



Programme Titles Presenters Topics

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Abdelkader, Mahmoud

German University In Cairo, Egypt

Photodynamic Control of Malaria and Schistosomiasis Vectors In Infested Africa Swamps. Mahmoud H. Abdel-Kader Faculty of Pharmacy and Biotechnology, German University in Cairo, New Cairo City, Egypt

Monday, June 25, 2012: Photochemical Inactivation of Pathogens - Medical and Environmental Applications - 2:15-4:15

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Adigbli, Derick

National Medical Laser Centre, UCL, UK

Disulfonated Meso-Tetraphenylporphyrin (TPPS2a) Potentiates the Cytotoxicity of saporin Both as a Monotherapy and in Combination with Mitoxantrone in Breast Cancer Cells

Monday, June 25, 2012: Poster session with Refreshments - 06:00-09:00

Ahmad, Nihal

University of Wisconsin, USA

The Circadian Control of Skin and Cutaneous Photodamage

Wednesday, June 27, 2012: Impact of UVA-UVB on Cell Signaling - 2:15-4:15

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Alarcon, Emilio

University of Ottawa, Chemistry Department, Canada

Effect of Photochemically Prepared Collagen Protected Silver Nanoparticles on the Antiseptic Activity of Collagen Based Hydrogels for Tissue Regeneration

Tuesday, June 26, 2012: Free Radical Chemistry and Applications - 3:45-5:45

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Albarracin, Virginia Helena

Max-Planck Institute for Bioinorganic Chemistry, Germany

Overexpression and Functional Characterization of Two Members of the photolyase-Cryptochrome Family from the UV-Resistant Gamma-Proteobacteria, Acinetobacter sp. Ver3

Tuesday, June 26, 2012: Photobiology of Extremophiles - 3:45-5:45

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Anand, Sanjay

Cleveland Clinic, USA

Enhanced Tumor Cell Death by Combination of 5-Fluorouracil with Aminolevulinic Acid-Based Photodynamic Therapy Involves the p53-MDM2 pathway in murine tumors

Tuesday, June 26, 2012: Modulation of Cellular Responses in PDT - 1:15-3:15

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Enhanced Tumor Development in CHOP/gadd153 Knockout Mice after UVB Exposure Involves p53 Mutation and Down Regulation of p21 and MDM2

Wednesday, June 27, 2012: Impact of UVA-UVB on Cell Signaling - 2:15-4:15

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Anbil, Sriram

Wellman Center for Photomedicine, Massachusetts General Hospital, Harvard Medical School, USA

A 3D Platform to Evaluate Factors Influencing PDT Efficacy and Model Determinants of Tumor Growth

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Anders, Juanita

Uniformed Services University of the Health Sciences, USA

Light Interaction With the Peripheral Nervous System: In Vivo and In Vitro Models of Nerve Injury and Neuropathic Pain

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Annan, Joseph Nana

UNIVERSITY OF EDUCATION, Ghana

Effect of Solar Radiation on Photosynthesis and Pigments in the Cyanobacterium, *Lyngbya Majuscula*

Tuesday, June 26, 2012: Photobiology and Environmental Photobiology - Offered Papers - 01:15-03:15

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Arnaut, Luis

University of Coimbra, Portugal

Induction of Anti-Tumor Immune Response after PDT with Sulfonamide Bacteriochlorins

Tuesday, June 26, 2012: PDT - Offered Papers - 03:45-05:45

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Bacqueville, Daniel

Centre R&D; Pierre Fabre - Département Pharmacologie in vitro - Laboratoire de Pharmacologie tissulaire et Pharmacocinétique cutanée, France

Evaluation of Solar Radiation-Induced Photodamage and Apoptosis in a New Skin Tissue Model

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Barolet, Daniel

RoseLab Skin Optics Laboratory, Canada

LLLT Skin Preconditioning: Preliminary Results in a Porcine Model

Sunday, June 24, 2012: Low Level Light Therapy - 2:00-3:30

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Beissert, Stefan

University Hospital Carl Gustav Carus, Germany

Photoimmunology in the Age of Biologics

Wednesday, June 27, 2012: Light Effects in Dermatology - 11:00-1:00

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BENHAMOU, VERONIQUE

McGill University, Canada

Antimicrobial Photodynamic Therapy in Treatment of Aggressive Periodontitis

Monday, June 25, 2012: Antimicrobial PDT - 4:45-6:15

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Berg, Kristian

The Norwegian Radium Hospital, Oslo University Hospital, Norway

Photochemical Internalization. From Bench To Bedside With A Novel Technology For Site-Specific Drug Delivery

Wednesday, June 27, 2012: Kendric C Smith Innovation Lecture: Photochemical Internalization - 8:30-9:30

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Bhowmick, Reshma

Medical College of Wisconsin, USA

Cytoprotective and Pro-growth Effects of Stress-induced Nitric Oxide in a Prostate Cancer Photodynamic Therapy Model

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Biel, Merrill

Ondine Biomedical, Inc, Canada

Antimicrobial PDT for the Prevention of Ventilator Associated Pneumonia and Chronic Sinusitis

Monday, June 25, 2012: Antimicrobial PDT - 4:45-6:15

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Bissonnette, Robert

Innovaderm Research Inc., Canada

Cellular Modulation in Photodynamic Therapy

Tuesday, June 26, 2012: Modulation of Cellular Responses in PDT - 1:15-3:15

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Black, Homer

Baylor College of Medicine, USA

Potential Risk of Beta-Carotene Supplementation as a Mean to Reduce Skin Cancer Incidence
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Blankenship, Robert

Washington Univ. in St. Louis, USA

Photosynthesis in Extreme Environments: Hot, Cold, Salty, Deep and Dark

Tuesday, June 26, 2012: Photobiology of Extremophiles - 3:45-5:45

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Boppart, Stephen

University of Illinois at Urbana-Champaign, USA

Magnetomotive Molecular Probes for Targeted Contrast Enhancement, Elastography, and Therapy

Sunday, June 24, 2012: Kendrick C. Smith Symposium: Emerging Light Technologies (Magnetomotive Imaging; Optogenetics; & Imaging Stem Cell Niche) - 9:00-10:30

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Bosca, Francisco

Consejo Superior de Investigaciones Cientificas / Universidad Politecnica de Valencia, Spain

Shedding some Light on the Binding of Fluoroquinolones to Proteins: Importance of Inner Filter Effect in Fluorescence Quenching Studies.

Wednesday, June 27, 2012: Photochemistry - Offered Papers - 11:00-01:00

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Bosserhoff, Anja

University of Regensburg, Germany

Role of miRNAs in Malignant Melanoma

Monday, June 25, 2012: Epigenetics Effects of UVB Irradiation - 11:00-1:00

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Bovis, Melissa

University College London, UK

Investigating the Delivery of m-THPC Incorporated in Pegylated PLGA Nanoparticles for In Vivo PDT.

Sunday, June 24, 2012: ASP/ESP Joint Symposium: Nanotechnology - Part II - 2:00-3:30

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Braga, Gilberto

Universidade de São Paulo, Brazil

In Vitro Photodynamic Inactivation of Candida Species and Mouse Fibroblasts with Phenothiazinium Photosensitisers and red Light

Sunday, June 24, 2012: Poster Session with Refreshments - 6:00-9:00

Susceptibilities of the Dermatophytes Trichophyton mentagrophytes and T. Rubrum Microconidia to Photodynamic Antimicrobial Chemotherapy with Phenothiazinium Photosensitizers and Red Light

Sunday, June 24, 2012: Poster Session with Refreshments - 6:00-9:00

Buhimschi, Alexandru

Hamden Hall Country Day School, USA

UVB-Induced Psoralen Photoadducts and their Rapid Detection by Surface-Enhanced Laser Desorption Ionization Time of Flight (SELDI-TOF) Mass Spectrometry

Wednesday, June 27, 2012: Photochemistry - Offered Papers - 11:00-01:00

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Busch, Theresa

Vascular Microenvironment: How and Why It Can Change Response to Photodynamic Therapy

Monday, June 25, 2012: Microenvironment and Protein Kinase Signaling in Photobiology - 2:15-4:15

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Byrne, Scott

Royal Prince Alfred Hospital, Australia

How Does Sunlight Protect us from Autoimmune Diseases?

Monday, June 25, 2012: Photoimmunology and PDT-Induced Immunology - 8:30-10:30

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Pharmacologically Antagonising the CXCR4-CXCL12 Chemokine Pathway with AMD3100 Inhibits Sunlight-induced Skin Tumour Formation

Monday, June 25, 2012: Photomedicine and Photoimmunology - Offered Papers - 11:00-1:00
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Calzavara-Pinton, Piergiacomo

Dermatology Department, University of Brescia, Italy

Dermoscopic, Histological and Immunohistochemical Evaluation of Cancerous Features in Acquired Melanocytic Nevi that have been Repeatedly Exposed to UVA or UVB

Wednesday, June 27, 2012: Light Effects in Dermatology - 11:00-1:00
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Perspectives of off label MAL-PDT

Wednesday, June 27, 2012: Light Effects in Dermatology - 11:00-1:00
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Caswell, Michael

Consumer Product Testing Company, Inc., USA

A Call for Certification of Tanning Salon Employees

Tuesday, June 26, 2012: Indoor Tanning: Previously Unasked Questions - 1:15-3:15
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Cauchon, Nicole

Université de Sherbrooke, Canada

Detecting PDT-Induced Immune Response by Real-Time FDG-PET in a Mouse Tumor Model

Monday, June 25, 2012: Photoimmunology and PDT-Induced Immunology - 8:30-10:30
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Phthalocyanine-Peptide Conjugates: Receptor-Targeted Bi-Functional Agents for Imaging and Photodynamic Therapy

Sunday, June 24, 2012: Frontiers of Drug Delivery in Photomedicine - 4:00-5:30
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Celli, Jonathan

University of Massachusetts, USA

Targeting Pancreatic Tumor-Stroma Interactions with PDT: Insights from Imaging-Based Quantification of Therapeutic Response in 3D Tumor Models

Monday, June 25, 2012: Imaging and Spectroscopy - 8:30-10:30
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Cengel, Keith

University of Pennsylvania, USA

Serosal PDT: Lessons from the Clinic and the Laboratory for the Treatment of Pleural and Peritoneal Malignancies

Wednesday, June 27, 2012: Translational Photobiology: Bidirectionally Informed Therapeutic Parameters & Model Development - 2:15-4:15
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Chen, Bin

University of the Sciences, USA

Modulation of PI3K Pathway to Enhance PDT Response

Sunday, June 24, 2012: Vascular Effects of Light - 4:00-5:30
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Chen, Chin-Tin

National Taiwan University, Taiwan

CLIC4 Involved in the Decreased Invasion of Cancer Cells Induced by Photodynamic Therapy

Sunday, June 24, 2012: Poster Session with Refreshments - 6:00-9:00

Chong, Kyuha

KAIST, Republic of Korea

Hypericin as a Theranostic Agent for Malignant Brain Tumor

Tuesday, June 26, 2012: PDT - Offered Papers - 03:45-05:45
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Chow, Brian

University of Pennsylvania, USA

Optogenetics: Elucidating and Treating Neural Circuit Dysfunction with Light

Sunday, June 24, 2012: Kendrick C. Smith Symposium: Emerging Light Technologies (Magnetomotive Imaging; Optogenetics; & Imaging Stem Cell Niche) - 9:00-10:30
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Cho, Yongku

MIT, USA

Optogenetics: Tools for Controlling Neural Circuits

Sunday, June 24, 2012: Optogenetics and Biotechnological Applications of Biological Photoreceptors - 11:00-12:45

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Coleman, Jonathan

Memorial Sloan Kettering Cancer Center, USA

Clinical and Histologic Results from Phase 2 Trial of Vascular Targeted Photodynamic Therapy for Localized Prostate Cancer

Monday, June 25, 2012: Cell or Vessel: A Debate on Effective Photobiology - 4:45-6:15

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Cosa, Gonzalo

Department of Chemistry, McGill University, Canada

Imaging Chemistry at the Single Molecule Level

Tuesday, June 26, 2012: New Investigator Award Lecture - 8:30-9:30

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Novel Fluorogenic Tocopherol Analogues for Visualizing Peroxyl Radicals in Model Lipid Membranes and in Live Cells

Tuesday, June 26, 2012: Free Radical Chemistry and Applications - 3:45-5:45

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Crespo, Carlos

Case Western Reserve University, USA

UVA-Induced Dynamics in Sulfur-Substituted Nucleosides

Wednesday, June 27, 2012: Photochemistry - Offered Papers - 11:00-01:00

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Crespo-Hernandez, Carlos E.

Case Western Reserve University, USA

Excited-State Dynamics of Folic Acid and 6-Carboxypterin upon UVA Excitation

Monday, June 25, 2012: Poster session with Refreshments - 06:00-09:00

Dabrowski, Janusz

Faculty of Chemistry, Jagiellonian University, Poland

Cellular Versus Vascular-Targeted PDT for Colon, Lung and Melanoma Tumors using Photostable Sulfonamide Bacteriochlorins

Tuesday, June 26, 2012: PDT - Offered Papers - 03:45-05:45

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Damian, Diona

University of Sydney, Australia

Photodynamic Therapy-Induce Immunosuppression in Humans

Monday, June 25, 2012: Photoimmunology and PDT-Induced Immunology - 8:30-10:30

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Davila, Alfonso

NASA Ames Research Center, USA

The Dry Limit of Photosynthesis on Earth and the Possibility of Life on Mars

Tuesday, June 26, 2012: Photobiology of Extremophiles - 3:45-5:45

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Davis, Scott

Dartmouth College, USA

A Multi-Source Spectroscopic Fluorescence Probe System for PDT Dosimetry of BPD and PPIX

Wednesday, June 27, 2012: Optical Dosimetry - 11:00-1:00

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De Fabo, Edward

Dept Microbiology, Immunology and Tropical Medicine, The George Washington University, USA

Two UV Pathways to Melanoma

Monday, June 25, 2012: Photomedicine and Photoimmunology - Offered Papers - 11:00-1:00

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Diaz-Espinosa, Yisaira

University of Puerto Rico-Rio Piedras Campus, Puerto Rico

Towards Understanding the Photoreaction Mechanism of Photosensitizer Dyes in Presence of Alkylating Quinones Using Nanosecond Laser technique

Sunday, June 24, 2012: Poster Session with Refreshments - 6:00-9:00

Donahue, Laura

Loyola University, USA

Synthesis of a Photosensitizer for Photodynamic Therapy

Sunday, June 24, 2012: Poster Session with Refreshments - 6:00-9:00

Dowdy, John C.

Rapid Precision Testing Laboratories, USA

Photobiological Safety Evaluation of UV Fingernail Polish Curing Lamps

Wednesday, June 27, 2012: Applied Photobiology - Lighting Health and Safety Issues - 2:15-4:15

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Variation in Pre-Vitamin D3 Effective Irradiance of UV Tanning Devices

Tuesday, June 26, 2012: Indoor Tanning: Previously Unasked Questions - 1:15-3:15

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Drouin, Regen

Div Genet, FMHS, Univ de Sherbrooke, Canada

Compared to UVC, UVB Irradiation Generates in Cellulose more Cyclobutane Pyrimidine Dimers at CC Dipyrimidine Sites

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Dumoulin, Fabienne

Gebze Institute of Technology, Turkey

Rational Design and Synthesis of Phthalocyanines for Photodynamic Therapy

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Dunn, Andrew

University of Texas at Austin, USA

Three-Dimensional Imaging of Microvascular Oxygen Tension during Stroke

Monday, June 25, 2012: Oxygen Effects and New Optical Probes - 11:00-1:00

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Enk, Claes D.

Hadassah-Hebrew University Medical School, Israel

Cutaneous Leishmaniasis - An Attractive Target for Photodynamic Therapy

Monday, June 25, 2012: Photochemical Inactivation of Pathogens - Medical and Environmental Applications - 2:15-4:15

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Erramilli, Shyamsunder

Boston University, USA

Photothermal Microspectroscopy with Femtosecond Lasers, Quantum Cascade Lasers on Plasmonic Metamaterials and Biological systems

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Erzinger, Gilmar Sidnei

Universidade da Região de Joinville - Univille, Brazil

Photosynthetic Activity Under UVR Exposure and Nutrient Addition of Phytoplankton from Coastal Sites off São Francisco do Sul, Santa Catarina (Southern Brazil)

Monday, June 25, 2012: Poster session with Refreshments - 06:00-09:00

Ethirajan, Manivannan

Roswell Park Cancer Institute, USA

Near Infra-Red Cyanine Dye Based Fluorophores for Tumor Imaging

Monday, June 25, 2012: Poster session with Refreshments - 06:00-09:00

Evans, Conor

Imaging and Treating Hypoxic Tumor Cell Populations

Monday, June 25, 2012: Oxygen Effects and New Optical Probes - 11:00-1:00

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Farhadi, Arash

Department of Medical Biophysics, University of Toronto, Canada

Tumour-Targeted SERS Probes using Novel Raman Active Metallo-Porphyrin Gold Nanoparticles

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Fateye, Babasola

University of the Sciences in Philadelphia, USA

Role of PDT-Mediated Disruption of Autophagy in the Efficacy of Treatment of NVP-BE235-Resistant Cells

Tuesday, June 26, 2012: PDT - Offered Papers - 03:45-05:45

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Felgenträger, Ariane

University of Regensburg, Germany

Singlet Oxygen Luminescence Originating from Polymeric Matrices

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Finlay, Jarod

Optical Dosimetry and Spectroscopy in Clinical Intraoperative PDT

Wednesday, June 27, 2012: Optical Dosimetry - 11:00-1:00

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Foster, Jeremy

Molecular Parasitology Division, New England Biolabs, USA

Development of Photodynamic Therapy for Parasitic Filarial Nematodes

Monday, June 25, 2012: Photochemical Inactivation of Pathogens - Medical and Environmental Applications - 2:15-4:15

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Frochot, Céline

LRGP CNRS-Lorraine University, France

Multifunctional Nanoparticles for Vascular-Targeted Interstitial Photodynamic Therapy of Brain Tumors Guided by Real-Time MRI

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Gaertner, Wolfgang

Max-Planck-Institute for Bioinorganic Chemistry, Germany

Microbial Photoreceptors - Essentials for Bacterial Lifestyle and Trendy Applications

Sunday, June 24, 2012: Optogenetics and Biotechnological Applications of Biological Photoreceptors - 11:00-12:45

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Gallagher-Colombo, Shannon

University of Pennsylvania, USA

Molecular Consequences of Combining Photodynamic Therapy and Inhibition of Epidermal Growth Factor Receptor

Wednesday, June 27, 2012: Translational Photobiology: Bidirectionally Informed Therapeutic Parameters & Model Development - 2:15-4:15

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Garcia-Berrios, Zulma I

University of Puerto Rico - Rio Piedras Campus, Puerto Rico

Photodegradation Mechanisms of 1-Nitropyrene, an Environmental Pollutant

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Garcia, Guillaume

Institut Curie, France

New Design of Targeted Photosensitizer Dimers for One-Photon and Two Photon Photodynamic Therapy

Sunday, June 24, 2012: Frontiers of Drug Delivery in Photomedicine - 4:00-5:30

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Gardner, Kevin

UT Southwestern Medical Center, USA

Development and Optimization of LOV-Based Photosensors

Sunday, June 24, 2012: Optogenetics and Biotechnological Applications of Biological Photoreceptors - 11:00-12:45

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Garrier, Julie

Centre Alexis Vautrin, CRAN laboratory, Université de Lorraine, CNRS UMR 7039, France

Vascular and Cellular Damage Photoinduced in Chorioallantoic Membrane Model by Foslip® and Fospeg® : Influence of mTHPC Release from Liposomes

Tuesday, June 26, 2012: PDT - Offered Papers - 03:45-05:45

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Gavaldá Corchado, Salvador

University of Puerto Rico-Río Piedras Campus, Puerto Rico

Photochemistry of 4 Nitrofluorathene Isomers

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Gendron, Sébastien P.

LOEX/CUO-Recherche, Centre de Recherche du CHA and Département d'Ophtalmologie, Université Laval, Canada

Mitochondrial DNA Common Deletion in Human Eye: A Biomarker of Ocular Solar Exposure?

Sunday, June 24, 2012: DNA Damage - 2:00-3:30

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Girotti, Albert

Medical College of Wisconsin, USA

Signaling Events Associated with Stress Upregulation of Cytoprotective Nitric Oxide Synthase in a Photodynamic Therapy Model

Monday, June 25, 2012: Microenvironment and Protein Kinase Signaling in Photobiology - 2:15-4:15

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Glidden, Michael

Wellman Center for Photomedicine, Massachusetts General Hospital, Harvard Medical School, USA

Image-Based Photosensitizer Uptake, Localization, and Photobleaching (iPULP) Assay: a Theranostic Tool for Informed Optimization of PDT Parameters

Sunday, June 24, 2012: Poster Session with Refreshments - 6:00-9:00

Godar, Dianne

Food and Drug Administration, USA

Ultraviolet Radiation and Oral Cancer Incidences in the United States.

Monday, June 25, 2012: Photomedicine and Photoimmunology - Offered Papers - 11:00-1:00

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UVB Exposures Can Increase Risks for Oral Cancers.

Monday, June 25, 2012: Photomedicine and Photoimmunology - Offered Papers - 11:00-1:00

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Godin, Robert

Department of Chemistry, McGill University, Canada

Probe - Superresolution Dye Duality: Intrinsic Photophysical Processes of Bodipy Cores Uncovered at the Single Molecule Level

Sunday, June 24, 2012: Poster Session with Refreshments - 6:00-9:00

Gollnick, Sandra

Roswell Park Cancer Institute, USA

Photodynamic Therapy and Anti Tumor Immunity

Monday, June 25, 2012: Photoimmunology and PDT-Induced Immunology - 8:30-10:30

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Gomelsky, Mark

University of Wyoming, USA

Synthetic, Bacteriophytochrome-Based Photoregulatory Systems

Sunday, June 24, 2012: Optogenetics and Biotechnological Applications of Biological Photoreceptors - 11:00-12:45

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Gomer, Charles

University of Southern California, USA

Angiogenic and vasculogenic Effects Associated with Photodynamic Therapy

Sunday, June 24, 2012: Vascular Effects of Light - 4:00-5:30

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Modulating Photodynamic Therapy Responsiveness by Targeting the Tumor Microenvironment

Monday, June 25, 2012: Microenvironment and Protein Kinase Signaling in Photobiology - 2:15-4:15
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Role of Survivin and HSP-90 in Cellular Responses to PDT

Tuesday, June 26, 2012: Modulation of Cellular Responses in PDT - 1:15-3:15
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Gorton, Holly

St. Mary's College of Maryland, USA

Blue Iridescence in the Tropical Fern *Microsorium thalictroides*

Monday, June 25, 2012: Poster session with Refreshments - 06:00-09:00

Gotshall, Alexandra

College of Charleston, USA

Tissue Phantom for Fluorescence and Reflectance Experiments

Monday, June 25, 2012: Poster session with Refreshments - 06:00-09:00

Graf, Benedikt

University of Illinois at Urbana-Champaign, USA

Time-Lapse Multi-Modal Microscopy of Bone Marrow Derived Cell Dynamics During Cutaneous Wound healing and Regeneration

Monday, June 25, 2012: Imaging and Spectroscopy - 8:30-10:30
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Grant, William

Sunlight, Nutrition and Health Research Center, USA

Use of occupation to determine role of solar UVB in reducing risk of cancer in Nordic countries

Tuesday, June 26, 2012: Indoor Tanning: Previously Unasked Questions - 1:15-3:15
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Greene, Lana

McGill University, Canada

Characterization and Spectroscopic Properties of a Fluorogenic Ubiquinone/Ubiquinol Probe

Wednesday, June 27, 2012: Photochemistry - Offered Papers - 11:00-01:00
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Greer, Alexander

CUNY Brooklyn College, USA

Generating Singlet Oxygen Bubbles: Aiming for PDT and Wound Disinfection Application

Wednesday, June 27, 2012: Photoinduced Phenomena in Chemistry and Physics - 11:00-1:00
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Photooxidation of Hydrazones for the Photorelease of N-Nitrosoamines

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Sensitizer Photorelease Behavior of a Fiber-Optic Implement Bearing a Fluorinated Probe Tip

Monday, June 25, 2012: Poster session with Refreshments - 06:00-09:00

Greinert, Ruediger

Elbcliniken Stade/Buxtehude, Germany

UVA-Induced Epigenetic Regulation of Tumor Suppressor and miRNA Gene Expression

Monday, June 25, 2012: Epigenetics Effects of UVB Irradiation - 11:00-1:00
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Griffioen, Arjan

Angiogenesis Laboratory, The Netherlands

Surface Vimentin a Novel Target for Drug Delivery to the Tumor Endothelium

Sunday, June 24, 2012: Vascular Effects of Light - 4:00-5:30
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Grigalavicius, Mantas

Department of Radiation Biology, The Norwegian Radium Hospital, Norway

Penetration of Optical Radiation into Tissue

Monday, June 25, 2012: Poster session with Refreshments - 06:00-09:00

Gudmundsdottir, Anna

University of Cincinnati, USA

Radicals and Photocages

Wednesday, June 27, 2012: Photoinduced Phenomena in Chemistry and Physics - 11:00-1:00

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Gupta, Anurag

Roswell Park Cancer Institute, USA

A Biocompatible Polyacrylamide Nanoplatfrom That Does It All

Sunday, June 24, 2012: Poster Session with Refreshments - 6:00-9:00

Guvendiren, Murat

University of Pennsylvania, USA

Photopolymerization in Tissue Engineering and Controlling Stem Cell Behavior

Tuesday, June 26, 2012: Free Radical Chemistry and Applications - 3:45-5:45

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Haidaris, Constantine

University of Rochester Medical Center, USA

Feasibility of Photodynamic Therapy for Treating Infected Abscesses

Monday, June 25, 2012: Antimicrobial PDT - 4:45-6:15

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Hamblin, Michael

Harvard-MIT Division of Health Science and Technology, USA

Mechanisms of Action of Transcranial Laser Therapy for Traumatic Brain Injury and Beyond

Sunday, June 24, 2012: Low Level Light Therapy - 2:00-3:30

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Hanada, Kentaro

National Institute of Infectious Diseases, Japan

A Model of Intracellular Trafficking of the Lipid Ceramide

Tuesday, June 26, 2012: Sphingolipids Mediators in Photobiology - 3:45-5:45

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Hannun, Yusuf

MUSC, USA

Sphingomyelinases and Ceramide in Cell Regulation

Tuesday, June 26, 2012: Sphingolipids Mediators in Photobiology - 3:45-5:45

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Hasan, Tayyaba

Wellman Center for Photomedicine, USA

Photodynamic Therapy: A Bridge Between Photobiology, Photochemistry and Technology

Tuesday, June 26, 2012: President's Lecture - 11:00-12:00

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Henson, Greg

Henson, Heartland Tanning, USA

Indoor Tanning Equipment 2012 Versus 1992: Improved Salon Controls That Changed an Industry

Tuesday, June 26, 2012: Indoor Tanning: Previously Unasked Questions - 1:15-3:15

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He, Yu-Ying

University of Chicago, USA

Genetic and Environmental Regulation of UV-Induced DNA Damage Repair

Wednesday, June 27, 2012: Impact of UVA-UVB on Cell Signaling - 2:15-4:15

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Hill, Helene

NJ Medical School, USA

The need for Access to Raw Data Used In Reports and Publications- QUI TAM, A Radiobiology Case In Point

Sunday, June 24, 2012: Poster Session with Refreshments - 6:00-9:00

Hoel, David

Medical University of South Carolina, USA

IARC's Estimate of Melanoma Risk from Sunbed use in Young Adults
Tuesday, June 26, 2012: Indoor Tanning: Previously Unasked Questions - 1:15-3:15
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Horak, Werner

Siemens AG, Germany

Progress with CIE and IEC Photobiological Lamp Safety Standards

Wednesday, June 27, 2012: Applied Photobiology - Lighting Health and Safety Issues - 2:15-4:15

02:50-03:05

Hsieh, Paul

Laboratory of Biology of Algae, Department of Biology, University of Rome, Tor Vergata, Italy

Potential for Using Sensitizer-free Photodynamic Treatment to Inhibit Phototrophic Biofilms on Historic Monuments

Tuesday, June 26, 2012: Photobiology and Environmental Photobiology - Offered Papers - 01:15-03:15

01:45-01:55

Huang, Huang-Chiao

Arizona State University, USA

Plasmonic Biomaterials for Drug Delivery and Laser Tissue Welding

Sunday, June 24, 2012: ASP/ESP Joint Symposium: Nanotechnology - Part II - 2:00-3:30

02:00-02:20

Idorn, Luise Winkel

Bispebjerg Hospital, University of Copenhagen, Dermatological Research Department, Denmark

Changes in Sun Exposure from Before to after a Diagnosis of Cutaneous Malignant Melanoma: Estimated by Developments in Serum Vitamin D, Skin Pigmentation and Interviews

Monday, June 25, 2012: Photomedicine and Photoimmunology - Offered Papers - 11:00-1:00

11:20-11:30

James, Nadine

Roswell Park Cancer Institute, USA

Effective Tumor Imaging and Photodynamic Therapy (PDT) via FRET Minimization of Photosensitizer-Fluorophore Conjugates

Sunday, June 24, 2012: Poster Session with Refreshments - 6:00-9:00

Jeevan, Amminikutty

Texas A& M Health Science Center, USA

Effect of Supernatants from UV-Irradiated Epidermal Cells on Mycobacterium Bovis BCG Vaccination in Guinea Pigs

Tuesday, June 26, 2012: Photobiology and Environmental Photobiology - Offered Papers - 01:15-03:15

02:15-02:25

Jeffrey, Wade

University of West Florida, USA

Some Might Like it Cold: Antarctic UV Photobiology

Tuesday, June 26, 2012: Photobiology of Extremophiles - 3:45-5:45

03:45-04:15

Jermyn, Michael

Thayer Engineering, Dartmouth College, USA

Photodynamic Therapy Light Dose Verification

Wednesday, June 27, 2012: Optical Dosimetry - 11:00-1:00

12:50-01:00

Jin, Cheng

University of Toronto, Canada

Porphyosomes: Intrinsically Multifunctional Nanovesicles for Photothermal Therapy

Sunday, June 24, 2012: ASP/ESP Joint Symposium: Nanotechnology - Part I - 11:00-12:30

12:10-12:20

Porphyosomes: Multifunctional Nanovesicles to Treat Hypoxic Tumour by Photothermal Therapy

Sunday, June 24, 2012: ASP/ESP Joint Symposium: Nanotechnology - Part II - 2:00-3:30

02:50-03:00

Johnson, David

The Virginia Harris Cockrell Cancer Research Center at The University of Texas MD Anderson Cancer Center Science Park, USA

The E2F1 Transcription Factor Promotes DNA Repair by Inducing Histone Acetylation at Sites of Damage.

Monday, June 25, 2012: DNA Repair of Chromatin - 8:30-10:30
09:30-10:00

Jones, RoJenia

Loyola University Chicago, USA

Characterization and Testing of Hemoglobin-Based, Folate-Targeted Photodynamic Therapy Agents

Monday, June 25, 2012: Poster session with Refreshments - 06:00-09:00

Jori, Giulio

Department of Biology, University of Padova, Italy

Photodynamic Processes as a Tool for the Prevention and Control of Vector-Borne Diseases

Monday, June 25, 2012: Photochemical Inactivation of Pathogens - Medical and Environmental Applications - 2:15-4:15

02:45-03:15

Joshi, Penny

Roswell Park Cancer Institute, USA

Synthesis, Photophysical and in-vitro Photodynamic Efficacy of Ketobacteriochlorins Derived from Ring-B and Ring-D Reduced Chlorins

Sunday, June 24, 2012: Poster Session with Refreshments - 6:00-9:00

Juzenas, Petras

Radiumhospital, Oslo University Hospital, Norway

Nanoparticles Enhance Sensitivity of Cancer Cells to Radiation

Sunday, June 24, 2012: ASP/ESP Joint Symposium: Nanotechnology - Part II - 2:00-3:30

03:10-03:20

Juzeniene, Asta

The Norwegian Radium hospital, Oslo University Hospital, Norway

Enhancement of Topical PDT using Temperature Modifications and Other Physical Methods

Tuesday, June 26, 2012: Modulation of Cellular Responses in PDT - 1:15-3:15

02:15-02:35

Kanick, Stephen

Thayer School of Engineering, Dartmouth College, USA

Towards Quantitative Fluorescence Spectroscopy in Localized Tissue Volumes for Photodynamic Therapy Dosimetry: Correction for Scattering and Absorption Effects

Wednesday, June 27, 2012: Optical Dosimetry - 11:00-1:00

11:20-11:40

Karaman-Jurukovska, Nevena

Estee Lauder Research Laboratories, USA

The Resveratrol Induces Expression of B-Defensin 2 in Keratinocytes

Monday, June 25, 2012: Poster session with Refreshments - 06:00-09:00

Karatani, Hajime

Kyoto Institute of Technology, Japan

Effect of Oxygen Stimulation on Dynamic Bioluminescence Pattern on Luminous Colony

Sunday, June 24, 2012: Poster Session with Refreshments - 6:00-9:00

Visualization of Mitochondria in Living Cells Using a Redox Yellow Fluorescent Protein with a Mitochondrial Targeting Signal

Monday, June 25, 2012: Imaging and Spectroscopy - 8:30-10:30

09:52-10:04

Kasimova, Kamola

Republican Research Center of Emergency Medicine of Uzbekistan, Uzbekistan

Paradoxical Potentiation of Antimicrobial Photoinactivation by Sodium Azide using Seven Phenothiazinium Photosensitizers

Tuesday, June 26, 2012: PDT - Offered Papers - 03:45-05:45

03:45-03:55

Kaufmann, William

UNC-CH, USA

Solar Radiation Melanomagenesis: Development of a UV-Mutator Phenotype

Wednesday, June 27, 2012: Impact of UVA-UVB on Cell Signaling - 2:15-4:15

02:35-02:55

Kessel, David

Wayne State University School of Medicine, USA
Cell Death Pathways after Lysosomal Photodamage
Sunday, June 24, 2012: Mechanisms of Cell Death - 11:00-12:30
11:15-11:30

Khan, Shazia
Harvard Medical School and Massachusetts General Hospital, USA
A Rapid Photometric Assay for Simultaneous Determination of Antibiotic Susceptibility and Beta-Lactamase Resistance
Monday, June 25, 2012: Poster session with Refreshments - 06:00-09:00

Kimm, Simon
Memorial Sloan-Kettering Cancer Center, USA
Optimizing Array-Based Delivery of Photodynamic Therapy of Multiple Organs in a Large Animal Model
Monday, June 25, 2012: Cell or Vessel: A Debate on Effective Photobiology - 4:45-6:15
05:55-06:05

Knak, Alena
University Hospital Regensburg, Germany
UVB Radiation Generates not only Singlet Oxygen but is also able to Change Endogenous Photosensitizers - Potential New Pathways of Cell Damage?
Sunday, June 24, 2012: Poster Session with Refreshments - 6:00-9:00

Knobler, Robert
Dept of Dermatology, University of Vienna, Austria
The Influence of Extracorporeal Photochemotherapy on Global gene Expression Profiles in Lymphocyte Subsets
Sunday, June 24, 2012: Poster Session with Refreshments - 6:00-9:00

Kochevar, Irene
Wellman Center for Photomedicine, Massachusetts General Hospital, USA
Photo-Crosslinking Corneal Collagen to Treat Keratoconus
Wednesday, June 27, 2012: Photochemistry - Offered Papers - 11:00-01:00
11:50-12:00

Photocrosslinking Proteins for Tissue Repair
Tuesday, June 26, 2012: Free Radical Chemistry and Applications - 3:45-5:45
03:45-04:15

Kolb-Bachofen, Victoria
Immunobiology, Med. Fac., heinrich-Heine-University, Germany
Expression of Inducible NO-synthase During UV-Exposure of Human Skin: Friend or Foe?
Tuesday, June 26, 2012: UVA/B Release of Nitric Oxide from Dermal Stores: Systemic Benefits - 1:15-3:15
01:45-02:15

Toll-Like Receptor 10 (TLR10) Expression Protects Against UV-Induced Cell Damage
Wednesday, June 27, 2012: Impact of UVA-UVB on Cell Signaling - 2:15-4:15
03:55-04:05

Kollias, Nikiforos
n/a, USA
Facultative Pigmentation in Human Skin Induced with Ultraviolet Radiation or with Visible Light
Tuesday, June 26, 2012: Indoor Tanning: Previously Unasked Questions - 1:15-3:15
01:15-01:30

Korbelik, Mladen
British Columbia Cancer Agency, Canada
Sphingolipid Activity in Tumors Treated by Photodynamic Therapy and its Exploitation for Therapeutic Gain
Tuesday, June 26, 2012: Sphingolipids Mediators in Photobiology - 3:45-5:45
05:30-05:45

Lamore, Sarah D.
Pharmacology and Toxicology, College of Pharmacy and Arizona Cancer Center, University of Arizona, USA
Chronic UVA Exposure Causes Autophagic-Lysosomal Blockade in Dermal Fibroblasts by Dual Inactivation of Cathepsin B and L
Wednesday, June 27, 2012: Impact of UVA-UVB on Cell Signaling - 2:15-4:15
03:45-03:55

Lange, Norbert
University of Geneva, Switzerland

The Use of Ultrafast Quenching Phenomena in Biomedical Optics

Wednesday, June 27, 2012: Photoinduced Phenomena in Chemistry and Physics - 11:00-1:00

12:15-12:30

Learn, Douglas

Charles River Laboratories Preclinical Services, USA

Correlation of Ophthalmological Observations and Histopathological Findings of Phototoxicity in Preclinical Drug Development

Monday, June 25, 2012: Poster session with Refreshments - 06:00-09:00

The ICH S10 DRAFT Guidance on Photosafety Evaluation of Pharmaceuticals: Potential Changes in Photosafety Testing

Monday, June 25, 2012: Photomedicine and Photoimmunology - Offered Papers - 11:00-1:00

12:10-12:20

Lilge, Lothar

University of Toronto, Canada

Effect of Hypothermia on the Intracellular PPIX and Porphyrinogen synthesis and the Resulting PDT Effect in Brain Tumour Cell Lines

Monday, June 25, 2012: Imaging and Spectroscopy - 8:30-10:30

09:10-09:25

Optical Monitoring of the Immediate LLLT Biochemical Effects Using Cytochrome C as Target in ex vivo Model Systems

Sunday, June 24, 2012: Low Level Light Therapy - 2:00-3:30

03:00-03:20

Lin, Charles

Massachusetts General Hospital, USA

Direct Visualization and Characterization of the Bone Marrow Hematopoietic Stem cell Niche In Vivo

Sunday, June 24, 2012: Kendrick C. Smith Symposium: Emerging Light Technologies (Magnetomotive Imaging; Optogenetics; & Imaging Stem Cell Niche) - 9:00-10:30

09:55-10:15

Lin, Qiaoya

Campbell Family Cancer Research Institute and Ontario Cancer Institute, University Health Network, Canada

In Vivo Near Infrared Fluorescence Imaging of Efficient Systemic siRNA Delivery with HDL-Mimicking Peptide Lipid Nanoparticles

Sunday, June 24, 2012: ASP/ESP Joint Symposium: Nanotechnology - Part II - 2:00-3:30

03:00-03:10

Study on the Cytosolic Delivery Mechanism of HDL-Mimicking Peptide-Phospholipid Scaffold (HPPS) By Confocal Microscopy

Monday, June 25, 2012: Poster session with Refreshments - 06:00-09:00

Li, Shisheng

Louisiana State University, USA

Histone H3 lysine 79 Methylation and Nucleotide Excision Repair

Monday, June 25, 2012: DNA Repair of Chromatin - 8:30-10:30

09:00-09:30

Liu, Yuan

University of Illinois at Urbana-Champaign, USA

Multimodal Nonlinear Optical Imaging of Breast Cancer Microenvironments and Gold Nanorods by Pulse-Shaping Fiber Supercontinuum

Monday, June 25, 2012: Imaging and Spectroscopy - 8:30-10:30

10:16-10:28

Livneh, Zvi

Weizmann Institute of Science, Israel

Nuclear Analysis of Translesion DNA Synthesis Across UV-Light DNA Damage in Human Cells

Sunday, June 24, 2012: Mechanisms of Mutagenesis - 4:00-5:30

04:30-05:00

Li, Zhuzhu

University of the Sciences in Philadelphia, USA

Combination of Vascular-Targeted Photodynamic Therapy (VTP) with Bortezomib Enhances Endothelial Cell (SVEC) Response to Photodynamic Therapy

Monday, June 25, 2012: Microenvironment and Protein Kinase Signaling in Photobiology - 2:15-4:15

03:55-04:14

Loppnow, Glen

University of Alberta, Canada

Simple Methods for DNA and RNA Damage Detection

Monday, June 25, 2012: Poster session with Refreshments - 06:00-09:00

Lovell, Jonathan

University at Buffalo, USA

Biomedical Opportunities for New Porphyrin Nano-Architectures

Sunday, June 24, 2012: Frontiers of Drug Delivery in Photomedicine - 4:00-5:30

04:20-04:40

Malik, Zvi

Life Sciences Faculty, Israel

ALA-Photodynamic Therapy: Targeting Disturbed Onco-Metabolism of the Heme Pathway in the Single Tumor Cell

Monday, June 25, 2012: Cell or Vessel: A Debate on Effective Photobiology - 4:45-6:15

05:05-05:15

Mallet, Justin D.

LOEX/CUO-Recherche, Centre de Recherche du CHA and Département d'Ophtalmologie, Université Laval, Canada

Preferential Repair of UV-Induced Cyclobutane Pyrimidine Dimers in the Human Corneal Epithelium

Monday, June 25, 2012: DNA Repair of Chromatin - 8:30-10:30

10:00-10:10

Mallidi, Srivalleesha

Wellman Center for Photomedicine, USA

A Clinical Study Evaluating Singlet Oxygen Luminescence and Photosensitizer Fluorescence as Predictors in ALA-PDT Treatment

Wednesday, June 27, 2012: Optical Dosimetry - 11:00-1:00

12:20-12:30

Marionnet, Claire

L'Oreal Research and Innovation, France

Biological Effects of Longwave UVA (UVA-1) on Human Reconstructed Skin

Monday, June 25, 2012: Poster session with Refreshments - 06:00-09:00

Marko, Aimee

Rowell Park Cancer Institute, USA

In vitro Structure Activity Relationship (SAR) of Positional Isomers Related to Near Infra-Red Bacteriopurpurinimide

Monday, June 25, 2012: Poster session with Refreshments - 06:00-09:00

Massodi, Iqbal

Massachusetts General Hospital, USA

Differential Therapeutic Response and Altered Activation of Cell Death Pathways in 2D Versus 3D Tumor Models

Sunday, June 24, 2012: Mechanisms of Cell Death - 11:00-12:30

Mattoussi, Hedi

Chemistry and Biochemistry, USA

Nanocrystals as tunable Platforms for Chemical Reactions and Biological Imaging

Sunday, June 24, 2012: ASP/ESP Joint Symposium: Nanotechnology - Part II - 2:00-3:30

02:20-02:40

Maytin, Edward

Cleveland Clinic, USA

Use of Vitamin D and Other Small Molecules to Enhance PDT Outcome

Tuesday, June 26, 2012: Modulation of Cellular Responses in PDT - 1:15-3:15

01:35-01:55

McDonagh, Antony

University of California San Francisco, USA

Unsensitized Phototherapy with Visible Light and its Application, and Mechanism, for Prevention of Keratinocytes

Tuesday, June 26, 2012: Research Award Lecture - 9:30-10:30

09:40-10:30

Mensah, Lawrence

Harvard Medical School, Massachusetts General Hospital, USA

Targeted PDT Combination Therapies with Receptor Tyrosine Kinases Inhibitors
Sunday, June 24, 2012: Poster Session with Refreshments - 6:00-9:00

Metreveli, Nunu

Ilia State University, Institute of Biophysics, Georgia

Mechanisms of the Influence of UV Irradiation on Collagen

Sunday, June 24, 2012: Poster Session with Refreshments - 6:00-9:00

Miller, Naomi

Broader Photobiological Implications of Solid-State Lighting

Wednesday, June 27, 2012: Applied Photobiology - Lighting Health and Safety Issues - 2:15-4:15

02:35-02:50

Morgan, Janet

Roswell Park Cancer Institute, USA

Agents Intended for Optimizing PpIX Synthesis in ALA-PDT of Tumors may Expand Tumor Populations with Inherent Resistance to Cancer Therapies

Tuesday, June 26, 2012: PDT - Offered Papers - 03:45-05:45

05:5-05:15

Mou, Tongsheng

Zhejiang University, China

Measurement Of Light Exposure On The Retina For Photobiological Applications

Tuesday, June 26, 2012: Photobiology and Environmental Photobiology - Offered Papers - 01:15-03:15

01:55-02:05

Mujtaba, Syed Faiz

Indian Institute of Toxicology Research (IITR), India

Photodynamic action of Anthraquinone at Ambient UV-R: A Mechanistic Study

Wednesday, June 27, 2012: Photochemistry - Offered Papers - 11:00-01:00

12:40-12:50

Nair, Sindhu

University of Alberta, Canada

Multiplexed UVC-Induced Sequence-Dependent DNA Damage Detection in 96-Well Plates

Monday, June 25, 2012: Poster session with Refreshments - 06:00-09:00

Nakano, Eiji

Kobe University, Japan

Five Case Reports of Xeroderma Pigmentosum Group D Without Neurological Symptoms

Monday, June 25, 2012: DNA Repair of Chromatin - 8:30-10:30

10:10-10:20

Nieminen, Anna-Liisa

Medical University of South Carolina, USA

Mitochondrial Iron Uptake Through Mitoferrin2 Sensitizes Human Head and Neck Cancer Cells to Photodynamic Therapy

Sunday, June 24, 2012: Mechanisms of Cell Death - 11:00-12:30

11:30-11:45

Routes to Achieving "Bright" Near-Infrared Fluorescing Nanoparticles: Controlling Chromophore Aggregation

Monday, June 25, 2012: Poster session with Refreshments - 06:00-09:00

Noonan, Frances

Department of Microbiology, Immunology and Tropical Medicine, The George Washington University, USA

Mast Cell-Dependent Neonatal Immune Tolerance and UV Melanoma

Monday, June 25, 2012: Photomedicine and Photoimmunology - Offered Papers - 11:00-1:00

11:30-11:40

Nowak-Sliwinska, Patrycja

Medical Photonics Group, Institute of Chemical Sciences and Engineering, Swiss Federal Institute of Technology (EPFL), Switzerland

Assessment of the Tissue Oxygenation in Vivo by Measuring the Luminescence Lifetime of Ru(Phen)₃²⁺ as Poorly Photosensitizing Probe

Monday, June 25, 2012: Poster session with Refreshments - 06:00-09:00

Autocrine Regulation of High-Mobility Group Box 1 in Tumor Angiogenesis and Sustained Photodynamic Efficacy

Monday, June 25, 2012: Poster session with Refreshments - 06:00-09:00

In Vivo Measurement of PpIX Delayed Fluorescence Lifetime to Monitor Tissue Oxygen During Photodynamic Therapy

Monday, June 25, 2012: Oxygen Effects and New Optical Probes - 11:00-1:00

12:50-01:00

Selective Photodynamic Occlusion of Lymphatic Vessels

Sunday, June 24, 2012: Vascular Effects of Light - 4:00-5:30

04:30-04:45

Verteoporphin-PDT in Combination with Tyrosine Kinase Inhibitors on Human Ovarian Carcinoma Model

Wednesday, June 27, 2012: Photochemistry - Offered Papers - 11:00-01:00

Obeid, Lina

Northport VA medical Center, USA

Bioactive Sphingolipids in the Regulation of Inflammation and Cancer

Tuesday, June 26, 2012: Sphingolipids Mediators in Photobiology - 3:45-5:45

04:15-04:45

Ogilby, Peter R.

Aarhus University, Denmark

Singlet Oxygen in Mammalian Cells: Controlling its Photosensitized Production and Monitoring its Removal

Monday, June 25, 2012: Oxygen Effects and New Optical Probes - 11:00-1:00

12:05-12:25

O'Hagan, John

Health Protection Agency, UK

Ground UVR Measurements for the ICEPURE Project

Monday, June 25, 2012: Impact of Climate and Environmental Factors on Personal UVR Exposure and Human Health - 2:15 - 4:15

02:25-02:45

Photobiological Safety Assessments of Entertainment Lighting

Wednesday, June 27, 2012: Applied Photobiology - Lighting Health and Safety Issues - 2:15-4:15

03:35-03:50

Photobiological Safety of LEDs in Toys

Wednesday, June 27, 2012: Applied Photobiology - Lighting Health and Safety Issues - 2:15-4:15

03:05-03:20

Oleinick, Nancy

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Apoptosis and Autophagy in the Death of Cancer Cells from Photodynamic Therapy

Sunday, June 24, 2012: Mechanisms of Cell Death - 11:00-12:30

11:00-11:15

Olsen, Ken

Loyola University, USA

Development of Folate-Targeted Protein-Based Photodynamic Therapy Agents

Tuesday, June 26, 2012: PDT - Offered Papers - 03:45-05:45

04:35-04:45

Omobono, Mark

Plastic Surgery Research Laboratory, Department of Surgery, Massachusetts General Hospital, USA

Photochemical Crosslinking Stabilizes Protein Hydrogels for Cartilage Regeneration

Wednesday, June 27, 2012: Photochemistry - Offered Papers - 11:00-01:00

11:30-11:40

Opländer, Christian

Department of Plastic and Reconstructive Surgery, Hand Surgery, and Burn Center, Medical Faculty, RWTH Aachen University, Germany

Effects of Blue Light Irradiation on Human Dermal Fibroblasts

Wednesday, June 27, 2012: Light Effects in Dermatology - 11:00-1:00

12:30-12:40

Ortel, Bernhard

Phototherapy - Decline or Revival

Wednesday, June 27, 2012: Light Effects in Dermatology - 11:00-1:00
11:00-11:18

Passantino, Lisa

Nelson Institute of Environmental Medicine, New York University School of Medicine, USA

The Effect of UVR Exposure on Epigenetic Mechanisms that Govern Photoaging in Human Skin Cells

Monday, June 25, 2012: Poster session with Refreshments - 06:00-09:00

Patel, Nayan

Roswell Park Cancer Institute, USA

Fluorescence Imaging Guided Therapy using Near-Infrared Absorbing Photosensitizers

Monday, June 25, 2012: Poster session with Refreshments - 06:00-09:00

Patel, Pooja

College of Charleston, USA

Photosensitizer Quantification with Fluorescence Ratio Method

Monday, June 25, 2012: Poster session with Refreshments - 06:00-09:00

Patel, Rakesh

University of Alabama at Birmingham, USA

From NO to Nitrite and Nitrate....and Back Again: Novel Insights into NO-Homeostasis and Therapeutics

Tuesday, June 26, 2012: UVA/B Release of Nitric Oxide from Dermal Stores: Systemic Benefits - 1:15-3:15
01:15-01:45

Peng, Po-Chun

Department of Biochemical Science and Technology, College of Life Science, National Taiwan University, Taiwan

PEGylated Dual-Effect Liposome Containing Cisplatin and Ce6 Enhances the Therapeutic Effect in C-26 Tumor Model

Monday, June 25, 2012: Poster session with Refreshments - 06:00-09:00

Pereira Gonzales, Fernanda

University Hospital Regensburg, Germany

Role of *C. albicans* Heat Shock Protein 70 (HSP70) to Photodynamic Therapy

Monday, June 25, 2012: Poster session with Refreshments - 06:00-09:00

Perussi, Janice R.

Universidade de São Paulo, Brazil

Hypericin-Loaded Solid Lipid Nanoparticles for Photodynamic Therapy use

Sunday, June 24, 2012: Poster Session with Refreshments - 6:00-9:00

Perussi, Livia

Universidade Estadual Paulista, Brazil

Effects of Photodynamic Therapy with Hypericin in the Treatment of Induced Periodontal Disease In Vivo. Preliminary Results

Sunday, June 24, 2012: Poster Session with Refreshments - 6:00-9:00

Petersen, Bibi

Bispebjerg Hospital, Denmark

Holiday Studies: Behaviour, UVR-Exposure and Vitamin-D Formation Among Sun Worshippers and Skiers

Monday, June 25, 2012: Impact of Climate and Environmental Factors on Personal UVR Exposure and Human Health - 2:15 - 4:15
03:25-03:45

Pfeifer, Gerd

City of Hope, USA

Epigenetic Effects of UVB Irradiation

Monday, June 25, 2012: Epigenetics Effects of UVB Irradiation - 11:00-1:00
12:20-01:00

UVB-Induced Mutagenesis

Sunday, June 24, 2012: Mechanisms of Mutagenesis - 4:00-5:30
04:00-04:30

Philipsen, Peter A

Department of Dermatology, Bispebjerg Hospital, Denmark
Collection, Validation and Analyses of Personal UVR Exposure

Monday, June 25, 2012: Impact of Climate and Environmental Factors on Personal UVR Exposure and Human Health - 2:15 - 4:15
02:45-03:05

Piette, Jacques

University of Liège, Belgium

5-ALA-PDT Induces RIP3-Dependent Necrosis in Glioblastoma

Monday, June 25, 2012: Microenvironment and Protein Kinase Signaling in Photobiology - 2:15-4:15
03:17-03:36

Pyatnitskiy, Ilia

Russian National Research Medical University named after N.I. Pirogov, Russia

Suppression of Contact Hypersensitivity Induced by Psoralen Photooxidation Products is Realized Through Depression of Proliferative Activity and Alteration in the Cytokine Balance of Lymphocytes

Monday, June 25, 2012: Poster session with Refreshments - 06:00-09:00

Quinn, Rob

Indoor Tanning Salon Operation and Management 2012 versus 1992: Improved Salon Controls That Changed an Industry

Tuesday, June 26, 2012: Indoor Tanning: Previously Unasked Questions - 1:15-3:15
01:45-02:00

Rao, D.V.G.L.N.

University of Massachusetts, USA

Medical Image Processing with Thin Films of a Biomaterial

Monday, June 25, 2012: Imaging and Spectroscopy - 8:30-10:30
08:30-08:50

Rizvi, Imran

Wellman Center for Photomedicine, Massachusetts General Hospital, Harvard Medical School, USA

Integration of Physical and Stromal Influences with 3D Tumor Models to Inform PDT-based Combination Regimens

Wednesday, June 27, 2012: Translational Photobiology: Bidirectionally Informed Therapeutic Parameters & Model Development - 2:15-4:15
02:35-02:55

Robinson, Dominic

Erasmus MC, The Netherlands

The Role of PDT Dosimetry in Clinical Decision Making

Wednesday, June 27, 2012: Optical Dosimetry - 11:00-1:00
11:40-12:00

Rocha, Luís B.

Luzitin, SA, Portugal

In Vitro Comparative Study Between the Photosensitizers Photofrin®, Temoporfin and a Sulfonamide Bacteriochlorin for Photodynamic Therapy of Cancer

Monday, June 25, 2012: Poster session with Refreshments - 06:00-09:00

Rochette, Patrick

LOEX/CUO-Recherche, CHA research center and Ophthalmology department, Laval University, Canada

Ultraviolet-Induced DNA Damage in the Anterior Ocular Structures

Sunday, June 24, 2012: DNA Damage - 2:00-3:30
02:00-02:20

Roeder, Beate

Humboldt-Universitaet zu berlin, Germany

Luminescence Enhancement of Singlet Oxygen in an Aqueous Environment: Effects of Surface Plasmons of Gold Nanoparticles

Wednesday, June 27, 2012: Photoinduced Phenomena in Chemistry and Physics - 11:00-1:00
11:00-11:20

Rożanowska, Małgorzata

School of Optometry and Vision Sciences, Cardiff University, UK

Photodegradation of all-trans-Retinal Explains the Action Spectra of Acute Photodamage to the Retina

Monday, June 25, 2012: Photomedicine and Photoimmunology - Offered Papers - 11:00-1:00
12:30-12:40

Rubio, Noemi

University of Liège, Belgium

Role of Mitochondrial ROS in the Spatio-Temporal Autophagic Degradation of Oxidatively Damaged Organelles After Endoplasmic Reticulum-Initiated Photodynamic Stress

Tuesday, June 26, 2012: Photobiology and Environmental Photobiology - Offered Papers - 01:15-03:15

01:35-01:45

Unraveling the Role of the Autophagic Adaptors p62/SQSTM1 and NBR1 in the Activation of Autophagic Pathways After Hypericin-Sensitized Photodynamic Stress

Sunday, June 24, 2012: Mechanisms of Cell Death - 11:00-12:30

11:45-12:00

Russell, David

University of East Anglia, UK

Targeted Photodynamic Cancer Therapy using Bio-Functionalised Nanoparticles

Sunday, June 24, 2012: ASP/ESP Joint Symposium: Nanotechnology - Part I - 11:00-12:30

11:20-11:40

Sage, Evelyne

Institut Curie, CNRS, France

Genotoxic Effect of UVA : From DNA Damage Formation to Impaired DNA Replication Machinery

Sunday, June 24, 2012: DNA Damage - 2:00-3:30

02:40-03:00

Sakamoto, Fernanda H.

Wellman Center for Photomedicine, Massachusetts General Hospital, Harvard Medical School, USA

Lasers in Dermatology

Wednesday, June 27, 2012: Light Effects in Dermatology - 11:00-1:00

11:36-11:54

Samkoe, Kimberley

Dartmouth Medical School, USA

Vascular Effects of Verteporfin PDT in Pancreatic Cancer

Sunday, June 24, 2012: Vascular Effects of Light - 4:00-5:30

05:00-05:15

, Samuel

University of Dundee, UK

Fluorescence-Guided Resection of Glioma: Challenges and Success in Translating Preclinical Systems to the OR

Wednesday, June 27, 2012: Translational Photobiology: Bidirectionally Informed Therapeutic Parameters & Model Development - 2:15-4:15

02:55-03:15

Sarna, Tadeusz

Jagiellonian University, Poland

Generation of Reactive Oxygen Species Via Type I and Type II Photochemistry of WST11 in Different Microenvironments

Monday, June 25, 2012: Cell or Vessel: A Debate on Effective Photobiology - 4:45-6:15

05:15-05:35

Sayre, Robert M.

Division of Dermatology, Department of Medicine, University of Tennessee Health Science Center, USA

Solid-state Lighting for the UV Photosensitive Patient

Wednesday, June 27, 2012: Applied Photobiology - Lighting Health and Safety Issues - 2:15-4:15

03:20-03:35

Sunscreens Tested Outdoors in The 1980s and 2011

Monday, June 25, 2012: Photomedicine and Photoimmunology - Offered Papers - 11:00-1:00

12:50-01:00

Scalia, Santo

Department of Pharmaceutical Sciences, University of Ferrara, Italy

Photostability of Epigallocatechin-3-gallate in Topical Formulations: Effect of Sunscreen and Antioxidant Agents

Monday, June 25, 2012: Poster session with Refreshments - 06:00-09:00

Scherz, Avigdor

Weizmann Institute, Israel

Oxygen and Nitroxide Radicals Drive Tumor Ablation by Vascular Targeted Photodynamic Therapy with Tookad®-Soluble
Monday, June 25, 2012: Cell or Vessel: A Debate on Effective Photobiology - 4:45-6:15
05:35-05:55

Scheurich, René

Merck KGaA, Germany

Transformer Materials for Dynamic UV Protection

Wednesday, June 27, 2012: Photochemistry - Offered Papers - 11:00-01:00

11:10-11:20

Sears, Bryan

Massachusetts General Hospital, USA

Optimization and Evaluation of Nanophotoactivatable Liposomes for Combinatorial Drug Delivery to Pancreatic Cancer

Monday, June 25, 2012: Poster session with Refreshments - 06:00-09:00

Sears, R Bryan

Massachusetts General Hospital, USA

Using Nanotechnology for Multi-Compartmentalized Delivery of Photosensitizer and c-Met Inhibitor to Enhance Treatment of Cancer

Sunday, June 24, 2012: ASP/ESP Joint Symposium: Nanotechnology - Part I - 11:00-12:30

12:00-12:10

Selbo, Pål

Oslo University Hospital, Norwegian Radium Hospital, Norway

Targeting of Cancer Stem Cells by Photochemical Internalization

Monday, June 25, 2012: Microenvironment and Protein Kinase Signaling in Photobiology - 2:15-4:15

02:39-02:58

Senthil-Kumar, Prabhu

Department of Surgery, Massachusetts General Hospital, USA

Improved Bowel Repair by Light-Activated Sealing of Anastomotic Site

Tuesday, June 26, 2012: Free Radical Chemistry and Applications - 3:45-5:45

05:25-05:45

Separovic, Duska

Wayne State University, USA

Role of Ceramide Synthase in Cell Death after PDT

Tuesday, June 26, 2012: Sphingolipids Mediators in Photobiology - 3:45-5:45

05:15-05:30

Sexton, Kristian

Dartmouth College, USA

Analysis of Fluorescence Delivery Differences Between Epidermal Growth Factor (EGFR) Targeted Affibodies and Cetuximab (EGFR Targeted Antibody) in Murine Orthotopic Glioma Model with Implications for Fluorescence Guided Surgery.

Monday, June 25, 2012: Photomedicine and Photoimmunology - Offered Papers - 11:00-1:00

12:40-12:50

Shin, Eon Pil

Dept. Chemistry, Yonsei Univ., Republic of Korea

Effective Elimination of Bio-Hazards using Multifunctional Nanoparticles

Monday, June 25, 2012: Poster session with Refreshments - 06:00-09:00

Shinkle, James

Department of Biology, Trinity Unuiversity, USA

UV Radiation Regulates Grape Quality in New Zealand Sauvignon Blanc

Tuesday, June 26, 2012: Photobiology and Environmental Photobiology - Offered Papers - 01:15-03:15

02:55-03:05

Shirmanova, Marina

Nizhny Novgorod State Medical Academy, Russia

A Pilot Study of Phototoxic Protein KillerRed as Genetically Encoded Photosensitizer for PDT

Tuesday, June 26, 2012: Modulation of Cellular Responses in PDT - 1:15-3:15

02:55-03:05

Silva, Elsa

Department of Chemistry, University of Coimbra, Portugal
Mechanism of ROS Generation in Solution and in Cell Cultures
Sunday, June 24, 2012: Poster Session with Refreshments - 6:00-9:00

Sliney, David
Consulting Medical Physicist, USA
Photobiological Safety Implications of the Revolution in Lighting
Wednesday, June 27, 2012: Applied Photobiology - Lighting Health and Safety Issues - 2:15-4:15
02:15-02:35

Smerdon, Michael
Washington State University, USA
Impact of Chromatin Structure on Accessibility to DNA Repair Enzymes
Monday, June 25, 2012: DNA Repair of Chromatin - 8:30-10:30
08:30-09:00

Späth, Andreas
Department of Dermatology, University of Regensburg, Germany
Beyond TMPyP: Derivatives and Analogues with Altered Attachment Properties to Bacterial Cell Walls
Sunday, June 24, 2012: Poster Session with Refreshments - 6:00-9:00

Spring, Bryan
Wellman Center for Photomedicine, USA
Challenges in Developing Microendoscopy-Guided Photoimmunotherapy and Online Monitoring of Micrometastases
Monday, June 25, 2012: Imaging and Spectroscopy - 8:30-10:30
10:04-10:16

St. Denis, Tyler G.
Department of Chemistry, Columbia University, USA
Enhancement of Antimicrobial Photodynamic Therapy by Pseudohalides: Evidence for Direct Formation of Thiocyanate and Selenocyanate Radical Species
Monday, June 25, 2012: Antimicrobial PDT - 4:45-6:15
06:05-06:15

Sunar, Ulas
Roswell Park Cancer Institute, USA
Distinct Local Photodynamic Therapy Doses of Head and Neck Lesions in the Oral Cavity
Wednesday, June 27, 2012: Translational Photobiology: Bidirectionally Informed Therapeutic Parameters & Model Development - 2:15-4:15
03:35-03:48

PDT-Induced Fluorescence Yield and Lifetime Changes Assessed by Time-gated Fluorescence Tomography
Monday, June 25, 2012: Poster session with Refreshments - 06:00-09:00

Suschek, Christoph V.
Department of Trauma and Hand Surgery, University Hospital of the Heinrich-Heine-University Düsseldorf, Moorenstr. 5, Germany
Light-Mediated Non-Enzymatic NO-Formation and its Consequences for Human Physiology
Tuesday, June 26, 2012: UVA/B Release of Nitric Oxide from Dermal Stores: Systemic Benefits - 1:15-3:15
02:15-02:45

Sutherland, John
East Carolina University, USA
Biological Effects of Polychromatic Light: Compound Dose Response Functions for Cellular Survival
Tuesday, June 26, 2012: Photobiology and Environmental Photobiology - Offered Papers - 01:15-03:15
01:15-01:25

Takeshita, Shu
Tokai University, Japan
Directional Ultraviolet Radiometry on the Different Ground Coverage for Evaluation of Solar Ultraviolet Exposure to Humans
Monday, June 25, 2012: Impact of Climate and Environmental Factors on Personal UVR Exposure and Human Health - 2:15 - 4:15
03:45-03:55

Takeuchi, Hirotaka
Dermatological R&D; Skin Research Department, POLA CHEMICAL INDUSTRIES, INC., Japan
Longwave ultraviolet light (UVA) accelerates intrinsic aging by inducing progerin and by impairing shape and function of

nuclear membranes.

Tuesday, June 26, 2012: Photobiology and Environmental Photobiology - Offered Papers - 01:15-03:15

02:35-02:45

Tarin, Tatum

Memorial Sloan-Kettering Cancer Center, USA

Photothermal Effect in Vascular Targeted Photodynamic Therapy

Wednesday, June 27, 2012: Translational Photobiology: Bidirectionally Informed Therapeutic Parameters & Model Development - 2:15-4:15

04:01-04:14

Utilization of Vascular Targeted Photodynamic Therapy with WST-11 in Hollow Organs in a Large Animal Model: A Feasibility Study

Monday, June 25, 2012: Cell or Vessel: A Debate on Effective Photobiology - 4:45-6:15

06:05-06:14

Taylor, John-Stephen

Washington University, USA

Anti Thymine Photodimer Formation in Human Telomeric G-Quadruplexes and Putative G-Quadruplex Forming Sequences in Promoter Sequences

Sunday, June 24, 2012: Poster Session with Refreshments - 6:00-9:00

Effect of Methylation, Sequence Context, Protein Binding, and Nucleosome Position on DNA Cyclobutane Pyrimidine Dimer Formation and Deamination that Leads to C to T Mutations

Sunday, June 24, 2012: Mechanisms of Mutagenesis - 4:00-5:30

05:0-05:30

Strand Displacement and Binary FRET-Based Fluorescent Gene Expression Imaging Agents for iNOS mRNA in vivo

Sunday, June 24, 2012: Poster Session with Refreshments - 6:00-9:00

Tewari, Angela

St John's Institute of Dermatology, King's College, and NIHR Biomedical Research Centre, UK

UVA1 Induces Distinct and Different Epidermal Skins to UVB Associated with p53, p63 and Keratin Differentiation in Human Skin in Vivo

Wednesday, June 27, 2012: Impact of UVA-UVB on Cell Signaling - 2:15-4:15

03:35-03:45

Thao, Mai

Northern Illinois University, USA

Modifications of Glycoproteins in Bruch's Membrane Via Nitration, Glycation and Photoaddition: Model Systems for Inflammation and Aging in the Human Retina

Sunday, June 24, 2012: Poster Session with Refreshments - 6:00-9:00

Thieden, Elisabeth

Bispebjerg Hospital, Denmark

UVR Population Studies in the ICEPURE Project

Monday, June 25, 2012: Impact of Climate and Environmental Factors on Personal UVR Exposure and Human Health - 2:15 - 4:15

03:05-03:25

Tichauer, Kenneth

Dartmouth College, USA

Complications and Nuances of Quantifying Cancer Biomarker Expression in Vivo with Targeted Imaging Agents

Sunday, June 24, 2012: Frontiers of Drug Delivery in Photomedicine - 4:00-5:30

04:40-05:00

Tongkao-on, Wannit

The University of Sydney, Australia

Gender Differences Modulate Photoimmune Responses of 1,25 Dihydroxy Vitamin D

Sunday, June 24, 2012: Poster Session with Refreshments - 6:00-9:00

Travers, Jeffrey

Indiana University School of Medicine, USA

Diverse Effects of UVB-Generated Oxidized Glycerophosphocholine Platelet-Activating Factor Agonists

Monday, June 25, 2012: Photoimmunology and PDT-Induced Immunology - 8:30-10:30

08:30-08:50

Tsai, Yi-Chen

Department of Biochemical Science and Technology, College of Life Science, National Taiwan University, Taiwan

Photodynamic Therapy Induced Chromatin Modification Involved in the Increased Expression of COX-2
Sunday, June 24, 2012: Poster Session with Refreshments - 6:00-9:00

Tucker, Chandra

University of Colorado Denver, USA

Conditional Control of Protein Activity Using Optical Dimerizers

Sunday, June 24, 2012: Optogenetics and Biotechnological Applications of Biological Photoreceptors - 11:00-12:45
12:15-12:30

Turner, Joanna

University of Southern Queensland, Australia

Ultraviolet Radiation Reflection in the Built Environment: Relating Surface Orientation and Season

Tuesday, June 26, 2012: Photobiology and Environmental Photobiology - Offered Papers - 01:15-03:15
02:05-02:15

Ullrich, Stephen

Univ of Texas, MD Anderson Cancer Center, USA

Platelet Activating Factor, Mast Cells and Immune Suppression

Monday, June 25, 2012: Photoimmunology and PDT-Induced Immunology - 8:30-10:30
09:10-09:30

Vaidya, Anand

Cornell University, USA

Mechanism of Light-Induced Dimerization in Neurospora LOV Protein Vivid

Wednesday, June 27, 2012: Photochemistry - Offered Papers - 11:00-01:00
12:00-12:10

Vakoc, Benjamin

Harvard Medical School / MGH, USA

Advances in OCT Imaging of Skin

Wednesday, June 27, 2012: Light Effects in Dermatology - 11:00-1:00
12:12-12:30

van den Bergh, Hubert

Medical Photonics Group, Swiss Federal Institute of Technology (EPFL), Switzerland

Photodynamic Drug Delivery

Sunday, June 24, 2012: Frontiers of Drug Delivery in Photomedicine - 4:00-5:30
04:00-04:20

Vanderweyen, Davy

College of Charleston, USA

Effect of 830 nm Illumination on Pancreatic Cancer Cells and Fibroblasts

Sunday, June 24, 2012: Poster Session with Refreshments - 6:00-9:00

Vauthey, Eric

University of Geneva, Switzerland

Ultrafast Excited-State Dynamics in Biological Environments

Wednesday, June 27, 2012: Photoinduced Phenomena in Chemistry and Physics - 11:00-1:00
11:20-11:40

Vinogradov, Sergei

University of Pennsylvania, USA

Phosphorescence Quenching Technology for Oxygen Imaging

Monday, June 25, 2012: Oxygen Effects and New Optical Probes - 11:00-1:00
11:05-11:25

Wang, Hsing-Wen

Institute of Biophotonics, National Yang-Ming U, Taiwan

Metronomic Photodynamic Therapy in Mouse Brain Tumors Using Organic Light Emitting Diode

Wednesday, June 27, 2012: Optical Dosimetry - 11:00-1:00
12:30-12:40

Photobleaching and Tissue Blood Oxygenation Measurements of ALA-Metronomic Photodynamic Therapy in Mouse Brain Tumors

Sunday, June 24, 2012: Poster Session with Refreshments - 6:00-9:00

Wang, Kang-Kyun

Dept. Chemistry, Yonsei Univ., Republic of Korea

Photophysical Properties of Pheophorbide-a Derivatives and Their Photodynamic Therapeutic Effects on a Cancer cell line in vitro

Sunday, June 24, 2012: Poster Session with Refreshments - 6:00-9:00

Weller, Richard

University of Edinburgh, UK

Cardiovascular Effects of Sunlight

Tuesday, June 26, 2012: UVA/B Release of Nitric Oxide from Dermal Stores: Systemic Benefits - 1:15-3:15

02:45-03:15

Weston, Mark

McMaster University, Canada

The Effects of Singlet Oxygen Quencher Concentration and Depletion on the Efficiency and Dosimetry of Photodynamic Therapy

Monday, June 25, 2012: Poster session with Refreshments - 06:00-09:00

Wigle, Jeffrey

US Air Force Research Laboratory, USA

Physiological Response of hTERT-RPE Cells in Vitro Following Illumination with Low Levels of Red Light

Sunday, June 24, 2012: Poster Session with Refreshments - 6:00-9:00

Wilson, Brian

Ontario Cancer Institute/University of Toronto, Canada

Metronomic Photodynamic Therapy: A Model of 2-way Translation Between the Lab and the Clinic

Wednesday, June 27, 2012: Translational Photobiology: Bidirectionally Informed Therapeutic Parameters & Model Development - 2:15-4:15

03:15-03:35

Singlet Oxygen: The Scarlet Pimpernel of PDT Dosimetry

Wednesday, June 27, 2012: Optical Dosimetry - 11:00-1:00

12:00-12:20

Wondrak, Georg T.

Pharmacology and Toxicology, College of Pharmacy and Arizona Cancer Center, University of Arizona, USA

An Unexpected Source of Skin Cell Photo-Oxidative Stress: Pyruvate and Methylglyoxal, Glycolytic Metabolites Containing an α -Dicarbonyl-Chromophore, are UVA-Photosensitizers

Tuesday, June 26, 2012: Photobiology and Environmental Photobiology - Offered Papers - 01:15-03:15

03:05-03:15

Wu, Shiyong

Ohio University, USA

UVB-Induced and cNOS-Mediated NF- κ B Activation

Wednesday, June 27, 2012: Impact of UVA-UVB on Cell Signaling - 2:15-4:15

02:15-02:35

Yaghini, Elnaz

National Medical Laser Centre, University College London, UK

Mechanistic Studies of Photoinduced Bacterial Killing Using Tat-conjugated Quantum Dots

Sunday, June 24, 2012: Poster Session with Refreshments - 6:00-9:00

Yi, Jason

University of North Carolina at Chapel Hill, USA

Designing Light-Dependent Molecular Tools to Study Cytoskeletal Dynamics and Regulation

Sunday, June 24, 2012: Optogenetics and Biotechnological Applications of Biological Photoreceptors - 11:00-12:45

12:30-12:45

Yogianti, Flandiana

Division of Dermatology, Department of Internal Related, Graduate School of Medicine, Kobe University, Japan

Skin Tumors Induced by Narrowband UVB Have Higher Frequency of p53 Mutations than Tumors Induced by Broadband UVB Independent of the Ogg1 Genotype

Wednesday, June 27, 2012: Light Effects in Dermatology - 11:00-1:00

12:40-12:50

Young, Antony

Kings College London, UK

Relationship Between Personal UVR Exposure and Biological Outcomes in Field and Laboratory Studies

Monday, June 25, 2012: Impact of Climate and Environmental Factors on Personal UVR Exposure and Human Health - 2:15 - 4:15

03:55-04:15

Zheng, Gang

University of Toronto, Canada

Porphyrins Nanotechnology: A New Paradigm to Detect, Decide and Destroy Cancer

Sunday, June 24, 2012: ASP/ESP Joint Symposium: Nanotechnology - Part I - 11:00-12:30

11:00-11:20

Zheng, Lei Z.

Wellman Center for Photomedicine, USA

A Multi-Targeting Approach to Effectively Treat Pancreatic Cancer Using Nanotechnology-based Combination Therapy

Tuesday, June 26, 2012: PDT - Offered Papers - 03:45-05:45

04:15-04:25