
[FrB1] Plasma-cell and Plasma-tissue Interactions – Biological and Biochemical Reactions

Date / Time August 6 (Fri.), 2021 / 09:00-10:20**Channel** Channel B**Session Chair** Prof. Endre Szili (Univ. of South Australia, Australia)

FrB1-1**09:00-09:25****[Invited]****Cell Death Mechanisms by Plasma Activated Medium and Plasma Activated Ringer's Lactate Solution**M. Hori, H. Tanaka, M. Mizuno, K. Ishikawa, K. Nakamura, H. Kajiyama, Y. Okazaki, S. Toyokuni, and F. Kikkawa
*Nagoya Univ., Japan***FrB1-2****09:25-09:50****[Invited]****Non-thermal Atmospheric Pressure Plasma as an Efficient Tool to Activate the Proliferation of Human Mesoderm-derived Stem Cells through Epigenetic Modifications**Jeongyeon Park¹, Tianyu Tang², Hae June Lee², and Kiwon Song¹
¹*Yonsei Univ., Korea*, ²*Pusan Nat'l Univ., Korea***FrB1-3****09:50-10:05****Dual Microwave-excited Atmospheric-pressure Plasma Jets for Extending Treatment Areas**Daecheon Lim and Jun Choi
*KITECH, Korea***FrB1-4****10:05-10:20****Analysis of Cellular Respiration in Plasma-activated Solutions-treated Cancer Cells**H. Tanaka, S. Maeda, M. Mizuno, K. Ishikawa, K. Nakamura, H. Kajiyama, Y. Okazaki, S. Toyokuni, M. Ito, K. Ohno, F. Kikkawa, and M. Hori
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