

GI-CoRE Summer School for Radiation Biology 2018

Date		Time	Lecturer	Affiliation	Session Title	Lecture type	Place
1 Aug (Wed)	1	13:00-14:30	Prof. Hiroki Shirao	GI-CoRE	Overview in quantum biology	Lecture	Room 205 3rd FL
	2	14:45-16:15	Dr. Jin-Min Nam	GI-CoRE	Cancer molecular biology and radiation	Lecture	
	3	16:30-18:00	Dr. Jin-Min Nam Dr. Chi-Che Hsieh	GI-CoRE Quantum	Obtain biomedical knowledge about radiation effect on molecules and cells based on cancer molecular biology and its measurement	Lecture	
2 Aug (Thurs)	4	8:45-10:15	Prof. Osamu Inanami	Grad. School of Veterinary Medicine	Advanced radiation biology and new insights about chemical effect of radiation and control of cancer	Lecture	Room 205
	5	10:30-12:00	Assoc. Prof. Hironobu Yasui	Central Institute of Isotope Science	Promising methods for radiotherapy using molecular imaging and radioisotopes	Lecture	
	6	13:00-14:30	Dr. Jin-Min Nam	GI-CoRE Quantum	Practice in lab (Practical Training 1)	experimental lab	Lab 101 4th FL
	7	14:45-16:15	Dr. Jin-Min Nam Dr. Chi-Che Hsieh	GI-CoRE Quantum	Practice in lab (Practical Training 2)	experimental lab	
	8	16:30-18:00	Dr. Jin-Min Nam Dr. Ping Hsiu Wu	GI-CoRE Quantum Grad. School of Medicine	Induction of DNA double strand breaks by radiation treatment and immunofluorescent foci assay	experimental lab	
3 Aug (Fri)	9	8:45-10:15	Dr. Yutaka Takahashi Dr. Kazumasa Minami	Osaka Univ.	Translational Research and Radiation Biology	Lecture	Room 205
	10	10:30-12:00	Prof. Hiroshi Harada	Kyoto Univ.	Obtain knowledge about translational research and understand radioresistancy of hypoxic cells	Lecture	
	11	13:00-14:30	Dr. Jin-Min Nam	GI-CoRE Quantum	Practice in lab (Practical Training 3)	experimental lab	Lab 101
	12	14:45-16:15	Dr. Jin-Min Nam Dr. Ping Hsiu Wu	GI-CoRE Quantum Grad. School of Medicine	Observation and quantification of γ H2AX foci in response to radiation	experimental lab	
	13	16:30-18:00	Dr. Seishin Takao Dr. Ping Hsiu Wu	GI-CoRE Quantum Grad. School of Medicine	Faculty Tour of Proton Site	Site Tour	PBT 1FL
	14	18:15-19:45	Dr. Koichi Yasuda Dr. Jin-Min Nam	GI-CoRE Quantum	Summary and Presentation from Participants	Presentation	PBT 3FL
6 Aug (Mon)	15	8:45-10:15	Prof. Amato Giaccia	Stanford Univ.	Radiation Biology Applied to Clinical Practice	Lecture	Room 205
	16	10:30-12:00	Prof. Qyunh-Thu Le Prof. Constantinos Koumenis	Stanford Univ. Univ. of Pennsylvania	Recent Topics	Lecture	
		18:30-20:00	—	—	jointly with participants of Medical Physics	Reception	TBD

Venues : Graduate School of Medicine, Central Bldg.
Institute for Animal Experimentation
Proton Beam Therapy Center (PBT)