
[WeA2] Plasma-cell and Plasma-tissue Interactions – Biological and Biochemical Reactions

Date / Time August 4 (Wed.), 2021 / 10:50-12:10**Channel** Channel A**Session Chair** Prof. Jun-Seok Oh (Osaka City Univ., Japan)

WeA2-1**10:50-11:15****[Invited]****Cold Atmospheric Plasma Stimulated Monocyte Derived Macrophages and Induced Molecular Pattern for Cancer Treatment**Nagendra K. Kaushik¹, Neha Kaushik², Pradeep Bhartiya¹, Nguyen Nhat Linh¹, and Eun Ha Choi¹¹Kwangwoon Univ., Korea, ²Suwon Univ., Korea**WeA2-2****11:15-11:40****[Invited]****Spontaneous and Genome-Integration Free External Molecular/Gene Introduction to Cells Triggered by Complex Stimulus Generated by Plasma**Masafumi Jinno¹, Yoshihisa Ikeda¹, Hideki Motomura¹, Yugo Kido^{1,2}, and Susumu Satoh^{1,3}¹Ehime Univ., Japan, ²Pearl Kogyo Co. Ltd., Japan, ³Y's Corp., Japan**WeA2-3****11:40-11:55****TRP Channel as a Sensor for Reactive Species Generated by Atmospheric Pressure Plasma**

T. Kaneko, S. Sasaki, and M. Kanzaki

*Tohoku Univ., Japan***WeA2-4****11:55-12:10****Investigation of Chemical and Electrical Factors Induced by Double Plasmas on Cancer Cells**Chia-Hsing Chang¹, Honoka Taguchi¹, Ken-ichi Yano², and Takehiko Sato¹¹Tohoku Univ., Japan, ²Kumamoto Univ., Japan