



| [SB2] Plasma Applications | |
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| Date / Time | July 28 (Sat.), 2018 / 10:50-12:30 |
| Place | Room B (#113) |
| Session Chair(s) | Jae-Sung Kwon (Yonsei Univ., Korea) Lenka Zajickova (Masaryk Univ., Czech) |

SB2-1 [Invited] 10:50-11:20

Properties of Dawoo Korea Plasma Sterilizer Using Nonthermal Atmospheric Pressure Plasma

Jang Sick Park¹, Jun Hyung Bae², and Eun Ha Choi³

¹Korea Industrial Tech. Association, Korea, ²Dawoo Korea, Korea, ³Kwangwoon Univ., Korea

SB2-2 [Invited] 11:20-11:50

Insight into the Molecular Dynamic Simulation Studies of Reactive Oxygen Species in Native and Oxidized Skin Membrane

Dharmendra Kumar Yadav¹, Surendra Kuamar¹, Mi-Hyun Kim¹, and Eun-Ha Choi²

¹Gachon Univ. of Medicine and Science, Korea, ²Kwangwoon Univ., Korea

SB2-3 11:50-12:10

Quantum Dots: An Effective Nanomedicine and Their Role in Plasma Bioscience

Rizwan Wahab¹, Neha Kaushik², Farheen Khan³, Nagendra Kumar Kaushik⁴, Su-Jae Lee², Eun Ha Choi⁴, and Abdulaziz A. Al-Khedhairi¹

¹King Saud Univ., Saudi Arabia, ²Hanyang Univ., Korea, ³Taibah Univ., Saudi Arabia, ⁴Kwangwoon Univ., Korea

SB2-4 12:10-12:30

Surface Sterilization Using LF-Microwave Hybrid Plasma at Atmospheric Pressure

Norrawit Tonmitr¹, Norihito Abe¹, Akira Yonesu¹, and Nobuya Hayashi²

¹Univ. of the Ryukyus, Japan, ²Kyushu Univ., Japan