



**23° SILAE Congress**  
program

**Sunday, September 7**  
*Opening*  
**(San Pietro Monumental Center)**

16.00-18.00	Registration
18.30-19.30	<p><u>Welcom to Marsala</u></p> <p>Prof. Giacomo Dugo, Chariman 23° SILAE Congress Prof. Luca Rastrelli, Co-Chairman 23° SILAE Congress Dr. Antonino Salita, IZS Sicilia</p> <p>~•~</p> <p><b>Memorial award to</b> PROF. GUGLIEMO STAGNO D'ALCONTRES</p> <p>~•~</p> <p><b>SILAE CAREER AWARD to</b> Prof. Giovanni Dugo and Prof. Francesco De Simone For their contributions in the fields of food chemistry and food analysis</p>
20.30	<b>Welcome Cocktail Party - Traditional Sicilian Dancers</b>

**Monday, September 8**  
**Anthropology and Ethnobotany**  
**Villa Favorita Hotel (Congress Center)**

9.00-9.45	<u>Plenary</u> <b>Giovanni Dugo</b> – <i>University of Messina</i> “Comprehensive two-dimensional chromatography in food analysis: an overview”
	<u>I Session</u> Chairman - Alberto Nuñez Selles and Nunziatina De Tommasi
9.45	Nubilde Martinez - <i>Instituto de Investigaciones, Venezuela</i> The popular belief vs scientific knowledge about ficus carica (fig) decoction
10.00	Cesar Augusto Martinez Cotacio - <i>National University of Colombia, Colombia</i> Analysis of the neuroprotective activity of alcoholic extracts of Caquetá foothills and natural reserve Ucumari-Risaralda Colombia
10.15	Yoleida Mendoza Vega - <i>University of La Guajira, Colombia</i> The xerophytic forest as food pantry of the Wayuu, La Guajira Colombia
10.30	Gizem Bulut - <i>Marmara University, Turkey</i> The folk medicinal plants of Istanbul (Turkey)
10.45	Rabia Afza - <i>Hazara University Mansehra, Pakistan</i> Medicinal plants of hazarno (Malakand agency) and their conservation status
11.00	Coffee Break
	<u>II session</u> Chairman - Luca Rastrelli and Silvia Quesada
11.30	Shujaul Mulk Khan - <i>Hazara University Mansehra, Pakistan</i> Medicinal and edible plants; Phyto-therapeutic uses by Balti community of the Karakoram Range of Mountains
11.45	Qamar Abbas - <i>Karakorum International University Gilgit-Baltistan, Pakistan</i> Ethnobotanical study of bagrote valley of gilgit district, central karakoram national park, gilgit-baltistan, pakistan
12.00	Reinaldo Correa Costa - <i>National Institute of Amazonian Research, Brazil</i> Vegetal biodiversity and productives chains in Amazonas (Brazil)
12.15	Iftikhar A. Khan - <i>Hazara University Mansehra, Pakistan</i> Conservation issues of tree flora in natural habitats of Totalai tract district buner
12.30	Katia Peralta - <i>Instituto Peruano de Investigación Fitoterápica Andina, Perú</i> Peruvian amazon oleo resins
12.45	<b>Free time and Research, development and collaboration agreements</b>
13.15	Lunch
14.30-15.30	<b>FOCUS: Caribbean Herbal Pharmacopoeia</b> <b>Lionel Germosén-Robineau</b> - <i>Université des Antilles et de la Guyane, R. Dominicana</i> “Caribbean Herbal Pharmacopoeia” <b>Jairo Rosado, Malka Moreno</b> <i>University of La Guajira, La Guajira, Colombia</i> “Ethnobotany Wayuu: uses of plants present on the beach sand and dune, department of La Guajira, Colombia”
	<u>III session</u> Chairman - Fredyc Diaz-Castillo and Rosangela Marchelli
15.30	Carlotta Crescenti - <i>University of Messina, Italy</i> Sicilian rural cooking and therapeutic virtues of some mediterranean spontaneous plants
15.45	Patricio V.Noboa - <i>Escuela Superior Politécnica de Chimborazo, Ecuador</i> Towards a de-colonial ethnobotany

16.00	Hassan Sher - <i>University of Swat, Pakistan</i> Maximizing farm income and other livelihood opportunities through introduction of high value medicinal and aromatic plants in district Swat, Pakistan	
16.15	Coffee Break	
16.45-18.00	<p><b>Round Table: Recent advances in medicinal plants and biotechnology</b> Coordinator: Maria de Los Angeles Basiglio and Sandra Sharry (Argentina) Participants:</p> <p><b>Maria de Los Angeles Basiglio</b> <i>Centro Experimental de Propagación Vegetativa, Argentina</i> Tissue culture in species of the genus <i>Erythrina</i></p> <p><b>Marta Goleniowsky</b> <i>Ministry of Science and Technology, Córdoba, Argentina</i> Biotechnology applied to plant secondary metabolites production</p> <p><b>Alicia Consolini</b> <i>School of Exact Sciences, National University of La Plata, Argentina</i> Ethnopharmacology of argentinian medicinal plants: experimental models and results</p> <p><b>Silvana Alvarenga-Venutolo</b> <i>Institute of Technology, Center for Biotechnology Research</i> Biotechnological tools for sustainable crop management and marketing of cat's claw (<i>Uncaria tomentosa</i>) in Costa Rica</p> <p><b>Vilma Jimenez</b> <i>Biotechnology Research Center (CIB) of the Technological Institute of Costa Rica</i> Antioxidants content and advances in micropropagation of blueberry (<i>Vaccinium consanguineum</i>) native from Costa Rica</p> <p><b>Ana Abdelnour-Esquivel</b> <i>Instituto Tecnológico de Costa Rica, Cartago, Costa Rica</i> Cryopreservation of cat's claw (<i>uncaria tomentosa</i>)</p>	<u>Poster Session</u>
17.45	Free time and Research, development and collaboration agreements	
18.00	<p><b>Prof. Giacomo Dugo</b> <i>Chairman of the Research Consortium Co.Ri.Bi.A. Palermo</i></p> <p>Presentation of the project: "Traceability and food safety, add value to agricultural products of Sicily"</p>	
20.30	<b>Traditional Sicilian Dinner</b>	
23.00	<b>Latin Disco Party</b>	

**Tuesday, September 9**  
**Pharmacognosy and Phytochemistry**  
**Villa Favorita Hotel (Congress Center)**

9.00-9.45	<b>Plenary</b> <b>Prof. Tina De Tommasi</b> - <i>University of Salerno, Italy</i> <b>"Probing plants chemical diversity for new leads"</b>
	<u>I session</u> Chairman - Paola Vita Finzi and Susana Abdo
9.45	Gianluca Gilardoni - <i>Universidad Técnica Particular de Loja, Ecuador</i> Isolation of novel hydroquinolinic alkaloids from Ecuadorian plants of the genus <i>Huperzia</i> , employed in the traditional medicine of Saraguro people
10.00	Flavia Reis - <i>Itajubá College of Medicine, Brazil</i> Effects of chronic treatment with aqueous extract of " <i>Passiflora edulis</i> " seeds in rats induced to obesity and dyslipidemia
10.15	Fernando Siller Lopez - <i>Universidad de Guadalajara, Mexico</i> Increase in enzymatic antioxidant activities as a response to long term water arsenic exposure by phytoremediators <i>Zantedeschia aethiopica</i> and <i>Anemopsis californica</i>
10.30	Mario Alberto Sequeira Obando - <i>Instituto Tecnológico de Costa Rica, Costa Rica</i> Cytotoxic effect of an ethanol extract of <i>Phyllanthus accuminatus</i> leaves on human epithelial cancer cells
10.45	Julio Alarcon - <i>Universidad del Bío-Bío, Chile</i> Terpenoid from chilean rhamnaceae and biological activity
11.00	Coffee Break
	<b>II session</b> Chairman - Alev Tosun and Alicia Consolini
11.30	Aman Khan - Evaluation of antimicrobial and antioxidant activities of <i>Juniperus</i> species used in traditional medicine in Pakistan
11.45	Gina M. Mendez - <i>Universidad de Ciencias Aplicadas y Ambientales, Colombia</i> Antineoplastic activity of species of the genera <i>ageratina</i> and <i>lourteigia</i>
12.00	Livia Marques Casanova - <i>Universidade Federal do Rio de Janeiro, Brazil</i> Comparative study of the chemical composition and in vivo hypoglycemic activity of two <i>Ocimum species</i> (Lamiaceae)
12.15	Maria Silvana Alves - <i>Federal University of Juiz de Fora, Brazil</i> Antibacterial activity assessment of <i>Bauhinia forficata</i> link (fabaceae)
12.30	Paola Andrea Cardenas - <i>Universidad Nacional de Colombia Colombia</i> Pharmacokinetics profile of 6-Methylcoumarin in Wistar Rats after oral administration
12.45	Alev Tosun - <i>Ankara University, Turkey</i> Cytotoxic and anti-inflammatory potency of <i>Seseli</i> L. oils
13.00	Lunch
14.30-15.15	<b>Plenary</b> <b>Prof. Omar Malagon</b> - <i>Universidad Técnica Particular de Loja, Ecuador</i> The research in the natural products field in a "hot spot" of biodiversity and culture and the impact of the scientific collaboration: the UTPL and University of Pavia case
	<u>III session</u> Chairman - Giovanni Romussi and Juan Carlos Sepulveda
15.15	Ericsson David Coy-Barrera - <i>Universidad Militar Nueva Granada, Colombia</i> Benzofuran-type neolignans from <i>Ocotea heterochroma</i> and their binding mode within paf-receptor
15.30	Laifa El-Adoui - <i>University of Constantine, Algeria</i> Synthesis And Study of Physico-Chemical Property of The Derivatives of Dithiol-One From Dithiol-Thione
15.45	Sinem Aslan Erdem - <i>Ankara University, Turkey</i> Contribution to the Phytochemistry and Bioactivity of <i>Eryngium kotschyi</i> Boiss

16.00	Cecilia Veronica Nunez - <i>National Institute of Amazonian Research, Brazil</i> Antimycobacterial activity of monoterpene indole alkaloids of <i>Duroia macrophylla</i>
16.15	Maria Daglia - <i>University of Pavia</i> Antibacterial activity and chemical characterization of <i>Myrcianthes hallii</i> (Myrtaceae), used as traditional medicine in Ecuador
16.30	Jaciara Lira - <i>Instituto Federal de Educação, Ciência e Tecnologia do Amazonas, Brasil</i> Identification of monoterpene indolic alkaloid strictosidinic acid from <i>Palicourea guianensis</i> Aubl
16.45	Domenico Rongai - <i>CNR, Italy</i> Antifungal activity of pomegranate extract: effect of different extraction methods
17.00	Coffee Break
	<u>IV session</u> Chairman - Susana Leitao and Vincenzo Ferrantelli
17.30	Sara M. Robledo - <i>University of Antioquia, Colombia</i> In vitro and in vivo screening of colombian plants for potential antileishmanial, antimalarial and antitrypanosomal compounds
	Ericsson David Coy-Barrera - <i>Universidad Militar Nueva Granada, Colombia</i> LC-based profiling combined with chemometrics of <i>Lupinus</i> species from Colombia
17.45	Fausto F. B. Contero - <i>Escuela Superior Politécnica de Chimborazo, Ecuador</i> Estrogenic activity of ethanolic extracts from leaves of <i>Ilex guayusa</i> loes. and <i>Medicago sativa</i> in <i>Rattus norvegicus</i>
17.45	<b>Research, development and collaboration agreements</b>
18.30	<b>SILAE ASSEMBLY</b>
20.30	<b>Latin Disco Party: Dinner &amp; Drink at Discoteca "Chiedilaluna"</b>
All Day	<b>Wednesday, September 10</b> <b>SILAE SICILY TOUR - HISTORY and ENOGASTRONOMY</b>

**Thursday, September 11**  
**Natural Products and Analytical Chemistry**  
**Villa Favorita Hotel (Congress Center)**

9.00-9.45	<u>Plenary</u> <b>Prof. Massoud Kaykhai</b> - <i>University of Sistan &amp; Baluchestan, Iran</i> "Application of microextraction techniques for Chemical Screening of Volatiles from plants"
	<u>I session</u> Chairman - José Luis Martínez Salinas and Luisa Mannina
9.45	Claudio Corradini - <i>University of Parma, Italy</i> Analytical approaches for determination of molecular food markers and compounds of interest in food contact materials
10.00	Osorio Roa Coralia - <i>Universidad Nacional de Colombia, Colombia</i> The role of volatile organic compounds and their glycosidic precursors on the curuba ( <i>Passiflora mollissima</i> Kunth L. H. Bailey) aroma
10.15	Imma Pagano - <i>University of Salerno, Italy</i> Valorization of artichoke by-products as source of bioactive compounds
10.30	Erica Wilson - <i>University of Leiden, Netherlands</i> Extraction of galanthamine from narcissus bulbs using natural eutectic solvents (nades) and hot pressurized extraction (HPE)
10.45	Coffee Break
11.00-11.45	<u>Plenary</u> <b>Prof. Alberto Nuñez Selles</b> - <i>Universidad Nacional Evangelica, Dominican R.</i> "Oxidative stress in chronic degenerative diseases"
	<u>II session</u> Chairman - Carolina Weber Kffuri and Nicola Cicero
11.45	Susana L. Abdo - <i>Escuela Superior Politécnica de Chimborazo, Ecuador</i> Photoprotector activity of plants for elaboration of a sunscreen
12.00	Bonaccorsi, I.L. - <i>Università di Messina, Italy</i> Fast And Eco-Friendly Analysis of Bioactive Molecule
12.15	Luisa Schipilliti - Genotype differentiation of <i>Helichrysum italicum</i> (roth) G. don fil. subsp. <i>italicum</i> by means of essential oils carbon isotope ratio analysis
12.30	Luisa Mannina - <i>CNR, Italy</i> NMR metabolite profiling of blueberries
12.45	Winston Quinones - <i>Universidad de Antioquia, Colombia</i> Rheology studies implementation in developing solid dosage forms in natural products
13.00	Lunch
14.30-15.15	<u>Plenary</u> <b>Prof. Fredyc Diaz Castillo</b> - <i>Universidad de Cartagena, Colombia</i> "Phytochemical and biological studies of extracts from Colombian Caribbean plants as an alternative to the fight against dengue"
	<u>III session</u> Chairman - Lionel Germosén-Robineau and Giuseppa Di Bella
15.15	R.H. Valle-Molinares - <i>Universidad del Atlántico, Colombia</i> Metallic phthalocyanine and porphyrin photosensitizer as antimicrobial photodynamic therapy
15.30	Marcelo G.F. Araujo - <i>Universidade Federal de São João Del-Rei, Brazil</i> Antidiarrhoeal activity of umbelliferone (7-hydroxycoumarin)

15.45	Frank Blanco - <i>Instituto Venezolano de Investigaciones Científicas, Venezuela</i> Stevia... more than a sweetener? Antiinflammatory activity of <i>Stevia lucida</i>	
16.00	Maria D. Hernandez-Navarro - <i>Universidad Autónoma del Estado de México, México</i> Effect of reduced-calorie avocado paste on the lipid profile in wistar rats feed with a hypercholesterolemic diet	
16.15	Carmelo Corsaro - <i>University of Messina, Italy</i> Characterization of Sicilian food by HR-MAS NMR	
16.30	Rosalba Mora Escobedo - <i>Instituto Politécnico Nacional, México</i> Characterization and evaluation of antioxidant capacity of aguamiel (Agave atrovirens)	
16.45	Carolina Weber Kffuri - <i>Universidade Estadual Paulista, Brazil</i> Antimalarial plants used by indigenous people of the Alto Rio Negro region – Brazilian Amazon	
17.00	Coffee Break	
17.15-18.30	<b><u>Poster Session</u></b>	<p>Video Documentaries:  “Malaria in indigenous communities in northeast Amazonia”  <b>Carolina Weber Kffuri</b>  <i>Universidade Estadual Paulista</i></p> <p>“The land of remorse: exploration of ‘tarantism’ in the rural communities of Southern Italy”  <b>Luca Rastrelli</b>  <i>University of Salerno</i></p>
18.30	Book Presentation <i>“A tavola con gli elementi”</i> Author Chourmo ( <i>alias</i> Michele Girlanda) Casa Editrice ETS Pisa, presented by Prof. Enrico Rotondo	
<b>20.30</b>	<b>Social Dinner</b>	

**Friday, September 12**  
**Food Chemistry and Nutrition**  
**Villa Favorita Hotel (Congress Center)**

9.00-9.45	<u>Plenary</u> <b>Prof. Rosangela Marchelli</b> , <i>University of Parma, Italy</i> Update on food allergy: evaluation of new epidemiological data, threshold values and methods of analysis
	<u>I session</u> Chairman - Giacomo Dugo and Andrezza Nathalia Luiza
9.45	Gloria Pumilia - <i>University of Messina, Italy</i> $\beta$ -cryptoxanthin bioaccessibility in milk-fruit beverages containing orange juice
10.00	E.B. Naranjo-Rodriguez - <i>Universidad de Antioquia, Colombia</i> Comparative antidiabetic effect of <i>Amarindus indica</i> linn sedes aqueous extracts with insulin and glibenclamide
10.15	Marcela P. Carrillo - <i>Instituto Amazónico de Investigaciones Científicas Sinchi, Colombia</i> Development of food products from amazon fruits of asaí ( <i>Euterpe precatoria</i> ), seje ( <i>Oenocarpus bataua</i> mart.) and canangucha ( <i>Mauritia flexuosa</i> ) palms
10.30	Antonella Smeriglio - <i>University of Messina, Italy</i> Extra virgin olive oil (evoo) as functional food: standardization process based on scientific evidences
10.45	J. Siddiqui - <i>University of Karachi, Pakistan</i> Bioactives from grewia asiatica fruits: potential food-plant explored for nutraceutical development
11.00	Fejzo Selami - <i>University of Tirana, Albania</i> An investigation about the antibiotic and dye residues in aquaculture product of Albania
11.15	Cofee break
11.30-12.15	<u>Plenary</u> <b>Prof. Patricia Vit</b> - <i>Universidad Simón Bolívar, Caracas, Venezuela</i> " <i>Melipona favosa</i> honey from Venezuela: a multidisciplinary characterization of pot-honeys in the world, towards its inclusion in the ecuadorian honey regulation"
12.30	<b>Young Researcher Award</b>  <u>Closing</u>