

The 12th GCB Biomedical Science and Engineering Symposium

Theme : Excellence and Extension of Radiotherapy

Dates : August 17 (Sun), 2025 JST

Venue: Clinical Medicine Lecture Building, School of Medicine (Hybrid Event)

<Tentative>

As of Aug 6, 2025

Starting Time	Ending Time	Starting Time	Ending Time	Online	Speakers	Lecture Title
JST		PDT				
8:50	9:00	16:50	17:00		Opening Remarks Prof. Shinya Tanaka & Prof. Quynh-Thu Le	

Session I Theragnostic Radiopharmaceuticals					Session Chairs: Drs. Mizuno, Bo, Hirata and Matsumoto	
9:00	9:30	17:00	17:30	✓	Corinne Beinat/Stanford University, USA	<i>Small Molecule Radiotheranostics using the 18F/77Br Isotope Pair</i>
9:30	10:00	17:30	18:00		Yuki Mizuno/Hokkaido University, Japan	<i>Optimizing Radiopharmaceutical: Enhancing Target Accumulation through Multivalency and Reducing Renal Radioactivity</i>
10:00	10:30	18:00	18:30		Shiro Watanabe/Hokkaido University, Japan	<i>Optimizing Radiopharmaceutical Therapies in Japan</i>
<i>Break (15 mins)</i>						
10:45	11:15	18:45	19:15		Ilhan Lim/Korea Institute of Radiological & Medical Sciences, South Korea	<i>The clinical experience of Targeted Alpha Therapy in KIRAMS</i>
11:15	11:45	19:15	19:45		Hong Song/Stanford University, USA	<i>Milestone in Targeted Radionuclide Therapy: Reflecting on Our Experience with Lu177-PSMA Three Years After FDA Approval</i>
11:45	12:15	19:45	20:15		Tatsuya Higashi/National Institutes for Quantum Science and Technology, Japan	<i>Radiotheranostics and dosimetry</i>
<i>Lunch break (90 mins)</i>						

Session II Cardiac Ablation					Session Chairs: Drs. Aoyama and Koya	
13:45	14:15	21:45	22:15		Yuki Komatsu/University of Tsukuba, Japan	<i>Refining Targets in Scar-Related VT: From Mapping Insights to Ablation Success</i>
14:15	14:45	22:15	22:45		Taro Koya/Hokkaido University, Japan	<i>Treatment strategies for refractory ventricular arrhythmias: The role of noninvasive cardiac radioablation therapy.</i>
14:45	15:15	22:45	23:15		Kenny Merrell/Mayo Clinic, USA	<i>Cardiac Radioablation for Refractory Ventricular Tachycardia: An Emerging Noninvasive Therapeutic Approach</i>
<i>Break (15 mins)</i>						
15:30	15:50	23:30	23:50		Takayuki Hashimoto/Hokkaido University, Japan	<i>Necessary steps for initiating stereotactic proton beam therapy for refractory ventricular tachycardia in Japan</i>
15:50	16:10	23:50	0:30		Naoki Miyamoto/Hokkaido University, Japan	<i>Feasibility study of cardiac- and respiratory-gated proton therapy for arrhythmia radioablation: An initial in-silico evaluation</i>
16:10	16:40	0:30	1:00		Billy W Loo Jr./Stanford University, USA	<i>Stereotactic Arrhythmia Radioablation (STAR) at Stanford</i>
16:40	16:55	0:30	1:00		<i>Discussion</i>	

16:55	17:00	1:00	1:10		Closing Remarks Prof. Takayuki Hashimoto	
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*Stanford 16hours behind