



## *Scientific Program*





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## SCIENTIFIC PROGRAM

<b>Thursday 15 February 2024</b>	
14:00	<b>Registration</b>
14:30	<b>Welcome addresses</b> <i>G. Bianco, P. Montoro, C. Gaeta</i>
<b>Session 1</b>	<b>OMICS IN PLANT KINGDOM 1</b>
<b>Chairperson: G. Bianco, D. Caruso</b>	
15:30	<b>Plenary</b> <b>Pierre Marie Allard</b> , University of Fribourg <i>Mass-spec, computers, and Linked Open Data for chemodiversity characterization at the global scale</i>
16:15	<b>Baron Giovanna</b> , University of Milan <i>An integrated metabolic, in silico and proteomic approach to reveal the parahormetic mechanism underlying the protective health effects of grape seed proanthocyanidins</i>
16:30	<b>Basilicata Manuela Giovanna</b> , University of Salerno <i>Peptidomics profiling, identification of bioactive peptides, and assessment of the biological activities of novel nutraceutical products with a potential protective role in a doxorubicin-mediated cardiac damage model</i>
16:45	<b>Marinaccio Lorenza</b> , University "G. d'Annunzio"-Chieti <i>Valorization of grape pomace: a comparison among the phytochemical profile and antioxidant activity of grape pomace and berries of common use in food and nutraceutical industries</i>
17:00	<b>Coffee Break and Poster session</b>
<b>Session 2</b>	<b>OMICS IN PLANT KINGDOM 2</b>
<b>Chairperson: L. Navarini, C. Talotta</b>	
17:30	<b>Della Vedova Larissa</b> , University of Milan <i>Comprehensive in vitro ADME study of 5-(3,4-dihydroxyphenyl)-<math>\gamma</math>-valerolactone, the main colonic catabolite after flavonoids-rich supplements intake</i>
17:45	<b>Aquino Giovanna</b> , University of Salerno <i>Tomato (<i>Solanum lycopersicum</i> L.) leaves as a sustainable source of bioactive compounds: from analytical characterization, thought biological evaluation, to the formulation and characterisation of lipid nanoparticles</i>
18:00	<b>Crescenzi Maria Assunta</b> , University of Salerno <i>Metabolite Profiling, through LC-ESI/LTQOrbitrap/MS Analysis, of Antioxidant Extracts from <i>Physalis alkekengi</i> L</i>
18:15	<b>Sommella Eduardo</b> , Thermo Fischer SCIENTIFIC/University of Salerno <i>Pseudo-targeted and untargeted HRAM-based approaches: A case study on Hop bioactive compounds</i>
18:30	<b>End of session</b>



## Friday 16 February 2024

Session 3 MISCELLANEOUS	
<b>Chairperson: F. Piscitelli, F. Lelario</b>	
9.00	<b>Plenary</b> <b>Fontana Angelo</b> , Consiglio Nazionale delle Ricerche-Naples <i>Modulation of innate immune response by marine sulfolipids</i>
9:45	<b>Polito Flavio</b> , University of Salerno <i>Chemodiversity and antibiofilm activity of essential oils from Tunisian eucalyptus</i>
10:00	<b>Nezi Paola</b> , Toscana life sciences <i>Hydroxyanthracene derivatives cytotoxicity: A differential evaluation between single molecule and whole plant extract</i>
10:15	<b>De Vito Virginia</b> , Alesco S.r.l. <i>Sucrosomial® Selenium Absorption and Biodistribution in In vivo model</i>
10:30	<b>Coffee Break and Poster</b>
Session 4 SMALL MOLECULES ANALYSIS	
<b>Chairperson: S. Piacente, L. Mattoli</b>	
11:00	<b>Sgorbini Barbara</b> , University of Turin <i>Exploiting MS quantification of volatile compounds for the quality control of natural products</i>
11:30	<b>Di Matteo Paola</b> , University "Sapienza"-Roma <i>Essential oils for supportive clinical aromatherapy: chemical profiling by GC-MS, ESI-MS and FT-IR analysis</i>
11:45	<b>Fiorito Serena</b> , University "G. d'Annunzio" Chieti <i>GC-MS Biocomponents Characterization of Waste Violina pumpkin and Olea europaea L. leaf extracts.</i>
12:00	<b>Piccolo Vincenzo</b> , School of Medicine and Surgery, University of Naples Federico II <i>Characterization and quantification of intact glucosinolates in Catozza rapeseeds: a promising food matrix for nutraceuticals development</i>
12:15	<b>Domingo Pastran</b> , Shimadzu Italia S.r.l. <i>Shimadzu's ready-to-use method for Metabolomics. Differentiation of Tomato Varieties</i>
12:30	<b>Amato Giuseppe</b> , University of Salerno <i>Postharvest Microwave Drying of Basil (Ocimum basilicum L.): The Influence of Treatments on the Quality of Dried Products</i>
13:00	<b>Buffet lunch</b>
Session 5 FOOD AND NUTRACEUTICALS	
<b>Chairperson: C. Gaeta, E. Gregori</b>	
14:30	<b>Picariello Gianluca</b> , Consiglio Nazionale delle Ricerche-Avellino <i>Flavone di-C-glycosides from seed germ of Leguminosae: Inhibitors of carbohydrate digesting enzymes from industrial by-products</i>
15:00	<b>Della Sala Paolo</b> , University of Salerno <i>Characterization of Strawberry Extracts from Novel Cultivars</i>
15:15	<b>Cerulli Antonietta</b> , University of Salerno <i>Metabolite Profile of "Green" Extracts of Cynara cardunculus (Carciofo di Paestum PGI) leaves by HRMS-Based Metabolomics</i>
15:30	<b>Lasalvia Alba</b> , University "Sapienza"-Roma <i>Edible Insects as Novel Foods: The Chemical Characterization of Acheta domesticus</i>
15:45	<b>Truzzi Eleonora</b> , University of Modena and Reggio Emilia <i>Phytochemical and functional characterization of Morus alba L. fruits from varieties grown in Italy</i>
16:00	<b>Bartella Lucia</b> , University of Calabria <i>A new method for the determination of 5-methyltetrahydrofolic acid in Citrus juices by High Resolution Mass Spectrometry</i>
16:15	<b>Maldini Maria Teresa</b> , SCiex <i>Metabolomics analysis of Moringa oleifera leaves: correlation between in vitro effect on C2C12 myotubes cell line and geographical origin.</i>
17:00	<b>Conclusions</b>