

Session Program

22-28 Jun 2019



PPPS 2019

6.5 Biological and Medical Applications I

DoubleTree at the Entrance to Universal Orlando
5780 Major Blvd. Orlando, Florida, 32819, USA

Monday 24 June

09:45

6.5 Biological and Medical Applications I

Session |

Location: Double Tree at the Entrance to Universal, Seminole C, 5780 Major Blvd. Orlando, Florida, 32819, USA |

Convener: Dayun Yan

09:45–10:15

Feedback from cells: how cancer cells could make cold atmospheric plasma jet selective during treatment

Speaker

Li Lin

10:15–10:30

Collective Effects of Nanosecond Pulsed Electric Fields on Cells Organized in a Monolayer

Speaker

Prof. Juergen Kolb

10:30–10:45

EVALUATION OF MAGNETIC STIMULATION FOR CELL MEMBRANE PORATION

Speaker

Qin Hu

10:45–11:00

Cell permeabilization and exogenous molecule delivery via microwave treatment

Speaker

Allen Garner

11:00–11:15

Microorganism inactivation with Electric Pulses and Drugs

Speaker

Agni Dhanabal

11:15–11:30

Modeling of Fluxes and Surface Coverage of Plasma-Produced Species on Artificial Bone Scaffolding

Speaker

Mr Juliusz Kruszelnicki

11:30–11:45

Plasma polymerization of N,N-dimethylacrylamide: cell-repellent or cell-adhesive coatings?

Speaker

Mr Tim Egghe

11:45