



### SCIENTIFIC PROGRAM

Thursday 19 <sup>th</sup> November	
SESSION 1 Chair: Prof.ssa Paola Dugo	
9:00 → 9:30	Opening
9:30 → 9:50	<b>L1</b> Ambra Maria Cancelliere <i>Synthesis and study of photophysical properties of new multinuclear metal complexes for photoinduced CO<sub>2</sub> reduction</i>
9:50 → 10:10	<b>L2</b> Andrea Citarella <i>Synthetic applications and biological perspectives of nucleophilic <math>\alpha</math>-substituted organometallic reagents</i>
10:10 → 10:30	<b>L3</b> Fabio Salafia <i>Use of an innovative micro Pillar Array Column for the development of a separation method for tryptic digests</i>
10:30 → 10:50	<b>L4</b> Giovanni Bella <i>Do secondary electrostatic interactions influence multiple dihydrogen bond? AA-DD array on a novel amine-borane aza-coronand: theoretical studies and synthesis</i>
10:50 → 11:00	<b>L5</b> Yassine Oulad el Majdoub <i>Determination of bioactive compounds in three cultivars of Brassica juncea L. by HPLC-PDA/ESI-MS</i>
11:00 → 11:30	Break
SESSION 2 Chair: Andrea Citarella	
11:30 → 11:50	<b>L6</b> Milone Marco <i>Water-soluble pillar[6]arene-based functional materials</i>
11:50 → 12:00	<b>L7</b> Culletta Giulia <i>Exploring the SARS-CoV-2 proteome in the search of potential inhibitors via structure-based pharmacophore Modeling/Docking approach</i>
12:00 → 12:20	<b>L8</b> Barbara Giocastro <i>Comparison of cryogenic- and flow- modulation within the content of GCxGC-MS</i>
12:20 → 12:30	<b>L9</b> Giuseppe Nocito <i>Synthesis and characterization of CDots-based photoactive and Ag-NPs nanosystems for sensoristic and nanomedicine applications</i>
12:30 → 12:50	<b>L10</b> Roberta La Tella <i>Evaluation of the content of heavy metals, essential metals, histamine and biomolecules in the tuna fishing industry by-products</i>



<b>12:50 → 13:00</b>	<b>L11 Gemma De Grazia</b> <i>Collection of an unidentified component from Myrtus communis L. essential oil exploiting a multidimensional GC-Prep system followed by spectroscopic analysis for structure elucidation</i>
<b>13:00 → 13:20</b>	<b>L12 Carla Di Chio</b> <i>Discovery of novel antitrypanosomal agents: design, synthesis of novel benzodiazepine-based peptidomimetics targeting rhodesain, the main cysteine protease of Trypanosoma brucei rhodesiense</i>
<b>13:20 → 13:30</b>	<b>L13 Vincenzo Nava</b> <i>Mineral elements in Asian food by inductively coupled plasma-mass spectrometry (ICP-MS)</i>
<b>13:30 → 15:00</b>	<i>Lunch Break</i>
	<b>SPONSOR SESSION 1</b> <i>Chair: Ambra Maria Cancelliere</i>
<b>15:00 → 15:30</b>	<b>S1 Eva Ratti, PhD</b> <i>The Doctor's leap - transferrable skills and the value of a PhD outside the Academia</i>
<b>15:30 → 15:40</b>	<i>Break</i>
<b>15:40 → 16:10</b>	<b>S2 Emilia Paone, PhD</b> <i>SCI Giovani: la tua comunità scientifica</i>
<b>16:10 → 16:20</b>	<i>Break</i>
<b>16:20 → 16:50</b>	<b>S3 Marta Da Pian, PhD</b> <i>Grant, premi ed eventi di networking: l'altra faccia del CV</i>
<b>16:50 → 17:00</b>	<i>Closing remarks</i>
<b>Friday 20<sup>th</sup> November</b>	
	<b>SESSION 3</b> <i>Chair: Fabio Salafia</i>
<b>9:00 → 9:30</b>	<i>Opening</i>
<b>9:30 → 9:50</b>	<b>L14 Aloisi Ivan</b> <i>Evaluation of the fatty acid content in dietary supplements by using a fully-automated robotic station and gas chromatography with simultaneous mass spectrometry and flame ionization detection.</i>
<b>9:50 → 10:00</b>	<b>L15 Giovanna Lo Vecchio</b> <i>Preliminary study on the nutritional and nutraceutical properties of nopal obtained from Sicilian Opuntia ficus indica L.</i>
<b>10:00 → 10:20</b>	<b>L16 Antonio Gigliuto</b> <i>Speciation studies of antibacterial drugs</i>
<b>10:20 → 10:30</b>	<b>L17 Antonio Ferracane</b> <i>Development of a method for the simultaneous analysis of 88 pesticides in four vegetable matrices using quechers extraction and flow-modulated comprehensive two-dimensional gas chromatography-triple quadrupole mass spectrometry</i>
<b>10:30 → 10:50</b>	<b>L18 Paola Arena</b> <i>Intact Lipids Investigation in Hemp Products by means of Ultra-High Performance Liquid Chromatography coupled to Mass Spectrometry</i>
<b>10:50 → 11:00</b>	<b>L19 Alessandra Scinelli</b> <i>Organic contaminants in Algerian aromatic herbs and spices</i>



<b>11:00 → 11:30</b>	<i>Break</i>
	<b>SESSION 4</b> <i>Chair: Ambra Maria Cancelliere</i>
<b>11:30 → 11:50</b>	<b>L20</b> Sara Gullace <i>Multiresponsive sensing platforms based on noble metal nanoparticles for heavy metals detection in water</i>
<b>11:50 → 12:00</b>	<b>L21</b> Lorenzo Cucinotta <i>Reliability of data afforded by mono and multidimensional GC-C-IRMS: a critical evaluation for essential oil</i>
<b>12:00 → 12:20</b>	<b>L22</b> Annalaura Cordaro <i>Engineered polymeric matrices for drug delivery and biosensing</i>
<b>12:20 → 12:30</b>	<b>L23</b> Chiara Abate <i>Thermodynamic interaction parameters of carnosine with divalent metal cations in aqueous solution</i>
<b>12:30 → 12:50</b>	<b>L24</b> Katia Arena <i>Determination of bioactive compounds in natural products by comprehensive two-dimensional liquid chromatography (LCxLC)</i>
<b>12:50 → 13:00</b>	<b>L25</b> Fiorenzo Neri <i>Kinetic studies on porphyrin demetallation by polyelectrolyte binding</i>
<b>13:00 → 13:20</b>	<b>L26</b> Federica De Gaetano <i>Characterization and biological evaluation of the idebenone loaded-biodegradable nanospheres</i>
<b>13:20 → 15.00</b>	<i>Lunch Break</i>
	<b>SPONSOR SESSION 2</b> <i>Chair: Andrea Citarella</i>
<b>15:00 → 15:30</b>	<b>S4</b> Ing. Vincenzo Filardi <i>Modelli di business per il trasferimento tecnologico e spin-off accademici</i>
<b>15:30 → 15:40</b>	<i>Break</i>
<b>15:40 → 16:10</b>	<b>S5</b> Keab Consulting <i>La consulenza per le start-up</i>
<b>16:10 → 16:20</b>	<i>Closing remarks</i>

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