

## **Session Program**

**5-9 Jul 2016**



# **2016 IEEE Power Modulator and High Voltage Conference**

## ***Oral 5***

<http://www.sfpalace.com/>Palace Hotel San Francisco  
2 New Montgomery St. San Francisco, CA 94105United States

## Thursday 7 July

10:00

### Oral 5: Biomedical Applications of Power Modulators

Session | Location: Palace Hotel San Francisco, Ralston Ballroom

10:00-10:30

#### Physical and Biological Implications of Capacitive Coupling for Electric Pulse Treatments

**Speaker**

Allen Garner

10:45-11:15

#### Impact of platelet activation electric stimulation protocols on hematopoietic and mesenchymal stem cells

**Speaker**

Jason Castle

11:15-11:30

#### Study of the cell viability and thermal effect under the high-frequency composite pulses

**Speakers**

Prof. Chenguo Yao, Yajun Zhao

11:30-11:45

#### Electric Pulse Manipulation of Cancer Cell Population Dynamics

**Speaker**

Anand Vadlamani

11:45-12:00

#### Measurement of electric field generated by high power burst pulse electromagnetic wave in water for using to application to bioelectrics

**Speaker**

Prof. Yasushi Minamitani

12:00