

Session Program

Sep 19 – 22, 2023

**Technical Meeting on Emerging Applications of Plasma
Science and Technology**

Medicine

IAEA Headquarters, CR-4

Wed, September 20

9:00 AM

Medicine

Session | Location: IAEA Headquarters, CR-4 | Convener: Michael Keidar

09:00 – 09:30 **Adaptive Plasmas for Biomedical Applications**

Speaker

Michael Keidar

09:30 – 10:00

Low temperature plasma life innovations: Functional reaction networks of radical chemistry

Speaker

Prof. Kenji Ishikawa

10:00 – 10:30 **PLASMA MEDICINE: CURRENT STATUS AND PERSPECTIVES**

Speaker

Prof. Matteo Gherardi

10:30 AM

10:50 AM

Medicine

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10:50 – 11:20

Influential phenotypic traits of living cells and tissues using atm cold plasma source as biocatalysts

Speaker

Prof. Dheerawan Boonyawan

11:20 – 11:50 **Mechanism and Applications of Plasma Gene/Molecular Transfection**

Speaker

Masafumi JINNO

11:50 – 12:20 **Atmospheric Pressure Plasma jet for Biomedical Applications**

Speaker

Ramkrishna Rane

12:20 PM

Fri, September 22

10:50 AM

11:35 AM

Medicine: Summary and Discussion

Session | Location: IAEA Headquarters, CR-4