – Paper
Submitted to	<i>Chemosphere</i>
Name and authors of the work	<p>Effects of microplastics on microbial community dynamics in sediments from the Volturno River ecosystem, Italy</p> <p><i>Maria Maisto</i>¹, <i>Maria Antonietta Ranauda</i>¹, <i>Daniela Zuzolo</i>¹, <i>Maria Tartaglia</i>¹, <i>Alessia Postiglione</i>¹, <i>Antonello Prigioniero</i>¹, <i>Alessandra Falzarano</i>¹, <i>Pierpaolo Scarano</i>¹, <i>Valter Castelvetr</i>², <i>Andrea Corti</i>², <i>Francesca Modugno</i>², <i>Jacopo La Nasa</i>², <i>Greta Biale</i>², <i>Rosaria Sciarrillo</i>¹, <i>Carmine Guarino</i>¹</p> <p><i>1 Department of Sciences and Technologies, University of Studies of Sannio, Via Francesco de Sanctis, s.n.c., 82100, Benevento, Italy</i></p> <p><i>2 Department of Chemistry and Industrial Chemistry, University of Pisa, Via Giuseppe Moruzzi, 13, Pisa, 56124, Italy</i></p>
Date and Place	04/2024 – Paper
Submitted to	<i>Environmental Pollution</i>
Name and authors of the work	<p>Microplastics affect soil-plant system: Implications for rhizosphere biology and fitness of sage (<i>Salvia officinalis</i> L.)</p> <p><i>Maria Antonietta Ranauda</i>¹, <i>Daniela Zuzolo</i>¹, <i>Maria Maisto</i>¹, <i>Maria Tartaglia</i>¹, <i>Pierpaolo Scarano</i>¹, <i>Antonello Prigioniero</i>¹, <i>Rosaria Sciarrillo</i>¹, <i>Carmine Guarino</i>¹</p> <p><i>1 Department of Sciences and Technologies, University of Studies of Sannio, Via Francesco de Sanctis, s.n.c., 82100, Benevento, Italy</i></p>



Date and Place 15/07/2015 – EXPO di Milano
Name and authors of the work **I ° Classified at the National Competition "EcoTrophelia 2015 - Italy" with the "Fresh-App" Project**
P. Scarano¹, S. Giacobbe², D. Luglio¹, E. Parisi¹
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Date and Place 06/10/2015 – EXPO di Milano
Name and authors of the work **II ° Classified at the European Competition "EcoTrophelia 2015 - Europe" with the "Fresh-App" Project**
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Dichiarazione sostitutiva dell'atto di notorietà (artt. 46 e 47 D.P.R. n.445/2000)

Le dichiarazioni e le attestazioni di cui sopra sono effettuate ai sensi degli artt. 46 e 47 D.P.R. n.445/2000 attestante che esse sono in regola con gli obblighi previsti dalle vigenti disposizioni in materia (D.L. 31 agosto 1945, n. 660, D.P.R. n. 3066, 25/11/1958)

*Il sottoscritto [redacted] e
residente a [redacted]
è consapevole delle sanzioni penali previste dall'art. 46 del citato
D.P.R. per le ipotesi in atti e dichiarazioni mendaci.*



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