

8th International Conference on Plasma Medicine

August 3~6, 2021 / Online Conference

ISPB 10 10th 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 1 | Sign up or log into the online system



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



Plasma Bioscience Research Center



광운대학교
KwangWoon University



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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 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"

