



2020 Biennial Virtual Meeting

July 28-30, 2020 • photobiology.org

Welcome to the American Society for Photobiology (ASP) 2020 Biennial Virtual Meeting!

Tuesday, July 28, 2020, 12-3pm ET

Introduction: Yu-Ying He, Alec Greer

Award lectures and business meeting.

- **12-12:30pm-** ASP Lifetime Achievement Award Lecture. **Al Girotti**, Medical College of Wisconsin. "Some Highlights of Photobiological Research in the Girotti Lab: 1985-Present".
- **12:30-1pm-** ASP Research Award Lecture. **Douglas E. Brash**, Yale University. "A Photobiology Circumnavigation: Physics to Biology, Chemistry, Bedside, and Back".
- **1-1:30pm-** ASP Young Investigator Award Lecture. **Indermeet Kohli**, Henry Ford Health System. "Visible Light and the Skin".
- **1:30-2pm-** ESP Presidential Lecture. **Franz Trautinger**, Karl Landsteiner University of Health Sciences, Austria. "Photodermatology: History and Perspectives".
- **2-2:30pm-** ASP Presidential Lecture. **Yu-Ying He**, University of Chicago. "UV damage and skin cancer".
- **2:30-3pm-** ASP Business meeting. Moderated by **Sherri McFarland**
 - **2:30-2:31pm-** Acknowledge the officers and councilors who rotated off
 - **2:31-2:32pm-** Welcome newly elected officers and councilors
 - **2:32-2:36pm-** Introduction by Alec Greer, President
 - **2:36-2:40pm-** Introduction by Shiyong Wu, President-Elect
 - **2:40-2:44pm-** Introduction by Sherri McFarland, Secretary
 - **2:44-2:54pm-** Treasurer's report, Theresa Busch
 - **2:54-3:00pm-** Items from the floor

Wednesday, July 29, 2020, 12-3pm ET

Introduction: Yu-Ying He, Alec Greer

Grant Writing Workshop and Publishing Forum

12-2pm- Grant Writing Workshop- Featured Speakers:

- **12-12:20pm- Theresa Busch**, Professor, University of Pennsylvania
“TBD”
- **12:20-12:40pm- Mike Humble**, Program officer, NIEHS, NIH
“NIH Research Funding 101”
- **12:40-1pm- Alexey Belkin**, Program officer, NIAMS, NIH
“NIH grant funding mechanisms”

1-2pm- Panel discussion. Moderated by **Girgis Obaid**, Assistant Professor, University of Texas at Dallas

- **Theresa Busch**, Professor, University of Pennsylvania
- **Imran Rizvi**, Assistant Professor, University of North Carolina at Chapel Hill
- **Georg Wondrak**, Associate Professor, University of Arizona
- **Yu-Ying He**, Associate Professor, University of Chicago

2-3pm- Publishing forum:

Speakers:

- **2-2:15pm- Georg Wondrak**, Associate Professor, University of Arizona
- **2:15-2:30pm- Alec Greer**, Professor, The City University of New York, Brooklyn College

2:30-3pm Panel discussion. Moderated by **Richard Davis**, Associate Editor, *Mol. Cancer Ther.*

- **Jean Cadet**, Editor-in-Chief, Photochemistry and Photobiology
- **Nihal Ahmad**, Professor, University of Wisconsin at Madison
- **Shiyong Wu**, Professor, Ohio University
- **Carlos Crespo**, Professor, Case Western Reserve University
- **Georg Wondrak**, Associate Professor, University of Arizona
- **Alec Greer**, Professor, The City University of New York, Brooklyn College

Thursday, July 30, 2020, 11am-2pm ET

Introduction: Yu-Ying He

New Developments in UV Germicidal Photobiology for Infection Control

- *Introduction:* **David H. Sliney**, Johns Hopkins School of Public Health
- **Edward A. Nardell, M.D.**, Harvard Medical School, Boston, MA. “Implications for Evidence-Based Infection Control for Reducing Transmission of COVID-19.”

- **Richard Vincent**, Brickner Research Unit on Community Medicine and TB/UV Studies, Icahn School of Medicine at Mt Sinai Hospital, New York, NY, USA – "Use of upper room germicidal UV to control transmission of airborne infectious pathogens"
- **David J. Brenner**, Center for Radiological Research, Columbia University Medical Center, New York, NY, USA – "Using far-UVC light to limit epidemics and pandemics: Safety and efficacy"
- **Sachiko Kaidzu**, Department of Ophthalmology, Faculty of Medicine, Shimane University, Izumo, Japan – "Wavelength Dependence of Corneal Damage by UVC and UVB irradiation"
- **Chikako Nishigori**, Division of Dermatology, Department of Internal Medicine Related, Graduate School of Medicine, Kobe University, Kobe, Japan – "Long-term effects of 222 nm ultraviolet radiation on mice susceptible to ultraviolet radiation"
- **Tomoaki Fukui**, Takahiro Niikura, Keisuke Oe, Ryosuke Kuroda, Department of Orthopaedic Surgery, Kobe University Graduate School of Medicine, Kobe, Japan – "Clinical trial on the safety and bactericidal effect of 222-nm UV-C irradiation."
- **Donald Forbes**, "Review of UV-C Photocarcinogenesis Research"
- **Discussion**, moderated by David Sliney

Congratulations to the ASP 2020 Awardees!

- ASP Lifetime Achievement Award. **Al Girotti**
- ASP Research Award. **Douglas E. Brash**
- ASP Young Investigator Award. **Indermeet Kohli**
- Editor's Student Research Award. **Brennan Ashwood**

Photochemical and Photodynamical Properties of Sulfur-Substituted Nucleic Acid Bases.
Brennan Ashwood, Marvin Pllum, Carlos E Crespo-Hernández.
Photochemistry and Photobiology, 2019, 95, 33-58

- Photocite A Award. **Masahiko Taniguchi** and **Jonathan S. Lindsey**

Database of Absorption and Fluorescence Spectra of >300 Common Compounds for use in PhotochemCAD
Masahiko Taniguchi, Jonathan S. Lindsey
Photochemistry and Photobiology, 2018, 94, 290-327

- Photocite B Award. **Jean Cadet** and **Alexander Greer**

Type I and Type II Photosensitized Oxidation Reactions: Guidelines and Mechanistic Pathways

Mauricio S. Baptista, Jean Cadet, Paolo Di Mascio, Ashwini A Ghogare, Alexander Greer, Michael R. Hamblin, Carolina Lorente, Silvia Cristina Nunez, Martha Simoes Ribeiro, Andrés Thomas, Mariana Vignoni, Tania Mateus Yoshimura
Photochemistry and Photobiology, 2017, 93, 912-919