

Information:

All posters have to be placed at the corresponding position in the Showroom until 12:30 on Tuesday 17.09.2024.

Posters are intended to be placed early during the conference that during breaks people can already watch and read the posters before the actual poster session, in which the possibility is given to discuss with the author.

During Poster Session (Wednesday 18.09.2024; 16:00-17:00) Corresponding author(s) have to be available at their Poster for discussion.

The Poster should remain hung up at their position until Thursday Evening.

Poster List:

Chemistry	
101	5-ALA Mediated Radiodynamic Therapy Using Gold Sulfides Irem Acar <i>Department of Biomedical Science and Engineering, Graduate School of Sciences and Engineering, Koç University</i>
102	Ru and Os phenazine based polypyridine complexes as attractive choices for PDT Mona Farhadi Rodbari <i>Institute of Inorganic Chemistry I, Ulm University, Albert-Einstein-Allee 11, 89081 Ulm, Germany</i>
103	Design of platforms for targeted photodynamic therapy and/or imaging of glioblastoma Samir Acherar <i>LCPM (UMR CNRS-UL 7375), Université de Lorraine, Nancy, France</i>
104	NIR absorbing benzothienyl-[b]-fused BODIPY nanoaggregate and its applications in photodynamic therapy Neeraj Agarwal <i>UM-DAE Centre for Excellence in Basic Sciences, Mumbai, India</i>
105	Biocompatible C60 Derivatives for PDT Application Yoko Yamakoshi, Lorenzo Persi and Yue Ma <i>Department of Chemistry and Applied Biosciences, ETH Zürich</i>
106	Thiophene Stability in Photodynamic Therapy: A Mathematical Model Approach Jackson Alcazar <i>Centro de Química Médica, Facultad de Medicina Clínica Alemana, Universidad del Desarrollo, Santiago, Chile</i>

Clinical	
201	Photodynamic therapy as a method of treating HPV infection and cervical dysplasia Kamilla Orudzhova <i>Dept of Gynecology, City Clinical Hospital named after A.K. Eramishantseva, Moscow, Russia</i>
202	Successful treatment for vulvar lichen sclerosus complicated with differentiated vulvar intraepithelial neoplasia through ALA-PDT Lei Shi <i>Department of Dermatology, Huadong Hospital Affiliated to Fudan University, China</i>
203	Whole-face ALA-PDT for the treatment of facial actinic keratosis by skin rejuvenation Lei Shi <i>Department of Dermatology, Huadong Hospital Affiliated to Fudan University, China</i>
204	Photodynamic therapy as a component of human papillomavirus-associated cervical intraepithelial neoplasia treatment Ekaterina Shapovalova <i>Saint Petersburg State University Hospital, Saint Petersburg, Russia</i>
205	Successful treatment by a chlorin e6 derivative mediated photodynamic therapy combined holmium laser for cervical and vaginal giant condyloma acuminata and low-grade intraepithelial neoplasia Yun Wu and Linglin Zhang <i>Institute of Photomedicine, Shanghai Skin Disease Hospital, School of Medicine, Tongji University, Shanghai, China</i>
206	From Diagnosis of NMSC to Recovery PDT – Our PDT Experience at Ev. Elisabeth Klinik in Berlin Anja Jung <i>Evangelische Elisabeth Klinik, Zentrum Lasermedizin, Berlin, Germany</i>

Physics: Dosimetry & Light Application	
301	Optimization of Singlet Oxygen luminescence generated by Protoporphyrin IX for Photodynamic Therapy Vikas Vikas <i>James Watt School of Engineering, University of Glasgow, Glasgow G128LT, UK</i>

Imaging, Monitoring, Microscopy	
401	EUS-guided fine needle biopsy with autofluorescence microscopy and spectroscopy in diagnosis of pancreatic cancer – preliminary study. Sebastian Kwiatek <i>Department of Endoscopy. Hospital MSWiA in Katowice, Poland</i>
402	Autofluorescence imaging in endoscopic resections of gastrointestinal stromal tumors – preliminary study. Sebastian Kwiatek <i>Department of Endoscopy. Hospital MSWiA in Katowice, Poland</i>

aPDT	
501	Hybrid Liquid Metal Nanoparticles for Synergistic Photothermal/Photodynamic/Chemotherapy of Infected Wounds Jinxi Liu <i>Frontiers Science Center for Flexible Electronics (FSCFE), Xi'an Institute of Flexible Electronics (IFE) and Xi'an Institute of Biomedical Materials & Engineering (IBME), Northwestern Polytechnical University</i>
502	Maximizing Antibacterial Power: Nanofiber Membranes Trigger Nitric Oxide and Singlet Oxygen with Blue and/or Red-Light Activation Vojtěch Liška <i>Faculty of Science, Charles University, Hlavova 2030, 128 43 Prague 2, Czech Republic</i>
503	Active efflux pump of resistant S. Aureus does not impair the efficacy of photoactive nanomaterials Katarína Bilská <i>Comenius University in Bratislava, Faculty of Natural Sciences, Department of Microbiology and Virology, Bratislava, Slovak Republic</i>

Experimental: In-Vitro & In-Vivo Studies	
601	Anticancer Photodynamic Therapy (PDT) Using Biocompatible Fluorescent Organic Nanoparticles with Bio-sourced Photosensitizer Purpurin-18. Rayan Chkair <i>Univ. Limoges, LABCiS, Faculté de Pharmacie, Limoges, France</i>
602	1267 nm laser-induced cell toxic effects in human non- and melanoma skin models Arooj Kalid <i>Aston University UK</i>
603	A novel and promising ruthenium-based PACT treatment for uveal melanoma Daria Kotava <i>Leiden Institute of Chemistry, Leiden University, The Netherlands</i>
604	The GlioLight Project: Exploring Novel Technology to Treat Glioma using 1267nm Light James Dickie <i>Modus R&I, Dundee, UK</i>

Mechanisms	
701	Analysis of factors affecting protoporphyrin IX accumulation in tumor cells after addition of 5-Aminolevulinic acid Saki Kasai <i>Dept. of Life Science and Technology, Tokyo Institute of Technology, Japan</i>
702	Improving the efficacy of ALA-PDT via theranostic nanoparticles Havva Fundo Yagci Acar <i>KOC University</i>
703	Photodynamic therapy of glioblastoma cells enhances human CD8 T-cell immunity David Effinger <i>Walter Brendel Centre of Experimental Medicine, LMU Munich, Munich, Germany & Department of Anaesthesiology, Research Unit Immune Metabolism and Immune Function, University Hospital, LMU Munich, Munich, Germany</i>
704	Investigations on Combination of 5-ALA PDT with Berbamine on Bladder Cancer Cells Muriel Kabus <i>Labor für Tumormimmunologie, LIFE Center, LMU Hospital, LMU Munich, Germany</i>
705	Investigations on PDT enhancing effects of Lapatinip and Calcitriol on Malignant Glioma Cells Eva Schneble, Lena Katzensztein and Temitope Kale <i>Labor für Tumormimmunologie, LIFE Center, LMU Hospital, LMU Munich, Germany</i>

<i>One Earth One Health</i>	
801	PDT in One Earth One Health Ronald Sroka <i>Laserforschungslabor, LIFE Center, LMU Hospital, LMU Munich</i> <i>Department of Urology LMU Hospital, LMU Munich</i>
802	Trial of photodynamic therapy for canine bladder transitional cell carcinoma Tomohiro Osaki <i>Tottori University</i>
803	Photodynamic Antimicrobial Chemotherapy (PACT) for Water Disinfection to Address the Clean Water Crisis in Kenya Margaret Murage <i>University of Nairobi, Kenya</i>