
[FrA2] Plasma Medical Applications – Clinical and Animal Studies

Date / Time August 6 (Fri.), 2021 / 10:35-11:35**Channel** Channel A**Session Chair** Prof. Toshiro Kaneko (Tohoku Univ., Japan)

FrA2-1**10:35-10:50****Spatiotemporal Behavior of Surface Temperature on the Mouse Skin During Plasma Irradiation**Shunya Hashimoto¹, Kodai Aoki¹, Tatsuru Shirafuji¹, Hideo Fukuhara², Chiaki Kawada², Keiji Inoue², Masayuki Tsuda², Endre J. Szili³, and Jun-Seok Oh¹¹Osaka City Univ., Japan, ²Kochi Medical School, Japan, ³Univ. of South Australia, Australia**FrA2-3****10:50-11:05****Activation of Ion Channel and Uptake of Extracellular Dye Induced by In-liquid Plasma Treatment**

Ryosuke Honda, Shota Sasaki, Keisuke Takashima, Makoto Kanzaki, Takehiko Sato, and Toshiro Kaneko

*Tohoku Univ., Japan***FrA2-4****11:05-11:20****Treatment of Non-small Cell Lung Cancer: Plasma-activated Liquid as a Recent Advances and New Perspectives**Dehui Xu¹, Miao Qi¹, Shuai Wang¹, Bing Li¹, Hao Zhang¹, and Michael G Kong^{1,2}¹Xi'an Jiaotong Univ., China, ²Old Dominion Univ., USA**FrA2-5****11:20-11:35****Plasma-activated Saline Immersion as a Potential Bladder Cancer Treatment Approach**Hao Zhang¹, Jishen Zhang¹, Dehui Xu¹, and Michael G Kong^{1,2}¹Xi'an Jiaotong Univ., China, ²Old Dominion Univ., USA
