

[WeA1] Plasma-cell and Plasma-tissue Interactions – Biological and Biochemical Reactions**Date / Time** August 4 (Wed.), 2021 / 09:00-10:25**Channel** Channel A**Session Chair** Prof. Michael Keidar (The George Washington Univ., USA)**WeA1-1****09:00-09:25****[Invited]****Contactless Plasma Jet Treatment of a Cancer Tumour**Endre Szili¹, Jun-Seok Oh², Keiji Inoue³, Rob Short⁴, and Hideo Fukuhara³¹Univ. of South Australia, Australia, ²Osaka City Univ., Japan, ³Kochi Medical School, Japan, ⁵The Univ. of Lancaster, UK**WeA1-2****09:25-09:40****Physically-based Cold Plasma Treatment of Cancer Cells**

Dayun Yan, Xiaoliang Yao, Qihui Wang, Alisa Malyavko, Manish Adhikari, Jonathan H.Sherman, and Michael Keidar

*The George Washington Univ., USA***WeA1-3****09:40-09:55****Biofilm Inactivation by Remote Plasma Treatment**Gaurav Nayak¹, Reed Jacobson¹, Sahil Mahajan¹, Sanjana Kerketta², Fujun Wang¹, Samyak Jain¹, Michael McAlpine¹, Mark J. Kushner², Ryan Hunter¹, Mikael Elias¹, and Peter J. Bruggeman¹¹Univ. of Minnesota, USA, ²Univ. of Michigan, USA**WeA1-5****09:55-10:10****Dielectric Barrier Discharge Plasma Reduces the Infectivity of HSV-1 Suspended in Cell Culture Medium**Julia Sutter¹, Rita Esposito¹, Gaurav Nayak², Brian Wigdahl¹, Peter Bruggeman², Fred C. Krebs¹, and Vandana Miller¹¹Drexel Univ. College of Medicine, USA, ²Univ. of Minnesota, USA**WeA1-6****10:10-10:25****Potential of Atmospheric Cold Plasma for Mycotoxin Degradation**

Ehsan Feizollahi, Basheer Iqdiem, and Roopesh Syamaladevi

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