

**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:**

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

<b>Clinical</b>	
<b>201</b>	<b>Photodynamic therapy as a method of treating HPV infection and cervical dysplasia</b> Kamilla Orudzhova <i>Dept of Gynecology, City Clinical Hospital named after A.K. Eramishantseva, Moscow, Russia</i>
<b>202</b>	<b>Successful treatment for vulvar lichen sclerosus complicated with differentiated vulvar intraepithelial neoplasia through ALA-PDT</b> Lei Shi <i>Department of Dermatology, Huadong Hospital Affiliated to Fudan University, China</i>
<b>203</b>	<b>Whole-face ALA-PDT for the treatment of facial actinic keratosis by skin rejuvenation</b> Lei Shi <i>Department of Dermatology, Huadong Hospital Affiliated to Fudan University, China</i>
<b>204</b>	<b>Photodynamic therapy as a component of human papillomavirus-associated cervical intraepithelial neoplasia treatment</b> Ekaterina Shapovalova <i>Saint Petersburg State University Hospital, Saint Petersburg, Russia</i>
<b>205</b>	<b>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</b> Yun Wu <i>Institute of Photomedicine, Shanghai Skin Disease Hospital, School of Medicine, Tongji University, Shanghai 200443, China</i>

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

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

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

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

<b>Mechanisms</b>	
<b>701</b>	<b>Analysis of factors affecting protoporphyrin IX accumulation in tumor cells after addition of 5-Aminolevulinic acid</b> Saki Kasai <i>Dept. of Life Science and Technology, Tokyo Institute of Technology, Japan</i>
<b>702</b>	<b>Improving the efficacy of ALA-PDT via theranostic nanoparticles</b> Havva Fundo Yagci Acar <i>KOC University</i>
<b>703</b>	<b>Immuno Response after 5-ALA PDT</b> David Effinger <i>LMU Hospital, LMU Munich, Germany</i>
<b>704</b>	<b>Investigations on Combination of 5-ALA PDT with Berbamine on Bladder Cancer Cells</b> Muriel Kabus <i>Labor für Tumormimmunologie, LIFE Center, LMU Hospital, LMU Munich, Germany</i>
<b>705</b>	<b>Investigations on PDT enhancing effects of Lapatinip and Calcitriol on Malignant Glioma Cells</b> Eva Schneble, Lena Katzensztein <i>Labor für Tumormimmunologie, LIFE Center, LMU Hospital, LMU Munich, Germany</i>

<i>One Earth One Health</i>	
<b>801</b>	<b>PDT in One Earth One Health</b> Ronald Sroka <i>Laserforschungslabor, LIFE Center, LMU Hospital, LMU Munich</i> <i>Department of Urology LMU Hospital, LMU Munich</i>
<b>802</b>	<b>Trial of photodynamic therapy for canine bladder transitional cell carcinoma</b> Tomohiro Osaki <i>Tottori University</i>