

Congress Timetable 27-08 PDF Format

Wednesday August 27<sup>th</sup>

10:00	Nobel Lecture: <b>Prof. Martin Chalfie</b>						
10:00							
10:30	Coffee break						
Hypoxia in PDT (ESP/ASP Symposia)		Nature's Quest: Discovery and Applications of Natural Photosensitizers	Material Interfaces for Photostimulation	UV radiation and climate effects through the lens of the Environmental Effects Assessment Panel	Effects of solar visible light on human skin aging and pigmentation - current status and options for treatment		
Chairs: Santi Nonell & Sherri McFarland		Chair: Bianca Siewert	Chair: Giuseppe Paternò	Chair: Janet Bornman	Chair: Ludger Kolbe		
Room "A"		Room "B"	Room "C"	Room "D"	Room "E"		
10:30	<i>"Photocatalytic water oxidation for oxygen-independent PDT"</i>	10:30 <i>"Nature's Photosensitizers: What They Are, Where They Hide, and How to Discover Them"</i>	10:30 <i>"Phototaming of Bacterial Bioelectricity"</i>	10:30 <i>"Introduction"</i>	10:30 <i>"Effects of solar visible blue light on human skin aging and pigmentation - current status and options for protection and treatment"</i>	Ludger Kolbe (Applied Skin Research, DE)	
	Invited: Santi Nonell (Institut Quimic de Sarria - Universitat Ramon Llull, ES)	Invited: Anzhela Galstyan (University of Duisburg-Essen, DE)	Invited: Giuseppe Maria Paternò (Politecnico di Milano, IT)	Janet Bornman (Food Futures Institute Murdoch University - Murdoch University, W. Australia)			
10:55		10:55	10:55	10:35	10:45		
10:55	<i>"ROS dosimetry and effect of oxygen consumption on PDT efficacy"</i>	10:55 <i>"Natural Dye Extracts as photosensitizers for sustainable antimicrobial applications"</i>	10:55 <i>"Conjugated polymer nanoparticles for biophotonic applications: biohybrid photo-sensitive interfaces for living cells"</i>	10:35 <i>"How stratospheric ozone, air-pollution, and climate will shape surface UV radiation in the 21st century?"</i>	10:45 <i>"Analytical imaging and functional analysis of reactive lipids – connecting photodamage and senescence"</i>	Florian Gruber (Medical University of Vienna, AT)	
	Invited: Tim Zhu (University of Pennsylvania, US)	Invited: Anzhela Galstyan (University of Duisburg-Essen, DE)	Invited: Manuela Ciocca (Libera Università di Bolzano, IT)	Invited: Alkiviadis Bais (Aristotle University, GR)			
11:20		11:20	11:20	11:00	11:10		
11:20	<i>"Selective targeting of proteins and pathways using photopharmacology"</i>	11:20 <i>"Fungal Photosensitizers: Dual Potential for Photodynamic Antimicrobial and Cancer Applications?"</i>	11:20 <i>"Fluorescence proteins: a light management mechanism in Corals"</i>	11:00 <i>"Integrated global assessment of the interactive effects of UV radiation, climate and stratospheric ozone depletion on polar and alpine ecosystems, photodegradation of plant material and of pesticides"</i>	11:10 <i>"Redefining sun protection – Protection strategies to defend solar induced damages beyond the UV spectrum"</i>	Julianne C Nayar (The University of Sydney, AU)	
	Invited: Edtìh Glazer (North Carolina State University, US)	Invited: Pamela Vrabl (University of Innsbruck, AT)	Ariel García Fleitas (Politecnico di Milano, IT)	Invited: Thomas Matthew Robson (University of Cumbria, UK)			
11:45		11:45	11:35	11:25	11:45		
11:45	<i>"Unconventional Reactive Oxygen Generation and Biological Outcomes"</i>	11:45 <i>"Unconventional Reactive Oxygen Generation and Biological Outcomes"</i>	11:35 <i>"Optical Characterization of 3D Light-Driven Bio-Hybrid Actuators"</i>	11:25 <i>"Potential impacts of solar radiation modification (SRM) on ecosystems"</i>	11:45 <i>"Cyclic AMP Response Element-Binding Protein (CREB): A Novel Early Biomarker for Predicting the Efficacy of Sun Protective Agents in Preventing Skin Carcinogenesis"</i>	Julianne Clare Nayar (The University of Sydney, AU)	
	Invited: Tae-Hyuk Kwon (Ulsan National Institute of Science and Technology, KR)	Hilda Mercado-Uribe (Centro de Investigación y de Estudios Avanzados del IPN, MX)	Andrea Pianetti (Politecnico di Milano, IT)	Invited: Kelsey E. Roberts (University of Massachusetts, US)			
12:10		12:00	11:50	11:50	12:00		
12:10	<i>"BODIPYs as Photodynamic and Photothermal Agents with Unprecedented Phototoxic Indexes under Normoxic and Hypoxic Conditions"</i>	12:00 <i>"On Novel Angular Furocoumarins and Their Interaction With DNA"</i>	11:50 <i>"Engineering of Light Sensitivity in Chlamydomonas reinhardtii"</i>	11:50 <i>"PFAS or non-PFAS ? The photochemistry of new(er) CFC replacements and implications for climate change"</i>	12:00 <i>"Assessing Quality of Life in Patients with Photodermatoses: An Examination of the relationship between Dermatology Life Quality Index (DLQI), Hospital Anxiety and Depression Scale (HADS), and Patient-Reported Impact of Dermatological Disease (PRIDD) Scores and Photodiagnostic Investigation Results"</i>	Marese O'Reilly (Ninewells Hospital and Medical School, UK)	
	Invited: Bernhard Spingler (University of Zurich, CH)	Michelle P. Rademacher (Heinrich Heine University Düsseldorf, DE)	Anna Bosc (Politecnico di Milano, IT)	Invited: Mads P. Sulbæk Andersen (California State University Northridge, US)			
12:35		12:15	12:05	12:15	12:15		
12:35	<i>"Experimental challenges in hypoxia research: a panel discussion"</i>	12:15 <i>"Pterin-Thymidine Adducts"</i>	12:05 <i>"B. subtilis membrane potential photomodulation through newly-synthesized azobenzenes"</i>	12:15 <i>"UV radiation and climate effects on fiber material degradation: Challenges and sustainable design"</i>	12:15 <i>"Feeding skin cellular regeneration: the importance of 1C metabolism and the potential of 5-MTHF to counteract UV-induced damage"</i>	Alessia Luccarini (Università Politecnica delle Marche, IT)	
	Invited: Sherri A. McFarland (The University of Texas at Arlington, US)	Carolina Lorente (Universidad Nacional de La Plata, AR)	Edoardo Cianfone (Politecnico di Milano, IT)	Invited: Liping Zhu (Donghua University, CN)			
13:00		12:30	12:20	12:40	12:30		
		12:30 <i>"Biotin-Functionalized Aloe Emodin: A Novel Photosensitizer for Receptor-Mediated Photodynamic Therapy"</i>	12:20 <i>"Novel photoactuators for bacterial modulation: design, synthesis and characterization"</i>				
		Paula Rivero-Jerez (Pontificia Universidad Católica de Chile, CL)	Marta Ghidoli (Politecnico di Milano, IT)				
		12:45	12:35				
		12:45 <i>"Contribution of 2,4-Heptadienal, an oxidation product of w-3 polyunsaturated fatty acids, to photoreactivity of peroxidised docosahexaenoate"</i>	12:35 <i>"Spatiotemporal Control of Bacterial Adhesion via Light-Responsive Modulators"</i>				
		Anna Pawlak (Jagiellonian University, PL)	Alessio Colleoni (University of Milan, IT)				
		12:50	12:50				
		12:50 <i>"The Genesis of Porphyrin Virucidal Photosensitizers from Abiotic Processing of Glycine"</i>	12:50 <i>"Investigating The Mechanism of Cardiac Cell Excitability Modulation by a Membrane-Targeted Photoswitch"</i>				
		Anna Pawlak (Jagiellonian University, PL)Federico Fiori (Università degli Studi di Sassari, IT)	Chiara Florindi (Università degli Studi Milano-Bicocca, IT)				
		12:55	13:00				
		12:55 <i>"Photodynamic inactivation of Alicyclobacillus acidoterrestris spores using different photosensitizers and Xenon Test Chamber Q-SUN®"</i>					
		Leonardo do Prado Silva (University of São Paulo, BR)					
13:00		13:00					
14:30	Lunch break						
14:30	Young Investigator Award Lectureship						
15:30	Nicoletta Liguori: Photosynthetic proteins in action! Towards a real-time investigation of how light-harvesting is regulated in photosynthetic organisms			Antonio Francés-Monerris: Emergent Photoactivated Anticancer Therapies: A Molecular Description			
15:30	Poster Session ( <a href="#">click to open the poster list</a> )						
18:00	ESP General Assembly						
20:00	Gala Dinner						
23:00							