

3rd RAON School of Heavy Ion Bio Medical Research

Tuesday, 29 November 2022 - Tuesday, 29 November 2022

Scientific Programme

3rd RAON School of Bio-Medical Research

Time : Nov 29, 2022.

Place : On line

Organized by RAON User Liaison Center, Biomedical research group
Support by RAON Users Association

-13:20 ~ 13:25

Opening Remark

Prof. Woo Yoon Park(Chungbuk National Univ.Korea)

Session I

Chair: Prof. Hyun Tai Chung (Seoul National Univ.)

Prof.Se Byeong Lee (National Cancer Center of Korea)

-13:25 ~ 14:00

Carbon Ion in Cancer Therapy

Prof. Hak Choy (The University of Texas Southwestern Medical Center, USA)

-14:00 ~ 14:35

FLASH RT with heavy ions

Prof. Marco Durante (GSI, Germany)

-14:35 ~ 15:10

Developments of hypo fractionated multi-ion therapy at QST

Dr.Taku Inaniwa (NIRS QST, Japan)

-15:10 ~ 15:45

In beam PET

Prof.Maria Giuseppina Bisogni(University of Pisa,Italy)

-15:45 ~ 15:55

Q&A, Discussion

-15:55 ~ 16: 10

Break

Session II

Chair: Prof. Jong Ki Kim (Daegu Catholic University)

Prof. Ki Hwan Kim (Chungnam National University)

-16:10 ~ 16:25

Physics and medical application of ion beam stimulation therapy

Prof. Jong Ki Kim(Daegu Catholic Univ.)

-16:25 ~ 16:40

Proton minibeam therapy

Dr. Young Kyung Lim(National Cancer Center of Korea)

-16:40 ~ 16:55

Tumor treating fields as a proton beam sensitizer for glioblastoma therapy

Prof Eun Ho Kim(Daegu Catholic Univ.)

-16:55 ~ 17:10

Fused Toes Homolog (FTS), a potential target for increasing Carbon-ion radiosensitivity

Prof. Woo Yoon Park(Chungbuk National Univ.)

-17:10 ~ 17:25

Current status of Ion beam plant breeding

Prof. Si Yong Kang(Kongju National Univ.)

-17:25 ~ 17:40

Q&A, Discussion

-17:40 ~ 17:50

Closing Remark

Prof. Woo Yoon Park(Chungbuk National Univ.)