2nd European Society for Photobiology Junior Meeting

March 26 & 27, 2026

-Final program schedule-

Thursday, March 26, 2026:

Time*	Session
9:00- 9:10 AM	Welcome notes
9:10-9:40 AM	Keynote speaker: **Dr. Nicoletta Liguori** *Photosynthetic proteins in action! Towards a real-time investigation of how light-harvesting is regulated in photosynthetic organism*
9:40-10:30 AM	**Ice-breaking events** **(see room link)**
10:30-11:00 AM	Keynote speaker: **Dr. Antonio Francés-Monerris** *A Molecular Perspective on Emerging Phototriggered Cancer Therapies*

11:00 - 12:00 PM	***Round table*** *2027 ESP Congress Krakow-Prof Pål Kristian Selbo* *8th Photobiology School-Prof Santi Nonell Marugat* *Education and Training Committe- Prof Virginie Lhiaubet*		
12:00 - 1:00 PM	**Break**		
1:00- 3:00 PM	***Flash presentations*** Chairs: *Dr. Celina Pihl & Dr. Lara García Campa* **Start of session**		
	FP1	Celina Pihl	*Characterisation of urinary thymidine dimer excretion in hairless mice exposed to ultraviolet radiation*
	FP2	Clara Cabrero-Tejero	*Melatonin-derived dioxetanes in chemiexcitation and their possible role in DNA damage*
	FP3	Pakavarin Louphrasitthiphol	*BRN2 suppresses ISR to promote melanoma survival*
	FP4	Edoardo Armano	*Unraveling structure–property relationships of 7-hydroxyquinoline-based photoremovable protecting groups*
	FP5	Matteo Arthofer-Lorbek	*Effects of "cold" red light on bone regeneration in a diabetic mouse digit amputation model*
	FP6	Riccarda Katharina Læret	*Mission to kill – novel photochemical strategies to eliminate bile duct cancer*
	FP7	Niloofar Zahraie	*Chemo-/sonodynamic/photothermal triune therapy in 2D and 3D models of MCF-7 cells using paclitaxel-loaded gold nanoparticles*
	FP8	María Jesús Morán Plata	*Near-infrared–activated polynuclear metal complexes for enhanced cancer therapy*

	FP9	Elisabeth Fischer	*Photodynamic Inactivation of Candidozyma auris on skin using water-soluble photosensitisers*
	FP10	Isabella Salihovic	*Photodynamic Decontamination of foodstuffs based on a novel formulation of curcumin*
	FP11	Linda Jernej	*Hypericin-mediated seed decontamination: Photodynamic Inactivation against the tomato pathogen Clavibacter michiganensis*
	FP12	Claudia Zonno	*Photosynthetic chromatophores in non-aqueous solvents*
	FP13	Dario Lacalamita	*Semiartificial photosynthesis drives syngas production*
	FP14	Alessandro Digregorio	*Polymer-Engineered Microalgal Surfaces as Adaptive Platforms for Environmental Remediation*
	FP15	Thais Huarancca Reyes	*UV-B–driven modulation of microalgal physiology for wastewater remediation*
	FP16	Krystian Mokrzyński	*Triplet-state reactivity of eumelanin and pheomelanin probed by time-resolved singlet oxygen phosphorescence*
	FP17	Denisa Avdouli	*Interactive Effects of Light Quality and UV-B radiation on Growth Responses to Salinity Stress in four A. thaliana accessions*
	FP18	Lara García-Campa	*How UV radiation shapes conifer acclimation to high-light stress: from mechanisms to application*
			Closing of the session
3:00 - 3:15 PM	**Break**		
3:15 – 5:15 PM	***Flash presentations ASP & ESP*** Chairs: *Dr. Chanda Bhandari* & *Dr. Jose Quilez Alburquerque*		

		Start of the session	
	FP19	Chanda Bhandari	*Modulating pancreatic tumor microenvironment using PD-L1 immune checkpoint targeted photoactivable liposomes*
	FP20	Federica Randisi	*Ce6/Paclitaxel-Encapsulated Folic Acid–Decorated HSA Nanoparticles for Synergistic Photodynamic–Chemotherapeutic Therapy: Evidence from 2D and 3D Cancer Models*
	FP21	Umar Sheikh	*Boosting Antioxidant Defense Mitigates Oxidative Damage through Autophagy and Stress Response Modulation in Ultraviolet-B-Exposed Human Dermal Fibroblasts*
	FP22	Melina Meyer	*Photothermal-Driven Anticancer Efficiency of Indocyanine Green J-Aggregates and Nanocarrier in 3D Cocultures of Head and Neck Cancer Spheroids*
	FP23	Amandine Szczesnowski	*A nanozyme with photothermal activities for cancer treatment in a head and neck cancer cell model*
	FP24	Ilayda Pedük	*Towards a Motor-based DNA-binder with Photocontrolled Affinity*
	FP25	Abiir Mesra	*Push-pull phenalenones for oxygen-independent PDT*
	FP26	Dario Santantonio	*Development of a Transient Absorption Imaging System (TAIS)*
	FP27	Lina Marcela Romero Cárdenas	*Control of singlet oxygen and fluorescence through supramolecular recognition by acyclic cucurbiturils*
	FP28	Jose Quilez Alburquerque	*Immune Reprogramming with Photodynamic Priming and Minocycline Overcomes Resistance and Enhances Therapy in Pancreatic Cancer in vivo*
	FP29	Stefano Scoditti	*DFT Insights into Light-Induced Acetonitrile Release from a Ru(II) Photocage for Anticancer Therapy*
	FP30	Alexandra Barth	*Enhanced Singlet Oxygen Generation from the Ligand-Field Excited States of Cr(III)*

	FP31	Alisher Talgatov	*Photobiological Applications of Light-Activated Metallodrugs*
	FP32	Dalton Lucas	*Synthesis and Characterization of Light-Triggered Metal Complexes for Cancer Treatment*
	FP33	Alexander Pinilla	*Next-Generation Photoactive Coatings: Light-Driven Antifungal Activity of Chitosan-Riboflavin Conjugates against Botrytis cinérea*
	FP34	Leonardo do Prado Silva	*Antimicrobial photodynamic treatment for the reduction Alicyclobacillus acidoterrestris spores in orange groves*
	FP35	Gurleen Kaur	*Investigation of photoactive metallodrugs as antimicrobials*
	FP36	Dominika Goik	*Illuminating Adaptation: Proteomic Responses of S. aureus to Sublethal aPDI*
			Closing of the session
17:15-17:20			**End of the day**

March 27, 2026:

Time*	Session		
9:00 – 10:00 AM	**Workshop 1: How to write an effective manuscript?** Presenter: Cansu Kaya, Publisher Springer Nature		
10:00 -12:00 AM	**Flash presentations** Chairs: *Dr. Lorena Tamarit Mayo & Dr. Martina Mušković Lukić* **Start of the session**		
	FP37	Lorena Tamarit Mayo	*Photophysical behavior of Gefitinib and its metabolites and the correlation with their photosensitizing potential*
	FP38	Carlos Montero Galán	*From UV Exposure to DNA Lesions: Etheno-Cytosine–Thymine Crosslink Formation*
	FP39	Julianne Clare Nayar	*Phosphorylated Cyclic AMP Response Element-Binding Protein (pCREB): A biomarker for assessing the efficacy of sun*

			protective agents in preventing photocarcinogenesis
	FP40	Richard López-Corbalán	*Decoding the dual-color DNA sensing of QCy(MeBT)$_3$*
	FP41	Oleg Semenov	*Low-temperature fluorescence spectroscopy of fatty acid photodecarboxylase from Chlorella variabilis*
	FP42	Ganesan Krishnamoorthy	*Smart Near-IR Light-Controlled Drug Delivery Using SDF-1α-Loaded Chitosan Nanoparticles Coated with Chlorin e6*
	FP43	Lorenzo Gramolini	*ROS on Request: G4 Binding Pulls the Trigger for Selective Photodynamic Activation*
	FP44	Federico Fiori	*Porphyrin-like Carbon Polymer Dots from Glycine with Photoinduced Virucidal Activity*
	FP45	Marta Delgado-Gómez	*Theoretical study of dipyridophenazine iridium(III) complexes for photodynamic therapy*
	FP46	Claire Laury	*Design of graftable photo-activatable heterocyclic precursors for radiotherapy promoted by nanoscintillators*
	FP47	Giorgia Puleo	*Engineering J-Aggregate-enriched Indocyanine Green polysaccharide films for NIR-triggered antibacterial photodynamic therapy*
	FP48	Leopoldo Sitia	*Peptide-based fluorescent agents for targeted imaging and phototherapy of solid tumors*
	FP49	Karina Dueñas Parro	*Leading cluster triggered emission for antimicrobial photodynamic therapy*
	FP50	Natalia Burzyńska-Młotkowska	*Global transcriptomic profiling of Escherichia coli under five short- and long-term photodynamic treatments: a comparative systems approach*
	FP51	Marianna Szczepaniak	*Multicationic ruthenium phthalocyanines as photosensitizers for photodynamic inactivation of multiresistant microbes*
	FP52	Jakub Szymczyk	*Quaternized phthalocyanines as a tool against melanoma and a broad spectrum of bacteria and fungi*
	FP53	Martina Mušković Lukić	*In vitro evaluation of (oxido)pyridylporphyrins with long alkyl chains for photodynamic*

	therapy of melanoma cells under $CoCl_2$-induced hypoxia **Closing of the session**
12:00- 1:00 PM	**Break**
1:00 - 1:45 PM	***Workshop 2: Scicomm 101: How to publish your science?*** Presenter: Dr. Fernando Gomollón-Bel, Co-Founder of Agata Communications
1:45 – 2:15 PM	***Beverage, buddies and quiz*** ***(BBQ) event***
2:30 - 2:45 PM	***Prizes, acknowledgements*** ***and closing remarks***

***Times in the schedule are given in Central European Time (CET, UTC+1).**