

I. FOCUS ON THE DIFFERENT SESSIONS

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	PDT SCHOOL: Schedule	p. 03
	1. Photosensitizers and nanoparticles	p. 04
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PDT-PDD 2026: PRESENTATION INSTRUCTIONS

General information for oral presentations



- Your presentation must be in English, saved as PowerPoint or PDF format on a USB key.
- **We invite you to load your presentation before the beginning of your session, half a day before your presentation on the computer of your conference room.**
- To avoid any technical bug and too long installation time, it is better to **only use the computer at your disposal**. We ask that you do not use your personal computer (unless otherwise indicated).
- A remote control with laser pointer will be at your disposal.



Invited presentations

- You will have **25 minutes** for your presentation (including some questions at the end of your presentation).



Regular presentations

- You will have **10 minutes** for your presentation (including some questions at the end of your presentation).

Poster presentations



- Your poster should **be printed in A0 format** (84.1 cm x 118.9 cm) in **portrait orientation**.
- Your poster should be **in English**.
- The posters will be displayed on grids and fixed with pins, which will be given to you upon your arrival.
- It is not possible to print your poster on site.
- Thank you for **hanging your poster** the first morning of the conference.
- Please **pick up your poster** on the last day of the conference, the remaining posters will not be retained.

Last modified on October 9 2026

PDT SCHOOL 2026: SCHEDULE

GENERAL PUBLIC CONFERENCE: SCHEDULE

WELCOME RECEPTION: SCHEDULE



AUDITORIUM A

Course		Monday, October 26th (14:00 – 18:00)
REGISTRATION 13:00 – 14:00		
C1 14:00	45'	Photosensitizers in PDT Fabienne Dumoulin
Short break (14:45 – 15:00)		
C2 15:00	45'	Biological mechanisms of PDT Girgis Obaid
Short break (15:45 – 16:00)		
Coffee break (16:00 – 16:15)		
C3 16:15	45'	Photophysical processes in PDT Santi Nonell
Short break (17:00 – 17:15)		
C4 17:15	45'	Light Dosimetry in PDT Ronald Sroka

AUDITORIUM DONZELOT



General public conference - Monday, October 26 th (17:30 – 18:15) – Auditorium Donzelot	
Conference animated by: - Céline FROCHOT, LRGP (joint research unit of the CNRS and the University of Lorraine) - Serge MORDON, Medical advisor	

Welcome reception - Monday, October 26 th (19:00 – 21:00) – CCI of Nancy
Choir “Les Quatre Vents” Words of welcome

S1

ORAL SESSION

SESSION 1: Photosensitizers and nanoparticles

AUDITORIUM DONZELOT

S.1 Part 1		Tuesday, October 27 th (09:00 – 10:40) Gilles LEMERCIER
Invited 1 09:00	25'	A Push-Pull Aza-BODIPY-Trastuzumab Conjugate for Type-I Photoimmunotherapy and Theranostic Imaging Santi NONELL <i>Institut Químic de Sarrià, Universitat Ramon Llull, Spain</i>
Invited 2 09:25	25'	Recent strategies to Develop Innovative Photosensitizer-Nanoparticle Complexes for Enhanced Photodynamic Therapy Vincent SOL <i>Université de Limoges, Faculté des Sciences et Techniques, France</i>
Com. 1 09:50	10'	Profiting from Light-Induced Metal-to-Metal Intramolecular Electron Transfer: Towards Highly Efficient Heterodinuclear Photosensitizers for Photodynamic Therapy, Juan Sanz-VILLAFRUELA, Lisa-Marie SERVOS, Nicolás MONTESDEOCA, José Vicente CUEVAS-VICARIO, Artur MORO, João Carlos LIMA, Marta MARTINEZ-ALONSO, Gustavo ESPINO , Johannes KARGES
Com. 2 10:00	10'	Polymer-photosensitizer conjugates to induce photochemical internalization of immunomodulators Yiming XIA , Daiki TOKURA, Hanqing JIANG, Takahiro NOMOTO
Com. 3 10:10	10'	Nanoscintillator-Mediated X-PDT: Understanding the Influence of X-Ray Energy, Alexis MERCIER Kristel BEDREGAL-PORTUGAL, Matéo LAVAUD, Sarah STELSE-MASSON, Malika DAKIR, Jean-Yves GIRAUD, Camille VERRY, Anne-Laure BULIN
Com. 4 10:20	10'	NIR-activated peptide-targeted Ru-COUBPY photosensitizers for cancer photodynamic therapy Vicente MARCHAN , Elena de la TORRE-RUBIO, Diego ABAD-MONTERO, Marc SUAU, Guillem LOREN, Albert GANDIOSO
Com. 5 10:30	10'	Peptide-based conjugates for targeted fluorescence guided surgery and phototherapy of solid tumors Leopoldo SITIA , Giulia TAIÈ, Anna Maria GASPARRI, Barbara COLOMBO, Matteo MONIERI, Arianna POCATERRA, Alessandro GORI, Antonio CITRO, Paolo RAINONE, Silvia VALTORTA, Angela COLIVA, Silvio ABATI, Lorenzo PIEMONTI, Rosa Maria MORESCO, Angelo CORTI, Flavio CURNIS
Coffee break (10:40 – 11:10)		

AUDITORIUM DONZELOT

ORAL SESSION

S.2 Part 1		Tuesday, October 27 th (14:15 – 15:45) Keith CENGEL
Invited 4 14:15	25'	How Far That Laser Throws Its Beams: Does Intraoperative PDT Still Shine in a Weary World? Keith CENGEL <i>University of Pennsylvania, Philadelphia, USA</i>
Com.10 14:40	10'	Harnessing Light-Activated Ruthenium(II) Complexes to Enhance Antibiotic Efficacy against Pseudomonas aeruginosa Margaux BONNARDOT, Tristan MONTIER, Tony LE GALL
Com.11 14:50	10'	Synthesis and Characterization of Photoactive Molecules for Biomedical Applications Tristan HERGOT, Vincent GAUMERD, Samir ACHERAR, Céline FROCHOT, Mihayl VARBANOV, Florence DUMARÇAY

Com.12 15:00	10'	Targeting Neuropilin-1 with a Third-Generation Photosensitizer for Photodynamic Therapy in Non-Small Cell Lung Cancer (NSCLC) Clément BOUCHEZ , Morgane MOINARD, Guillaume Paul GROLEZ, Pascal DELEPORTE, Gregory BAERT, Anne-Sophie DEWALLE, Fabrice SONCIN, Ibtihal HEZILI, Xavier THURU, Hassiba BOUAFIA, Samir ACHERAR, Céline FROCHOT, Arnaud SCHERPEREEL, Nadira DELHEM, Olivier MORALES
Unlocking the Potential of Photodynamic therapy: a challenge for the next years, Serge MORDON, Anne-Laure BULIN, Nidia MALDONADO-CARMONA, Colin HOPPER (15:10 – 16:00)		
Industrial talks (16:00-16:30)		
Coffee break (16:30 – 16:55)		

S3

ORAL SESSION

SESSION 3: PDT in dentistry and oral cancers

AUDITORIUM DONZELOT

S.3 Part 1	Tuesday, October 27th (16:55 – 17:25) Vincent SOL	
Com. 13 16:55	10'	Monte Carlo Simulation of Zirconium Dental Implants waveguiding in Photodynamic Inactivation (PDI) of Periimplantitis Kolja LEHMANN , Michael GUTHE, Heinrich WALT, Harald ESSIG
Com. 14 17:05	10'	Monitoring of the photosensitizer dose and photosensitization intensity in photodynamic therapy of oral mucosa diseases Michał DOJS , Anna DOJS, Elżbieta DEMBOWSKA, Zbigniew SUSZYŃSKI
Com. 15 17:15	10'	Immunomodulatory effect of hypericin-mediated photodynamic therapy on oral cancer cells Marcin OLEK, Agnieszka MACHOROWSKA-PIENIAŻEK, Zenon CZUBA, Aleksandra KAWCZYK-KRUPKA
18:00-21:00 Social Evening, Le Palais (17 rue Grand Rabbin Haguenauer, 54000, Nancy)		

S4

ORAL SESSION

SESSION 4: Antimicrobial PDT

AUDITORIUM DONZELOT

S.4 part 1	Wednesday, October 28 th (09:00 – 11:10) Anna Carolina RATTO TEMPESTINI HORLIANA	
Invited 5 09:00	25'	Antimicrobial PDT and Dentistry: From the Bench to the Clinical Setting Alessandra RASTELLI <i>Department of Restorative Dentistry, Sao Paulo State University-UNESP, Brazil</i>
Invited 6 09:25	25'	Antimicrobial photodynamic therapy to treat skin/mucosal diseases: from photosensitizer optimization to clinical translation Anna Carolina RATTO TEMPESTINI HORLIANA <i>Postgraduate Program in Biophotonics-Medicine, Universidade Nove de Julho (UNINOVE), Brazil</i>
Com. 16 09:50	10'	A predictive model of light-biofilm interaction for photodynamic inactivation: experimental validation in Pseudomonas aeruginosa biofilms Giovanni ROMANO , Nidia MALDONADO-CARMONA, Giacomo INSERO, Thomas PANIER, Nelly HENRY
Com. 17 10:00	10'	Cationic PORPHYRIN-XYLAN hydrogels as photobactericidal biomaterials Ikhlass LAMLAOUI Frédérique BREGIER, Vincent SOL, Tan-Sothea OUK, Vincent CHALEIX
Com. 18 10:10	10'	Unify, Align, and Educate: Disseminating Photodynamic Inactivation of microorganisms by COST Action CA24127 PanEuCOPT Nidia MALDONADO-CARMONA , Francesca GIUNTINI, Santi NONELL, Kristjan PLAETZER, Giovanni ROMANO, Fabienne DUMOULIN, Erhan KEYVAN, Martina MUŠKOVIĆ, Michal PIERANSKI, Amparo FAUSTINO, Bianka SIEWERT
Com. 19 10:20	10'	Antibacterial Activities of Yellow-Fluorescent Phenalenone-Based Photosensitizers upon Blue Light Irradiation Paul DE BONFILS, Denis JACQUEMIN, Pierrick NUN, Tan-Sothea OUK, Vincent SOL, German GUNTHER, Vincent COEFFARD
Com. 20 10:30	10'	Enhanced Blue-Light Antibacterial Action of a Neutral Vanillin-Derived Polyimine against Staphylococcus aureus Asja BROVEDANI , Elisabetta GOVER, Robert PULLAR, Marilena MARINO, Paolo STRAZZOLINI, Clara COMUZZI
Com. 21 10:40	10'	From Optical Parameters to Clinical Potential: OLED-Based Antimicrobial Photodynamic Therapy for Diabetic Foot Ulcers Marta PIKSA, Cheng LIAN, Krzysztof PAWLIK, Ifor SAMUEL, Wojciech FORTUNA, Andrzej SZUBA, Katarzyna MATCZYSZYN
Com. 22 10:50	10'	Photoactive Phloxine B-Modified Nanocomposites for the Elimination of Biofilm Associated Infections Katarína BILSKÁ , Marek PRIBUS, Peter BOHÁČ, Juraj BUJDÁK, Helena BUJDÁKOVÁ
Com. 23 11:00	10'	Developing a light-activated antimicrobial for treatment of acute and chronic wounds Andrew CARROD , Joy PATERSON, Eva DIAS, David CHISHOLM, Natalie YOUNG, Carrie AMBLER

Coffee break (11:10 – 11:40)		
S.4 part 2	Wednesday, October 28th (11:30 – 11:50) Alessandra RASTELLI	
Com. 24 11:40	10'	Assessment of tolerance induction and cross-resistance following sequential exposures to MB-aPDT Micah CHAVEZ , Cristina ROMO-BERNAL, Nicolas LOEBEL, Caetano SABINO
Com. 25 11:50	10'	Effects of Photodynamic Inactivation on Candida albicans and Staphylococcus aureus: Role of Oxidative Stress and Virulence Regulation Helena BUJDÁKOVÁ , Tomáš VALENTÍN, Matúš ŠTEFÁNEK, Katarína BILSKÁ, Larysa BUGYNA, Ľubomír ŠVANTNER, Marek PRIBUS, Juraj BUJDÁK
Lunch in room A6 (12:00 – 13:30)		
Poster session in the library (13:30 – 14:30)		

S5

ORAL SESSION

SESSION 5: Dosimetry and Interstitial PDT

AUDITORIUM DONZELOT

S.5	Wednesday, October 28th (14:30 – 16:35) Brian W. POGUE	
Invited 7 14:30	25'	PDT, Dosimetry and Treatment Planning Lothar LILGE <i>Princess Margaret Cancer Centre, University Health Network, Canada</i> <i>Medical Biophysics, University of Toronto, Canada</i> <i>Laser Research Centre, Health Sciences, University of Johannesburg, South Africa</i>
Invited 8 14:55	25'	Image-Based Light Dosimetry for Interstitial Photodynamic Therapy with Palliative Radiotherapy from the Bench to the Clinic Gal SHAFIRSTEIN <i>Department of Cell Stress Biology, Roswell Park Comprehensive Cancer Center, USA</i> <i>Department of Thoracic Surgery, Roswell Park Comprehensive Cancer Center, USA</i>
Invited 9 15:20	25'	Enabling technology for intraoral photodynamic therapy with real-time multichannel image-guidance and monitoring Jonathan CELLI <i>Department of Physics, University of Massachusetts Boston, USA</i>
Com. 26 15:45	10'	A Multiphysics Simulation Framework for Modeling Photodynamic Therapy of Pancreatic Cancer Christian TAYOU FOTSO , Martin RODRIGUEZ-VEGA, Julien WOJAK, Anne-Sophie DEWALLE, Anne-Laure BULIN, Anabela Da SILVA
Com. 27 15:55	10'	Measuring Tissue Oxygen with a Smartphone through Delayed Fluorescence of PpIX Brian W. POGUE , Protik Chandra BISWAS, Jason R. GUNN, Tayyaba HASAN
Com. 28 16:05	10'	Microvascular ultrasound-based pretreatment vascular assessment for guiding hemoporphin-mediated photodynamic therapy in port-wine stains Lidan ZHANG , Ping DIAO, Xiaoxue LI, Lian LIU, Chenglong HAN, Xian JIANG

Com. 29 16:15	10'	New algorithms in metabolic NADH/FAD/FMN FLIM and oxygen PLIM to follow up metabolic pattern developments during PDT and other treatments A. RUECK, J. WIELAND, D. dos SANTOS B.
Com. 30 16:25	10'	Quantitative monitor for dosimetric parameters of vascular targeted photodynamic therapy Buhong LI, Yi SHEN, Defu CHEN, Haixia QIU, Bin CHEN
Coffee break (16:35 – 17:00)		

S6

ORAL SESSION

SESSION 6: Immunomodulation induced by PDT

AUDITORIUM DONZELOT

S.6	Wednesday, October 28th (17:00 – 18:05) Janusz M. DABROWSKI	
Invited 10 17:00	25'	Bringing nanobody-targeted photodynamic therapy to cancer patients: treatment of cats with oral squamous cell carcinoma Sabrina OLIVEIRA <i>Department of Pharmaceutical Sciences, Faculty of Science, Utrecht University, The Netherlands</i> <i>Department of Biology, Faculty of Science, Utrecht University, The Netherlands</i>
Com. 31 17:25	10'	Cytotoxic and immunomodulatory effects of hypericin-mediated photodynamic therapy on skin cell cultures Magdalena KRUPKA-OLEK, Andrzej BOŻEK, Zenon CZUBA, Małgorzata KŁÓSEK, Aleksandra KAWCZYK-KRUPKA
Com. 32 17:35	10'	Preclinical characterization of glucagon-like peptide receptor-targeted photodynamic therapy for the treatment of congenital hyperinsulinism Manon GLOUDEMANS, Cathelijne FRIELINK, Wiert KOLKMAN, Chrysanthi TRIANTAFYLLOU, Fritz ANDREAE, Dennis LÖWIK, Sandra HESKAMP, Martin GOTTHARDT, Sanne VAN LITH
Com. 33 17:45	10'	Redaporfin-mediated photodynamic therapy induces immunogenic cell death and durable antitumor immunity upon checkpoint blockade Janusz M. DABROWSKI
Com. 34 17:55	10'	Targeted photodynamic therapy to enhance antitumor efficacy and immune response in pancreatic cancer Ugo PIEYRE, Nicolas STOUP, Sélène BAUDUIN, Souleymane SARR, Samir ACHERAR, Céline FROCHOT, Olivier MORALES, Emmanuel BOLESŁAWSKI, Nadira DELHEM

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ORAL SESSION

SESSION 7: PDT and Pancreas Cancer

AUDITORIUM DONZELOT

S.7	Thursday, October 29 th (09:00 – 11:15) Mans BROEKGAARDEN	
Invited 11 09:00	25'	Data-Driven Nanoscale Engineering of Photodynamic Therapy for Pancreatic Cancer Immunotherapy Girgis OBAID <i>Department of Bioengineering, University of Texas at Dallas, United-States</i>
Invited 12 09:25	25'	What role can PDT play in the treatment of pancreatic cancer? A review Stephen BOWN <i>Division of Surgery & Interventional Science, University College London, United Kingdom</i>
Invited 13 09:50	25'	Lipid Nanoformulations for Photodynamic- and Radiotherapy of Pancreatic Cancer Mans BROEKGAARDEN <i>Grenoble-Alpes University, Institute for Advanced Biosciences, Inserm U1209, CNRS UMR 5309, France</i>
Com. 35 10:15	10'	Unravelling photodynamic modulation of pancreatic tumor structure and permeability using liposomal verteporfin Nazareth CARIGGA GUTIERREZ, Malika KADRI, Maxime HENRY, Véronique JOSSERAND, Jean-Luc COLL, Girgis OBAID, Mans BROEKGAARDEN
Com. 36 10:25	10'	Toward a Theranostic Platform for Pancreatic Cancer: In Vitro Evaluation of Gadolinium-Based Nanoparticles for X-Ray-Activated Photodynamic Therapy Soizic MARTIN AUBERT Natalia JUAREZ LOPEZ, Nicolas KHEFIF, Frédéric LEROUGE, Lucie MEUNIER, Rianne BIEMANS, Jolien Van den BOSCH, Ludwig DUBOIS, Maria Nicole ANTONUCCIO, Philippe ROBERT
Com. 37 10:35	10'	Endovascular photoactivated ablation for downstaging locally advanced pancreatic cancer: Dose finding study in a healthy porcine model Daphne DORST Sanne van LITH, Martijn STOMMEL, Lodewijk BROSENS, Jan VERBEEK, Arjen BOGAARDS, Paul BLOEMEN, Martijn MEIJERINK, Alain GARCIA VAZQUEZ, Maurice AALDERS, Mans BROEKGAARDEN, Lothar LILGE, Jurgen FÜTTERER, Daniel de BRUIN, Christiaan OVERDUIN
Com. 38 10:45	10'	Orai1 inhibition and PDT: novel combination therapy for Pancreatic Ductal Adenocarcinoma Francesca BIANCO, Elena SAVIO, Federica GALVAGNO, Alessandra GILARDINO, Silvia DE TONI, Alberto PULIAFITO, Nadia BARBERO, Natalia PREVARSKAYA, Giorgia CHINIGO', Alessandra FIORIO PLA
Com. 39 10:55	10'	Evaluation of a FRalpha-targeted photodynamic therapy on patient-derived pancreatic tumor organoids with different chemoresistance status Nicolas STOUP, Ugo PIEYRE, Sonia PAGET, Sélène BAUDUIN, OrgaRES Consortium, Audrey VINCENT, Morgane MOINARD, Céline FROCHOT, Emmanuel BOLESZLAWSKI, Olivier MORALES, Nadira DELHEM

Com. 40 11:05	10'	Case-specific modelling of light distribution and photodynamic dose for endovascular photoablation in pancreatic tissue Lothar LILGE , Leah WILK, Tina SAEIDI, Anas GASSER, Daphne DORST, Sanne van LITH, Martijn STOMMEL, Lodewijk BROSENS, Jan VERBEEK, Arjen BOGAARDS, Paul BLOEMEN, Martijn MEIJERINK, Alain GARCIA VAZQUEZ, Maurice AALDERS, Mans BROEKGAARDEN, Jurgen FÜTTERER, Daniel de BRUIN et Kristian OVERDUIN.
Coffee break (11:15– 11:40)		

S8**ORAL SESSION****SESSION 8: PDT and Oxygen**

S.8	Thursday, October 29th (11:40 – 12:25) Steffen HACKBARTH	
Invited 14 11:40	25'	Detection of singlet oxygen luminescence and fluorescence using superconducting nanowire single photon detector and time-resolved system Zheng HUANG <i>MOE Key Laboratory of Medical Optoelectronics Science and Technology, College of Photonic & Electronic Engineering, Fujian Normal University, China</i>
Com. 41 12:05	10'	Effects of power densities on singlet oxygen generation and abscopal effects in photodynamic therapy with talaporfin sodium Hanqing JIANG , Steffen HACKBARTH, Takahiro NOMOTO
Com. 42 12:15	10'	Imaging of singlet oxygen phosphorescence in vitro and in vivo - An update Steffen HACKBARTH
Lunch break (12:25 – 14:00)		

S.8 Part 2	Thursday, October 29th (14:00 – 14:30) Steffen HACKBARTH	
Com. 43 14:00	10'	Real-Time Detection of Singlet Oxygen in Glioma Cell Models during Photodynamic and Direct Light Therapy Marijana PETKOVIĆ , Jelena ŽAKULA, Lela KORIĆANAC, Maja NEŠIĆ, Iva POPOVIĆ, Vanja RALIĆ, Ivana POPOVIĆ, Djordje KAPURAN, Mioljub NEŠIĆ, Aleksandra MALUCKOV, Anne REGNIER-VIGOROUX, Sophie GIEß, Steffen HACKBARTH, Milutin STEPIĆ
Com. 44 14:10	10'	A retrospective evaluation: There was no significant relationship between oxygen inhalation concentrations and the effectiveness of Hemoporphin-mediated photodynamic therapy with general anesthesia in the treatment of port-wine stains Ping DIAO
Com. 45 14:20	10'	Singlet Oxygen Based In-silico Evaluation of Clinical Outcomes in Talaporfin Sodium-Mediated Photodynamic Therapy for Peripheral Lung Cancer Hayato NAGAMATSU , Yuri MORIZANE, Yuuya TOMIOKA, Takumi SONOKAWA, Jitsuo USUDA, Takahiro NISHIMURA

S3^{bis} ORAL SESSION

SESSION 3 BIS: PDT in dentistry and oral cancers

AUDITORIUM DONZELOT

S.3 Part 2		Thursday, October 29th (14:30 – 15:05) Vincent SOL
Invited 15 14:30	25'	Photodynamic Therapy for oral diseases: clinical and <i>in vitro</i> studies experience with new natural photosensitizers Cinzia CASU , Sara FAIS, Germano ORRU <i>Department of Surgical Science, Oral Biotechnology Laboratory, University of Cagliari, Italy</i>
Com.46 14:55	10'	LXD191: A light activated gel treatment for oral epithelial dysplasia Ben BROWN , Cole SIMS, Natalie YOUNG, David CHISHOLM, Eva DIAS, Carrie AMBLER

S9

ORAL SESSION

SESSION 9: PDT in Neurosurgery

AUDITORIUM DONZELOT

S.9 Part 1		Thursday, October 29 th (15:05 – 16:25) Serge MORDON
Invited 16 15:05	25'	Clinical Benefits of Photodynamic Therapy Using Talaporfin Sodium in Patients with Isocitrate Dehydrogenase-Wildtype Diagnosed Glioblastoma, Takashi SASAYAMA <i>Department of Neurosurgery, Kobe University Graduate School of Medicine, Japan</i>
Invited 17 15:30	25'	Intraoperative Photodynamic therapy in the management of glioblastomas: lessons from two clinical studies Nicolas REYNS <i>HRU Lille - Hôpital Roger Salengro (Lille)</i>
Com. 47 15:55	10'	Possibilities of interstitial photodynamic therapy in the treatment of brain glioblastoma RYNDA A.Yu. , OLYUSHIN V.E., ROSTOVTSEV D.M
Com. 48 16:05	10'	Developing 3D models of glioblastoma to evaluate the effect of PDT on cellular invasion Arina BREEVA , Kristel BEDREGAL-PORTUGAL, Matéo LAVAUD, Malika DAKIR, Vincent VERDOOT, Frédéric BOSSARD, Anne-Laure BULIN
Com. 49 16:15	10'	Results of treatment of glioblastomas using photodynamic therapy RYNDA A.Yu. , OLYUSHIN V.E., ROSTOVTSEV D.M
Coffee break (16:25 – 16:50)		

S9

ORAL SESSION

SESSION 9: PDT in Neurosurgery

AUDITORIUM DONZELOT

S.9 Part 2		Thursday, October 29 th (16:50 – 17:40) Ronald SROKA
Invited 18 16:50	25'	Biophotonics for brain tumor therapy and surgical guidance with and without photosensitizer accumulation Adrian RUHM <i>LMU Klinikum, Germany</i>
Com. 50 17:15	10'	Rational Design of PET/PDT Theranostic Agents for High-Grade Glioma Jean-Romain LOTTHE , Natthasit LERTTHUNDORN, Rene KORNMAN, Kerstin SANDER, Alexander MacROBERT, Graeme STASIUK
Com. 51 17:25	10'	Investigations into the Efficacy of 5-ALA Mediated PDT in Combination with Lapatinib for the Treatment of Temozolomide-Resistant and Sensitive Glioblastoma Cell Lines Temitope KALE , Alexander BUCHNER, Ronald SROKA, ADRIAN RÜHM, Heike POHLA, Maximilian AUMILLER
Com. 52 17:35	10'	Photosensitizer TPCS2a synthesized via a simplified synthetic route - validated on human (T24) and rat (AY27) cancer cell models Odrun A. GEDERAAS , Hildegunn DAHL, Synne E. TVEIDE, Oskar MIDDEL, Mikael LINDGREN, Morten KARLSEN

Gala dinner in the Great Salons of the City Hall of Nancy (19:30 – 23:30)

S10

ORAL SESSION

SESSION 10: PDT in Gynecology

AUDITORIUM DONZELOT

S.10		Friday, October 30 th (09:00 – 10:10) Henri CLAVE
Com. 53 09:00	10'	Photodynamic Therapy for persistent HPV Infection: a fertility-preserving, office-based therapeutic innovation, Henri CLAVE , Charlotte SCHUMACKER, Christophe DEPUYDT, Jean Claude HAMMOU
Com. 54 09:10	10'	Adjuvant ALA-PDT Therapy for Patients with Positive Surgical Margins after LEEP for High-Grade Cervical Lesions: A Prospective Controlled Study Yi CHEN , Dan WU

Com. 55 09:20	10'	Comparative Efficacy and Safety of Different 5-ALA Concentrations in Photodynamic Therapy for hrHPV-Related CIN2 with p16 Positivity: a Multicentre, Randomised, Double-blind, Placebo-controlled, Phase II trial Lihua QIU
Com. 56 09:30	10'	Optimal number of 5-aminolevulinic acid photodynamic therapy sessions for cervical low grade squamous intraepithelial lesions with high-risk HPV infection: a retrospective cohort study Yingting WEI
Com. 57 09:40	10'	Evaluation of the impact of a new targeted photodynamic therapy (PDT) on the tumor inflammatory microenvironment of epithelial ovarian cancer Nadia HAGE ALI, Nicolas STOUP, Margaux MERLIER, Morgane MOINARD, Guillaume Paul GROLEZ, Céline FROCHOT, Olivier MORALES, Yohan KERBAGE, Nadira DELHEM
Com. 58 09:50	10'	Induction of Immunogenic Cell Death by a Third-Generation Targeted Photodynamic Therapy in Epithelial Ovarian Cancer Margaux MERLIER, Nicolas STOUP, Léa BOIDIN, Nadia HAGE ALI, Célia GHYSEL, Hugo GHEERAERT, Morgane MOINARD, Céline FROCHOT, Olivier MORALES, Yohan KERBAGE, Nadira DELHEM
Com. 59 10:00	10'	Photodynamic Therapy for Clearing High-risk Human Papillomavirus in Patients with Persistent Infection after LEEP for Cervical HSIL: A Non-randomized Concurrent Controlled Study Liyang GU, Zubei HONG, Lihua QIU

S11

ORAL SESSION

SESSION 11: PDT in Dermatology

S.11 Part 1	Friday, October 30th (10:10 – 10:45) Xiuli WANG	
Invited 19 10:10	25'	Improving PDT for skin cancer: melanoma and non-melanoma Vanderlei S BAGNATO <i>University of São Paulo – São Carlos -SP – Brazil & 2BME – Texas A&M University – College Station – TX – USA</i>
Com. 60 10:35	10'	Application Value of Photodynamic Diagnosis in Detecting Carcinogenesis in Actinic Keratosis Areas Chun HE
Com. 61 10:45	10'	Development of Dual Function Optical Microneedle Lens Array for skin cancer treatment by Photodynamic Therapy Anthony LEFEBVRE, Wataru HANAMOTO, Jongho PARK, Pascal DELEPORTE, Anne-Sophie DEWALLE, Vincent SENEZ, Oregane BAJEUX, Nicolas STOUP, Guillaume Paul GROLEZ, Laurent MORTIER, Nadira DELHEM, Beomjoon KIM

Com. 62 10:55	10'	Development of Metallic Nanoparticles for Plasmonic Photothermal Therapy Applied in the Treatment of Advanced-Stage melanoma Elyas AL YASINI , Guillaume GROLEZ, Anne-Sophie DEWALLE, Gregory BAERT, Olivier MORALES, Laurent MORTIER, Anne-Laure MOREL, Nadira DELHEM
Coffee break at the library (11:05 – 11:25)		

S11**ORAL SESSION****SESSION 11: PDT in Dermatology**

S.11 Part 2	Friday, October 30th (11:25 – 13:00) Xiuli WANG	
Com. 63 11:25	10'	Evaluation in vitro of the immunomodulatory effect of Rose Bengal photodynamic therapy in human melanoma Marie BOILEAU , Anthony LEFEBVRE, Smail MARFHOR, Pascal Deleporte, Guillaume Paul GROLEZ, Anne-Sophie DEWALLE, Olivier MORALES, Nadira DELHEM, Laurent MORTIER
Com. 64 11:35	10'	A Dual-Enzyme and ALA Coloaded Supramolecular Hydrogel for Cascade-Amplified EDT-PDT Synergy in SCC Treatment Peiru WANG , Yiting ZHAO, Qi ZHANG, Zhe ZHENG, Xia WANG, Qigang WANG, Xiuli WANG
Com. 65 11:45	10'	A Novel Combination of Holmium Laser and Photodynamic Therapy for Refractory Multifocal High-Grade Squamous Intraepithelial Lesions: A Case Series Long WEN , Haiyan ZHANG, Yunfeng ZHANG, Linglin ZHANG, Xiuli WANG
Com. 66 11:55	10'	Photodynamic Priming Enhances Skin Response in FLASH Radiotherapy Brian W. POGUE , Aleksandra ILINA, Jason R. GUNN, Valentin DEMIDOV, Tayyaba HASAN
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