



Georg T. Wondrak, Ph.D.

Georg T. Wondrak, received undergraduate and Ph.D.-level graduate training in Biochemistry from the Swiss Federal Institute of Technology, Zurich, Switzerland and the Technical University, Berlin, Germany. He is now an Associate Professor of Pharmacology and Toxicology at the College of Pharmacy and Arizona Cancer Center, University of Arizona.

Personal Statement: The omnipresence of solar UV photons in beautiful Tucson, AZ fuels Dr. Wondrak's passion for research on molecular mechanisms of skin photodamage. His current research activities focus on redox drug discovery targeting skin cancer and solar photodamage, funded continuously by NIH since 2007. As an associate member of the NIEHS-supported Southwest Environmental Health Sciences Center he is involved in community outreach and public education on sun protection and outdoor lifestyle. He has served ASP as a council member and chair of the awards committee since 2009. Drawing strength and inspiration from ASP's rich past while embracing a dynamic and 'photoexcited' future, his tenure as ASP president would focus on developing ASP into a society that better serves the needs of an increasingly interconnected global research community and more actively engages with a growing body of members at all career stages united by a passion for photon-directed research.



Giorgio Delrosso, MD

BIOGRAPHICAL DATAS AND CAREER

Giorgio Delrosso, MD, born in Novara, 27th May 1958 from Elena Cocchieri and Francesco Delrosso, married with Antonella Panighini, a daughter named Chiara Aurora and two son's in law, Anita and Damiano Bordoni. Medicine and Surgery degree the 21st December 1983 at the University of Turin, thesis titled "Capillaroscopy in Dermatology". Specialization in Dermatology and Venereology in 1988 with the thesis "Capillaroscopic pictures in Dermatology" and full marks. In 1990 starting of medical career as Medical Assistant at the Dermatologic Division of Sant' Andrea Hospital in Vercelli From 1993 First Assistant at the same Hospital. From 2000: Medical Manager, confirmed at full time and definitely, at the Dermatologic Clinic of the University of Piemonte Orientale "A. Avogadro"- "Maggiore della Carità" Hospital- Novara.

TEACHING ACITVITIES

1988-1998:Teacher of Dermatology at the Nursery School "R. Avogadro di Vigliano" in Vercelli; From 2000: Teacher of Capillaroscopy and Skin Circulation Phisiology at the Trainee School in Dermatology and Venereology University of Piemonte Orientale "A. Avogadro"- Novara- Italy; From 2006: Teacher of Photobiology and Phototherapy at the Trainee School in Dermatology and Venereology University of Piemonte Orientale "A. Avogadro"- Novara- Italy.

FIELDS OF INTEREST

Dermatologic Surgery, Phototeraphy , Histopathology, Capillaroscopy, Photodynamic Therapy. Author of scientific publications, oral communication and lectures about these topics at National Congresses.

FIELDS OF RESEARCH

Clinical application of UVA and UVB-narrow band therapy, combi UVA-UVB therapy, bath PUVA therapy, gel PUVA therapy for the treatment of dermatological diseases as: fungal mycosis, parapsoriasis, psoriasis, vitiligo, atopic dermatitis, solar urticaria, actinic reticuloid, lipoidic necrobiosis, mastocytosis, localized scleroderma.

ASSOCIATIONS

Ordinary Member of the Association of Italian Hospital Dermatologists, Ordinary Member of Italian Oncological and Surgical Dermatology, Ordinary Member of SIDEMAST (Italian Society of Medical, Surgical, Aesthetic Dermatology), Ordinary Member of the American Society of Photobiology (ASP), Ordinary Member of the European Society for Photobiology (ESP), Ordinary Member of the Italian Society of Pediatric Dermatology.

SCIENTIFIC COLLABORATIONS

Participation to the 2010 ASP Congress in Providence and contribution with the poster “ Gel PUVA therapy in the treatment of dermatologic diseases”. Contribution as reviser of some articles published on the journal “Photochemistry and Photobiology”.

SCIENTIFIC PUBLICATIONS and SCIENTIFIC ACTIVITY

Author of about 170 scientific publications on national and international press; participation about 200 national and international meetings, like speaker or teacher. His article about the use of bath-PUVA at low-dose regimens for treating psoriasis was published on “Dermatology” rousing the interest of many photobiologists. In July 2014, he obtained professional responsibility, high specialization, expert advice, study, research, inspection, check and supervision in Phototherapy Service.

Personal Statement: My name is Giorgio Delrosso, MD, born in Novara, 27th May 1958. Like in the past, I'm very honored to be a candidate for ASP Councilor. I would like point out to ASP a clinical experience accrued in Phototherapy; in particular in Gel- Puva therapy with an innovative laboratory method. I think that also a clinical ”voice”, may be able to integrate the indeed large contribution of ASP in Photobiology.



Stephen Chad Kanick, Ph.D.

I am a research and development scientist pursuing the application of biomedical optics to address clinical problems. I have extensive experience in developing approaches to optically sample tissue parameters in tissue *in vivo*. These measurements have been used for optical diagnostics, surgical guidance, and monitoring of delivered therapies.

I am currently an Assistant Professor within the Thayer School of Engineering at Dartmouth College. I originally joined the Optics in Medicine group at Dartmouth in 2010 as a Research Scientist, with my efforts focused on clinical PDT dosimetry within the Hasan Program Project. Between 2008-2010, I held an appointment as a Post-Doctoral Research Associate at Erasmus MC in Rotterdam, the Netherlands, within the Center for Optical Diagnostics and Therapy (CODT) in the Department of Radiation Oncology. My post-doctoral research focused on the development of novel optical approaches to quantitatively analyze optical spectroscopic measurements of tissue *in vivo*. In 2008, I received a Ph.D. in Chemical Engineering from the University of Pittsburgh, where I worked with collaborators at the Hillman Cancer Center at University of Pittsburgh Medical Center to investigate non-invasive optical-based approaches to inform pharmacokinetic models of drug distribution.

I recently received a K25 career development award from the National Cancer Institute/National Institute of Health, which focuses on the use of optical measurements to guide nanoparticle-based cancer therapies. I have authored 27 peer-reviewed journal articles, serve as ad hoc reviewer for 15 journals in the field (including Photochemistry and Photobiology, Journal of Biomedical Optics, and Photodiagnosis and Photodynamic Therapy), and regularly present research related to quantitative dosimetry approaches at conferences organized by SPIE, OSA, and ASP.

Personal Statement: My research in the field of biomedical optics has centered on utilizing the unique signature of interactions of light with tissue to quantitatively determine aspects of tissue function and structure and to quantitatively measure tissue constituents. Reflectance spectroscopy utilizes white light to characterize the absorption and scattering properties of tissue, a technique that provides information about the local vascular physiology such as blood content and microvascular saturation. Quantitative fluorescence spectroscopy provides accurate estimation of the concentration of fluorophores within a tissue of interest, for instance allowing noninvasive tissue measurement of optically-active compounds after administration (e.g. fluorescently labeled markers, targeted

therapeutics, or photosensitizing compounds). I have experience in incorporating these optical techniques into preclinical studies, to answer mechanistic questions regarding PDT treatment response and treatment planning. I also have experience in the clinical translation of these optical approaches, which was gained both domestically and in an international setting. In the translational studies we were able to quantitate tissue biomarkers that describe physiological changes in response to treatment, and were able to identify treatments limited by inadequate photosensitizer delivery to the targeted area; these are areas of work that are directly related to the aims of ASP. I also have first-hand experience in leading a data acquisition team within the clinical theatre, and understand the importance of properly incorporating the approach into the clinical workflow, a task that is best achieved through actively engaging health care practitioners and providers involved in the process. As a council member for ASP I will utilize my experience in these areas to promote continued development of new approaches for optical dosimetry and to disseminate such approaches to practicing clinicians to facilitate clinical translation.



Bernhard Ortel, M.D.

TRAINING

1976-1982	M.D., University of Vienna Medical School, Vienna, Austria
1982-1983	Postdoctoral Fellow, Department of Experimental Pathology, University of Vienna, Austria
1983-1987	Residency, Dept. of Dermatology and Venerology, Allgemeines Krankenhaus, University of Vienna Medical School, Vienna, Austria
1987-1989	Research Fellow, Wellman Laboratories of Photomedicine, Department of Dermatology, Harvard Medical School, Boston, MA
1989-1991	Residency, Dept. of Dermatology and Venerology, Allgemeines Krankenhaus, University of Vienna Medical School, Vienna, Austria
06/04-06/05	PGY-1, Transitional Year, Depts. of Medicine and Surgery, Newton Wellesley Hospital, Newton, MA
07/05-06/08	Residency, Section of Dermatology, University of Chicago, Chicago, IL

APPOINTMENTS

1993-1994	Universitätsdozent, Department of Dermatology and Venerology, University of Vienna, Vienna, Austria
1994-1995	Instructor, Department of Dermatology, Harvard Medical School, Boston, MA
1995-06/04	Assistant Professor, Department of Dermatology, Harvard Medical School, Boston, MA
08/08-03/09	Clinical Associate, Section of Dermatology, University of Chicago, IL
04/09-10/12	Associate Professor, Section of Dermatology, University of Chicago, IL
01/10-10/12	Director, Phototherapy Unit
11/12-present	Division Head, Division of Dermatology, North Shore University Health System
01/14-present	Clinical Professor, University of Chicago, IL

Personal Statement: I want to announce my interest in serving as an officer on the board of the American Society of Photobiology. My connection with the society goes back 30 years, when I attended my first meeting in Philadelphia. I came from Austria, where I was part of one of the centers of Photomedicine: the Department of Dermatology in Vienna was leading in developing the European

PUVA protocol. Through the years that were punctuated by exciting ASP meetings, I could follow the development of medical photobiology through the decades, seeing new applications and discoveries.

Much of my development as budding photobiologist happened at the Wellman Laboratories under the guidance of great leaders in the field, s.a. John Parrish, Bill Gange, and Tayyaba Hasan. I was grateful that I could work in an environment that had developed from dermatology into a photon-based biomedical research laboratory.

From these roots I see myself as a dermatologist, who owes a lot to the photobiology community that in turn has its home in the ASP. I do think that photomedicine should continue to be a strong part of photobiology and hope to contribute to that mission as an officer of the ASP to that mission.



Charles B. Simone, II, MD

I am the Chief of Thoracic Oncology and an Assistant Professor in the Department of Radiation Oncology at the Perelman School of Medicine at the University of Pennsylvania. I completed my undergraduate and medical school training at the University of Pennsylvania. Following completing my internship in internal medicine, I completed residency training in radiation oncology at the National Cancer Institute, National Institutes of Health. Clinically, I treat patients with mesothelioma, lung cancer, and other thoracic malignancies with photodynamic therapy, and also with photon and proton radiation therapy. I am the overall Principal Investigator of a multi-centered phase I trial using 2-[1-hexyloxyethyl]-2-devinyl pyropheophorbide- α (HPPH) in a novel manner as a photosensitizer to treat patients with pleural malignancies with surgery and photodynamic therapy, and I am also the Principal Investigator of a second prospective photodynamic therapy trial for patients with malignant pleural mesothelioma. As a Principal Investigator of the Penn Mesothelioma and Pleural Program at University of Pennsylvania, I am an NIH-funding investigator and focus my translational research efforts on assessing the biological effects of photodynamic therapy delivered intraoperatively for mesothelioma and other thoracic malignancies.

Personal Statement: I am excited to run for ASP Council. I am hard-working and motivated, and I have a true interest and passion in photodynamic therapy and photobiology. I am also eager to promote and expand the society across all ASP disciplines. Over the past 2 ½ years, I have performed most of the clinical photodynamic therapy that we have done at University of Pennsylvania, especially for thoracic malignancies. With the excellent clinical results that we have achieved for mesothelioma and non-small cell lung cancer, photodynamic therapy is now getting more physician and radiobiologist attention at Penn and regionally, and our other clinical services are interested in expanding the use of photodynamic therapy to their disease sites. This will prove to bolster ASP membership and increase photodynamic therapy and photobiology research at Penn. As an ASP Council member, I will work to expand ASP membership, research initiatives, and funding opportunities on a broader level across the numerous different photobiology disciplines and related photosciences.