

Highlights Session

Saturday, April 17, 2010

2010 Annual Conference
Pre-Conference Courses: April 14-15, 2010
Annual Conference: April 16-18, 2010
Phoenix Convention Center, Phoenix, AZ

"Highlights" of Five Outstanding Abstracts - North Hall C

9:15 am - 10:05 am

Directors: *Gary P. Lask, M.D., J. Stuart Nelson, M.D., Ph.D.*

Educational Needs

This session will be the forum for presenting the outstanding abstract from each scientific section at the Annual Conference, i.e. basic science, cutaneous laser surgery, dentistry, photobiomodulation, and surgical applications. The presentations will summarize the study and offer an explanation of its relevance to a diverse audience.

Participants

This session is designed for clinicians, researchers, dentists, physicians, nursing, and allied health professionals.

Background Requirements

There are no special background requirements.

Instructional Content and/or Expected Learning Objectives

We have constructed this new session for two purposes. First, to honor and highlight the outstanding scientific contributions to this Annual Conference. Secondly, to bring researchers and clinicians together in an attempt to foster stronger collaboration between these groups.

Disclosures

Gary P. Lask, M.D. received discount from Candela

J. Stuart Nelson, M.D., Ph.D. received equipment from Candela, Cynosure, Fotona, Lumenis, and New Star; research grant from Candela, Genentech, and Wyeth; royalties and intellectual property rights with Candela and New Star; honoraria from Candela

9:15 am - 9:19 am	16	<p>PHOTODYNAMIC INACTIVATION OF BACTERIA USING POLYETHYLENIMINE - CHLORIN E6 CONJUGATES: EFFECT OF POLYMER MOLECULAR WEIGHT, SUBSTITUTION RATIO OF CHLORIN E6 AND PH</p> <p><i>Liyi Huang, Zhiyentayev Timur, Azhibek Dulat, Xuan Yi, Michael Hamblin,</i> Wellman Center for Photomedicine, Massachusetts General Hospital, Boston, MA</p>
9:20 am - 9:24 am		<p>Discussion</p> <p><i>•Content discusses non-FDA approved device or off-label use</i></p>
9:25 am - 9:29 am	139	<p>EFFECT OF IRRADIATION WITH UVA, 311nm UVB, OR 632.8nm HeNe LASER ON SPREAD OF PIGMENT AFTER MINIGRAFTING IN VITILIGO</p> <p><i>Bas Wind, Marije Kroon, Arne Meesters, Johan Beek, Wietze van der Veen, Ludmila Nieuweboer-Krobotova, Jan Bos, Albert Wolkerstorfer,</i> Netherlands Institute for Pigment Disorders (SNIP), Academic Medical Center, University of Amsterdam, The Netherlands Cancer Institute - Antoni van Leeuwenhoek Hospital, Amsterdam, The Netherlands</p>
9:30 am - 9:34 am		<p>Discussion</p>

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| 9:35 am - 9:39 am | 172 | <p>LED PHOTOMODULATION III: EFFECT OF WAVELENGTHS AND RATIO OF WAVELENGTHS ON GENE EXPRESSIONS IN HUMAN SKIN FIBROBLASTS</p> <p><i>D.H. McDaniel¹, C. Mazur, S. Wilson, R.G. Geronemus², R.A. Weiss², M. Weiss², Laser Skin & Vein Center of Virginia, Institute of Anti-Aging Research, Virginia Beach, VA, Laser & Skin Surgery Center of New York, New York, NY, Maryland Laser Skin & Vein Institute, Hunt Valley, MD</i></p> |
| 9:40 am - 9:44 am | | <p>Discussion</p> <p>¹<i>Equipment, discount, consulting fees and research grant from Light BioScience; consulting fees, stockholder, equity position, and intellectual property rights with GentleWaves II</i></p> <p>²<i>Equipment and discount from Light BioScience; stockholder and equity position with GentleWaves II</i></p> <p>• <i>Content discusses non-FDA approved device or off-label use</i></p> |
| 9:45 am - 9:49 am | 214 | <p>FEMTOSECOND LASER ABLATION AS A SUBSURFACE LIGHT SCALPEL TO ALTER SEIZURE PROPAGATION DYNAMICS</p> <p><i>John Nguyen, Jillian Ferdman, Minguri Zhou, David Huland, Shatha Saqqa, Jan Ma, Nozomi Nishimura, Theodore Schwartz, <u>Chris Schaffer</u>, Cornell University, Ithaca, NY, Weill Cornell Medical College, New York, NY</i></p> |
| 9:50 am - 9:54 am | | <p>Discussion</p> |
| 9:55 am - 9:59 am | 140 | <p>LASER USE IN DENTAL PROSTHETIC SURGERY: STATE OF THE ART</p> <p><i>S. Nammour, University of Liege, Liege, Belgium</i></p> |
| 10:00 am - 10:05 am | | <p>Discussion</p> |