

THURSDAY, 30rd MAY – VENUE: Department of Chemistry UNIPG–**09:00 – 10:30** Registration and Welcome coffee**10:30 – 11:00** Opening Ceremony**Session 1 – Chair: Antonio L. Braga – Luana Bagnoli****11:00 – 11:50** PL1 **Joao B. Teixeira Rocha** University of Santa Maria, **Brazil**
“Ebselen and diphenyl diselenide as modulators of methylmercury (MeHg⁺) toxicity”**11:50 – 12:15** IL1 **Elzbieta Wojaczinska** University of Wroclaw, **Poland**
“Enantiopure diselenides based on heterocycles backbones: synthesis and applications”**12:15 – 12:30** SL1 **Vijay Pal Singh** Panjab University, **India**
“Multifunctional and Highly Regenerable Catalytic Antioxidants”**12:30 – 12:45** SL2 **Vanessa Nascimento** University of Rio de Janeiro, **Brazil**
“Design and synthesis of selenium-containing naphthoquinone derivatives as anti-tubercular leads against clinical multidrug resistant isolates of *Mycobacterium tuberculosis*”**12:45 – 13:00** SL3 **Juliano Braun de Azeredo** University of Pampa, **Brazil**
“Selenylation reactions using urea-hydrogen peroxide (UHP): an eco-friendly alternative to anhydrous hydrogen peroxide”**13:00** Lunch Break**14:30 – 15:30** Poster Session Chairman: Diego Alves**Session 2 – Chair: Vladimir A. Potapov – Francesca Marini****15:30 – 16:10** PL2 **Jain Vimal Kumar** University of Mumbai, **India**
“Internally functionalized multifaceted organochalcogen compounds”**16:10 – 16:25** SL4 **Wesam Ali** Saarland University, **Germany**
“Discovery of novel modulators for ABCB1 cancer MDR efflux pump, among aryl-heterocyclic selenoethers”**16:25 – 16:50** IL2 **Dorota Krasowska** CMMS, Lodz, **Poland**
“The synthetic route to the selected selenoorganic compounds and their antiproliferative evaluation”**16:50 – 17:05** SL5 **Anca Silvestru** University of Cluj-Napoca, **Romania**
“NMR spectroscopy as a useful tool to evidence the redox behavior of organoselenium compounds”**17:05 – 17:20** SL6 **Nohad AlOmari** Al-Kitab University, **Iraq**
“Spotlight on application of S-S linkage as anticancer agents”**17:20 – 17:35** SL7 **Nenad Jankovic** University of Kragujevac, **Serbia**
“Phenylseleno-induced Synthesis of Fused Bicyclic Thiazino- and Thiazolo-Pyrimidine”**17:35 – 19:30** POSTER SESSION Chair: Diego Alves **WINE TASTING** Chair: Sandro Milei

FRIDAY, 31st MAY – VENUE: Department of Chemistry UNIPG–**Session 1 – Chair: Eder J. Lenardao – Ornelio Rosati**9:00 – 9:25 IL3 **Alessandra Lattanzi** University of Salerno, **Italy****“Organocatalysis: a tool for the functionalization and the synthesis of sulfur-containing compounds”**9:25 – 9:50 IL4 **Barbara Nawrot** CMMS, Lodz, **Poland****“Sulfur- or selenium-containing uridines in wobble position of bacterial tRNAs – biosynthesis, chemistry and function”**9:50 – 10:05 SL8 **Marcio Santos da Silva** University of Pelotas, **Brazil****“⁷⁷Se and ¹²⁵Te NMR spectroscopy: tools for reaction and structure investigation”**10:05 – 10:20 SL9 **Marco Leonardi** University of Madrid, **Spain****“Ring opening of epoxides promoted by mechanochemical activation”**10:20 – 10:45 IL5 **Paul Evans** University College, Dublin, **Ireland****“Use of the Sulfonyl Group in Organic Synthesis”**10:45 – 11:10 IL6 **Kenta Arai** Tokai University, **Japan****“Synthesis and applications of water-soluble organochalcogen compounds as an oxidoreductase mimic”**

11:10 – 11:30 Coffee Break

Session 2 – Chair: Mike Davies11:30 – 11:45 SL10 **Elton Borges** University of Rondonia, **Brazil****“One-Pot method for the synthesis of hydrazide derivatives containing organoselenium moiety”**11:45 – 12:10 IL7 **Antonella Capperucci** University of Florence, **Italy****“A further insight into the polyhedral behaviour of silyl-chalcogenides: synthesis and properties of new polyfunctionalized organosulfur and organoselenium compounds”**12:10 – 13:00 PL3 **Leopold Flohè** University of Montevideo, **Uruguay****“The Glutathione Peroxidase Family: Basic Catalytic Mechanism, Diversification and Biological Roles”**

13:00 - 14:00 Lunch Break

14:00 – 15:00 Meeting of the Board**Session 3 – Chair: Norman Metanis – Oriana Tabarrini**15:00 – 15:40 PL4 **H.B. Sing** IIT Mumbai, **India****“Adaptive Responses of Sterically Confined Intramolecular Chalcogen Bonds”**15:40 – 16:05 IL8 **Alcindo Dos Santos** University of Sao Paulo, **Brazil****“Selenium and Tellurium Giving Light to Analyte”**16:05 – 16:30 IL9 **Raquel Guimaraes Jacob** University of Pelotas, **Brazil****“Selective synthesis of isomers of ketoximes using seleno-compounds as a catalyst: synthesis and Beeckmann rearrangement of novel (Z)-2-organylselenyl ketoximes”**16:30 – 16:45 SL11 **Agata Pacula** University of Torun, **Poland****“New GPx- mimetics – synthesis and activity”**

16:45 – 17:00	SL12	Renè Rieger	University of Gottingen, Germany
“Selenium-π-Acid Catalyzed Allylic Oxygenation Reactions”			
17:00 – 17:30	Coffee Break		
Session 4 – Chair: Alexander Breder – Stefano Giovagnoli			
17:30 – 17:55	IL10	Jamal Rafique	University of Mato Grosso, Brazil
“KIO₃-Catalyzed C(sp²)-H bond selenylation/sulfonylation of (hetero)arenes: an eco-friendly and efficient catalyst”			
17:55 – 18:10	SL13	Francesca Giulia Nacca	University College Dublin, Ireland
“Seleno-Michael type addition reaction using a reductive biphasic system”			
18:10 – 18:25	SL14	Izabela Jastrzebska	University of Bialystok, Poland
“Is PhSeZnCl (Santi’s reagent) suitable for the synthesis of selenosteroids?”			
20:00 -	Social Dinner		
SATURDAY, 1st JUNE –VENUE: Ecotech Conference hall Ponte San Giovanni PG-			
10:00 – 10:10	Dr. Silvia Moretti		EcoTech group
Introducing EcoTech Green Chemistry			
Session 1 – Chair: Michio Iwaoka – Luca Sancineto			
10:10 – 10:50	PL5	Kei Goto	Tokyo Institute of Technology, Japan
“Construction of the Synthetic Model System for Selenocysteine-Derived Reactive Species by Utilizing a Molecular Cradle”			
10:50 – 11:15	IL11	Clare Louise Hawkins	University of Copenhagen, Denmark
“Protective role of selenomethionine in inflammation and atherosclerosis”			
11:15 – 11:30	SL15	Gizele Celante	University of Sao Paulo, Brazil
“Regioselectivity control of the ring opening of 2,3-epoxy ester with selenolates”			
11:30 – 12:30	10 Flash presentation (5 min) selected among posters		
12:30 – 13:30	Round table “Future perspective in the Selenium and Sulfur chemistry” Chairman Carl Schiesser Attendees: Antonio Braga, Michio Iwaoka, Stefano Menichetti, Mike Davies, Eder Lenardao, Norman Metanis, Vladimir A. Potapov, Diego Alves, Alexander Breder and all the plenary and invited speakers		
13:30 – 14:30	Lunch break		
Session 3 – Chair: Claudio Santi			
14:30 – 15:00	Marcello Tiecco, Nicola Petragani and PeerJ Awards		
15:00 – 15:15	Closing Ceremony		