

Monday 3rd July 2017 (Stazione Zoologica "Anton Dohrn")	
Targeted Oriented Discovery (T.O.D.)	
9.00	<i>Opening session</i> M. V. D'Auria, A. Fontana, A. Ianora, R. Riccio e V. Costantino
9.30	<u>Chairperson:</u> R. Riccio PL1 L. Gerwick , Scripps Institution of Oceanography University of California San Diego - <i>"Effective use of genomic information in natural products research"</i>
10.15	<i>Coffee Break</i>
10.30	<u>Chairperson:</u> M.V. D'Auria PL2 A. Molinaro , Department of Chemistry, School of Science, Osaka University - Department of Chemical Sciences, University of Napoli "Federico II" - <i>"Bacterial glycoconjugates and their role in the elicitation or suppression of eukaryotic innate immunity"</i>
11.15	O1 J. Kobayashi , Hokkaido University - <i>"Chemistry and Biology of Bioactive Marine Natural Products from Okinawa"</i>
11.45	O2 V. Piccialli , University of Napoli – <i>"Studies Towards the Synthesis of Smenamide A, an Antiproliferative Metabolite from the Sponge Smenospongia Aurea"</i>
12:15	<i>Lunch</i>
14.30	<u>Chairperson:</u> F. Giordanetto and M. Bruno PL3 D. Tasdemir , GEOMAR, Germany - <i>"Approaches to Address Ocean's Dark Matters for Discovery of Marine Natural Products"</i>
15.15	PL4 N. Maulide , University of Vienna – <i>"Organic synthesis with rearrangements - adventures in total synthesis"</i>
16.00-16.50	<i>Flash presentations</i> 16.00 F1 N. Stoppelli , King's College of London – <i>"Investigating on the molecular basis of the RNA binding properties of LARPs"</i> 16.10 F2 M. Britstein , University of Haifa – <i>"First steps to understand the role of quorum sensing in marine sponges; identification of the quorum sensing molecules and genes"</i> 16.20 F3 C. Lauritano , Stazione Zoologica Anton Dohrn – <i>"First report of the anticonvulsant compound inosine from a marine diatom"</i> 16.30 F4 C. Platella , University of Naples – <i>"Resveratrol: a novel ligand for cancer-involved g-quadruplexes?"</i> 16.40 F5 M. Yunovilsa Putra , Indonesian Institute of Sciences – <i>"In vitro antibacterial and antifungal activities of twelve sponges collected from the Anambas islands, Indonesia"</i> 16.50 Discussion
Interactive sessions	
17:00	I1 F. Giordanetto , DE Shaw Reserach – <i>"Why should I be hired? Thoughts and tactics when facing a prospective industrial employer"</i>

Tuesday 4th July 2017 (University of Naples "Federico II", Biotechnology building)	
Methodologies	
9.00	<u>Chairperson:</u> G. Piccialli PL5 V. Gabelica , Université de Bordeaux – <i>"Mass Spectrometry of Natural Products: from Identification to Characterization of the Interaction with Biological Targets"</i>
9.45	O3 R. Fattorusso , University of Campania "Luigi Vanvitelli" - <i>"Applications of NMR in drug discovery"</i>
10.15	<i>Coffee Break</i>
10.30	<u>Chairperson:</u> D. Montesarchio PL6 A. Koeberle , Jena University – <i>"Multi-target approach for natural products in inflammation"</i>
11.15	O4 S. Superchi , University of Basilicata – <i>"Absolute Configuration of Natural Products by Quantum Mechanical Calculation of Chiroptical Spectra"</i>
11:45	<u>Chairperson :</u> C. Tringali Spatafora scholarship presentation

11.50	O5 P. Dossetto , AB Sciex – “ <i>The X500R QTOF system: Reducing the Complexity of High Resolution MS</i> ”
12:15	O6 A. Perissi , Waters – “ <i>Upc2 Technology Powerful to Complete Natural Products Analysis</i> ”
12:40	O7 G. Fontana , Indena Spa – “ <i>High potency api from natural sources: opportunities and challenges in industrial drug development</i> ”
13:15	F6 O. Grytsai , University of Nice – “ <i>Synthesis and evaluation of new polysubstituted ureas and thioureas as CXCL/CXCR antagonists</i> ”
13:30	Lunch
Interactive sessions - From ideas to business plan	
14.30-18.00	Chairperson: V. Costantino I2 P. Chereau , SKEMA Business School - Training laboratories covering practical aspects of going from an idea to a business plan – “ <i>Entrepreneurial Venturing: From Idea to Business Plan</i> ” Co-coaching: C. De Sterlich , University of Napoli

Wednesday 5th July 2017 (University of Naples "Federico II", Biotechnology building)	
Food Chemistry/Chemical Ecology	
9.00	Chairperson: A. Fontana PL7 A. Ianora , Stazione Zoologica Anton Dohrn - “ <i>Chemical ecology of plankton - an emerging field</i> ”
9.45	O8 R. Consonni , CNR Milano – “ <i>NMR based plants and food metabolomics</i> ”
10.15	Coffee Break
10.30	Chairperson: A. Fontana PL8 M. Gavagnin , CNR – “ <i>Natural products from marine opisthobranch molluscs: chemistry, ecology and biotechnological potential</i> ”
11.15	O9 D. Rai , Tagasc Food Center, Dublin – “ <i>By-products from food processing: recovery high value molecules and their potential applications</i> ”
11.45-12:30	Flash presentations 11.45 F7 S. Fenizia , International Max Planck Research School of Jena – “ <i>Zwitterionic metabolites – signals and resources</i> ” 11.55 F8 C. Sansone , Stazione Zoologica Anton Dohrn – “ <i>Immunomodulatory activity of coral mucus on human monocytes</i> ” 12.05 F9 B. Kumari , University of Dublin – “ <i>Analysis of β-glucan from brewers’ spent grain by ultra-high performance liquid chromatography-tandem mass spectrometry method</i> ” 12.15 Discussion
12:30	Lunch
Interactive sessions - Soft Skills	
14.00	Chairperson: L. Milella I3 G. Appendino , University of Eastern Piedmont – “ <i>Cicero Revisited: Taking Inspiration from Rhetoric to Get People Interested in Your Work</i> ”
15:00	I4 R. Teta , University of Napoli “Federico II” - “ <i>SeaLeads: a story of a successful proposal</i> ”
15:20	I5 P. Maffia , University of Glasgow - “ <i>How to Publish, Evaluate and Critical Appraise a Scientific Article</i> ”
16:00	Break
16:15	I6 P. Maffia , University of Glasgow – “ <i>How to apply for Marie Curie Actions fellowships</i> ”
16:55	POSTER SESSION with "Mozzarella Party"

Thursday 6th July 2017 (University of Naples "Federico II", Biotechnology building)	
Synthetic approach to NP scaffolds	
9.00	Chairperson: D. Passarella PL9 A. Zampella , University of Napoli – “ <i>The renaissance of steroids: from academic drug discovery</i> ”

	<i>to clinical phases"</i>
9.45	O10 M. Tosin , University of Warwick – <i>"Chemoenzymatic approaches to unnatural products"</i>
10.15	<i>Coffee Break</i>
10.30	PL10 A. Barattucci , University of Messina – <i>"The glucose contribution in the cellular imaging"</i>
11:15	O11 M. Barbieri , Agilent – <i>"2D LC for the Analysis of Natural Products"</i>
11:40	O12 L. Margarucci , Phenomenex – <i>"Choosing the right selectivity in HPLC and UHPLC for challenging separations"</i>
12.05-12:55	<p><i>Flash presentations</i></p> <p><u>Chairperson:</u> M.C. Monti</p> <p>12.05 F10 M. D. Di Mauro, University of Catania – <i>"Chemotherapeutic effects of hydroxytyrosol-enriched fraction from olive mill wastewater on astrocytoma cells"</i></p> <p>12.15 F11 V. Romanucci, University of Naples – <i>"New dimers and trimers of the silibinin: synthesis, radical scavenger properties and beyond"</i></p> <p>12.25 F12 G. D. Tormet González, University of Campinas – <i>"Enzymes hydrolases-cyclases show wide-range substrate acceptance as epoxide-hydrolases"</i></p> <p>12.35 F13 G. Rizzo, University of Palermo – <i>"Scopolamine derivatives as potential pharmaceuticals with calixarene-cyclodextrine nanosponges as drug carriers"</i></p> <p>12.45 F14 B. S. Paulo, University of Campinas – <i>"Gene deletion leads to an increased production of valinomycin by Streptomyces sp. B1"</i></p> <p>12.55 Discussion</p>
13:05	<i>Lunch</i>
Interactive sessions - How to protect an invention: Patent	
	<u>Chairperson:</u> N. De Tommasi
14.00	I7 E. Cattaneo , Notarbartolo&Gervasi – <i>"Patentability and its peculiarities"</i>
15.00	I8 R. Barberi , University of Calabria – <i>"Intellectual property and patents: the point of view of the researcher"</i>
16.00	I9 P. Lauro , European Patent Office – <i>"Patenting Pharmaceutical Inventions at the EPO"</i>
18.00	"A walk in the historical Naples"
19.30	Social Party at "Enoteca il Mantegno"

Friday 7th July 2017	
(University of Naples "Federico II", Biotechnology building)	
The take-home message session	
	<u>Chairperson:</u> A. Mangoni
9.30	PL11 W. Gerwick , Scripps Institution of Oceanography University of California San Diego – <i>"A perspective on the future of natural products: the importance of integrating scientific disciplines"</i>
10:30-11:40	<p><i>Flash presentations</i></p> <p><u>Chairperson:</u> W. H. Gerwick</p> <p>10.30 F15 L. Fioretto, CNR- Institute of Biomolecular Chemistry (Napoli) - <i>"Glycolipids With Immunomodulant Activity"</i></p> <p>10.40 F16 R. Beretta, Indena SpA – <i>"Development Of A Reproducible Approach For The Synthesis Of Maytansinol"</i></p> <p>10.50 F17 S. Di Bona, University of Perugia – <i>"A novel identification method of flavones and flavonols based on uplc/esi-ms-ms fragmentation"</i></p> <p>11.00 F18 M. Ciaravolo, University of Naples – <i>"Fatty acids from sea urchins' shell: a source of bioactive compounds from waste material"</i></p> <p>11.10 F19 R. C. Branco, University of Porto - <i>"Cyanobacterial diversity as a promising biotechnological asset: the use of lege culture collection strains as a source for bioprospecting"</i></p> <p>11.20 F20 B. Del Bianco Sahm, Universidade de São Paulo – <i>"Tbx2 transcription factor, an anticancer target modulated by marine natural products"</i></p> <p>11.30 F21 F. Janssen, Wageningen University - <i>"International biobased student symbiosum: a case study to empower students for the bioeconomy"</i></p> <p>11.40 F22 J. Hájek, Academy of Sciences of the Czech Republic – <i>"Cytotoxicity of cyclic lipopeptides puwainaphycins and minutissamides"</i></p> <p>11.50 Discussion</p>

12.00	<i>Conclusions and remarks</i> V. Costantino and G. Oliviero
12:20	<i>Brunch</i>