

Session Program

22-28 Jun 2019



PPPS 2019

6.5 Biological and Medical Applications II

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

Tuesday 25 June

09:45

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Session | **Location:** Double Tree at the Entrance to Universal Orlando, Seminole C | **Convener:** Andrei Khomenko

09:45-10:00

The cell activation phenomena in the cold atmospheric plasma cancer treatment

Speaker

Dr Dayun Yan

10:00-10:15

Mathematical Modeling of Tumor Growth and Response to Electrochemotherapy

Speaker

Ms Jennifer Firehammer

10:15-10:30

Single cell laser mediated molecule delivery - infrared laser based microinjection

Speaker

Allen Garner

10:30-10:45

Electrochemotherapy Enhances the Curcumin Effect on TNBC Cells in a Dosage and Energy Dependent Manner

Speaker

Allen Garner

10:45-11:15

THE INFLUENCE OF SURFACE HUMIDITY ON DISINFECTION USING COLD PLASMAS

Speaker

Peter Bruggeman

11:15-11:30

Comparison of Plasma Sporicide Using Different Power Sources in Atmospheric-Air

Speaker

Dr Hao Wang

11:30-11:45

A novel device enhanced the active antimicrobial components in the plasma treated solution

Speaker

Hangbo Xu

11:45