



# 8<sup>th</sup> International Conference on Plasma Medicine

August 3~6, 2021 / Online Conference

ISPB 10 10<sup>th</sup> International Symposium on Plasma Bioscience

Associated with 3rd Summer School on Plasma Medicine on August 2~3, 2021

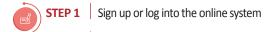


## CONFERENCE TOPICS

- · Fundamentals of atmospheric plasmas
- · Plasma sources for biomedical applications
- · Plasma liquid interactions, plasma activated liquids
- · Plasma-cell and plasma-tissue interactions biological and biochemical reactions
- · Plasma-surface interactions/modifications for biomedical applications
- · Plasma-based decontamination and sterilization
- · Plasma for pharmaceutical applications, biochemical and biomolecular engineering
- · Plasma medical applications clinical and animal studies
- · Plasma agricultural applications
- · Plasma modeling and numerical simulation
- · COVID-19

## **HOW TO SUBMIT?**

- \*Abstract must be submitted online in both MS Word (\*.doc, \*.docx) and PDF format.
- \*Online Abstract Submission System: www.cy-mice.org/icpm8



**STEP 2** | Select a topic to present your abstract **STEP 3** | Fill out author information

STEP 4 Upload your abstract files on the submission system and click the save button

**STEP 5** After the abstract submission, presenter will receive the confirmation letter by e-mail.

#### Organized by

















# CALL FOR **ABSTRACTS**

# **Key Dates**

Abstract Submission Deadline May 28(Fri.), 2021

Abstract Acceptance Notification June 23(Wed.), 2021

Early Registration

June 23(Wed.) - July 23(Fri.), 2021

# **WELCOME MESSAGE**

On behalf of the International Society for Plasma Medicine (ISPM), and the local organizing committee at the Plasma Bioscience Research Center & Applied Plasma Medicine Center of the Kwangwoon University in Seoul, we sincerely thank you for participating to the 8th International Conference on Plasma Medicine (ICPM-8) from August 3~6, 2021. This meeting will be held joint conference of the 10th International Symposium of Plasma Bioscience (ISPB-10).

ICPM-8 and ISPB-10 are initiated to provide an open community for discussion of the current status of scientific and technological achievements in the various fields of plasma biosciences and medicines. We heartedly appreciate all of your participation and contributions to this international, highly scientific, and multidisciplinary community, with very friendly and warm atmospheres. We are strongly anticipating that ICPM-8 and ISPB-10 will be very good for your basic understanding of current state-of-the-art and challenges for plasma bioscience and medicines. Especially ICPM-8 will be a trigger point for your smart scientific ideas, clinical practice, entrepreneurial standardization activities, new interdisciplinary and intercontinental collaborations.

We are already looking forward to seeing you at ICPM-8 and ISPB-10, in August 2021!

Eun Ha Choi Chairman of ICPM-8 and ISPB-10

## **PLENARY SPEAKERS**



**Dr. Eloisa Sardella**National Council of Research-Institute
of Nanotechnology (CNR-NANOTEC),
Bari, Italy
'Generation and Control of Plasma

"Generation and Control of Plasma Induced Reactive Oxygen/Nitrogen Species in Liquids: a Route Toward Selective Cell Responses"



Dr. Augusto Stancampiano
GREMI, France
"Unaccounted Bias in Plasma
in vitro Experiments and the
Translation to in vivo:
Key Issues and Challenges"



Prof. Annemie Bogaerts
University of Antwerp, Belgium
"Modeling for Plasma Medicine:
What Can We Learn from It?"



Prof. Ana Sobota
Eindhoven University of Technology,
The Netherlands
"The Behaviour of Non-thermal

Plasmas in Interaction with Targets"



Prof. Xinpei Lu

Huazhong University of Science
and Technology, China
"Transcutaneous Plasma Stresses:
Fundamentals of Atmospheric
Plasmas, Plasma-cell and
Plasma-tissue Interactions"



Prof. Sun Jung Kim

Dongguk University,

Republic of Korea

"Genetics and Epigenetics of Cold

Atmospheric Plasma Acting on

Breast Cancer Cells"