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Annual Conference

Basic Science: The Cutting Edge in Optical Diagnostics and Therapeutics of Tissues and Cells
April 5, 2009
Maryland B
8:00 am – 12:30 pm

MISCELLANEOUS

<p>HOME</p> <ul style="list-style-type: none"> 2010 Annual Conference 2009 Annual Conference Silent Auction Future Meetings Laser 09 Audio Cassette/CD Orders Contact Us 	<p>8:00 am - 8:08 am 27</p>	<p>A NEW APPLICATION OF TITAN XL, AN INFRARED LIGHT BASED DEVICE, FOR TREATMENT OF STRESS URINARY INCONTINENCE <i>Julie Reil, Billings, MT</i></p>
	<p>8:09 am - 8:17 am 28</p>	<p>ABLATION OF SUBSURFACE TUMORS USING AN ULTRA-SHORT PULSE LASER <i>Amir Yousef Sajjadi, Kunal Mitra¹, Michel Grace, Melbourne, FL</i> ¹Financial and research grants from Raydiance, Inc.</p>
	<p>8:18 am - 8:26 am 29</p>	<p><u>LATE-BREAKING ABSTRACT</u> IDENTIFICATION OF A FAMILY OF THERMAL STRESS SPECIFIC BIOMARKERS <i>Gerald Wilmink, Caleb Roth, William Roach, National Academy of Sciences NRC, Air Force Research Lab, Brooks City Base, TX, General Dynamics, San Antonio, TX</i> •Content discusses non-FDA approved device or off-label use</p>
	<p>8:27 am - 8:35 am 30</p>	<p>VIABILITY OF MELANOMA CELLS IRRADIATED WITH 532 AND 355nm WAVELENGTHS NANOSECOND LASER PULSES <i>Francisco G. Perez-Gutierrez, Gabriel Guillen, John A. Viator, Guillermo Aguilar, University of Missouri, Columbia, MO, University of California, Riverside, CA, Instituto de Biotecnologia UNAM, Cuenavaca, Morelos, Mexico</i></p>
	<p>8:36 am - 8:44 am 31</p>	<p>LASER-ASSISTED CRYOSURGERY IN EX VIVO MICE HEPATIC TISSUE: VIABILITY ASSAYS USING GREEN FLUORESCENT PROTEIN <i>Lorenzo Martinez-Suastegui, Baptiste Duperray, Felipe Godinez, Gabriel Guillen, Guillermo Aguilar, Adam Slade, University of California, Riverside, CA, Ecole Nationale Supérieure d'Ingenieur de Caen, Caen, France, Instituto de Biotecnologia, UNAM, Cuernavaca, Morelos, Mexico</i></p>
	<p>8:45 am - 8:53 am 32</p>	<p>SUBCELLULAR SELECTIVE PHOTOTHERMOLYSIS OF PIGMENT CELLS IN ZEBRAFISH AFTER Q-SWITCHED Nd:YAG LASER ABLATION <i>Jae Hwan Kim, Jeong Se Yeong, Shin Jae Bin, Kim Ho, Park Hae Chul, Kim Il Hwan, Korea University, Seoul, Korea</i></p>
	<p>8:54 am - 9:02 am 33</p>	<p style="text-align: center;"><u>IMAGING TECHNIQUES</u></p> <p>TISSUE DIAGNOSIS WITH TIME-RESOLVED LASER-INDUCED FLUORESCENCE SPECTROSCOPY COMBINED WITH PHOTOACOUSTIC AND ULTRASOUND IMAGING <i>Yang Sun, Yinghua Sun, Matthew Lam, Douglas Stephens, Jonathan Cannata, Kirk Shung, Laura Marcu, University of Southern California, Los Angeles, CA, University of California Davis, Sacramento, CA</i></p>