

The 2nd Short-Lived Radioisotope Research Symposium Program

December 13th-14th, 2024

Venue: Grand Front Osaka Knowledge Capital Tower C Conference Room

<Schedule> The order of presentations within a session may be subject to change.

Day1: Friday, December 13th

Time	Session Contents	Speakers
11:00 – 13:00	Reception	
13:00 – 13:10	Opening remarks	Takashi Nakano, Osaka University
13:10 – 13:50	Keynote Speech	Chairperson : Takashi NAKANO, Osaka University Mitsuru UESAKA, Chairperson, Japan Atomic Energy Commission
14:00 – 15:00	RI session 1	Chairperson : Hiroki KANDA, Osaka University & Mariko SEGAWA, JAEA Hiroshi WATABE, Tohoku University Jun KATAOKA, Waseda University
15:10 – 16:40	Nuclear Medicine Session 1 (English)	Chairperson: Yoko SATOH, Fujita Health University & Tadashi WATABE, Osaka University Jeremie CALAIS, UCLA*Online Hiroshi WAKABAYASHI, Kanazawa University Frederik.L. GIESEL, University Hospital Dusseldorf
16:40 – 16:45	Introduction of JSPS Core-to-Core Program	Tadashi WATABE, Osaka University
16:45 – 18:00	Group Photo	
	Poster Session	
18:30 – 20:30	Welcome Reception at Grand Front Osaka Knowledge Capital Tower B 10F (B06-07)	

Day2: Saturday, December 14th

Time	Session Contents	Speakers
09:10 – 10:10	Industry Session 1 (simultaneous English translation)	Chairperson : Mikako OGAWA, Hokkaido University & Yoshifumi SHIRAKAMI, Osaka University Tadashi HATANO, Nihon Medi-Physics Co., Ltd. Masato MURAKAMI, PDRadiophama Inc.
10:20 – 11:50	Nuclear Medicine Session 2 (English)	Chairperson : Kazuko KANEDA, Osaka University & Kazuya KABAYAMA, Osaka University Tohru SHIGA, Fukushima Medical University *Online Thomas HOPE, UCSF Koichi FUKASE, Osaka University
	Lunch Break	

13:20 – 14:10	Industry Session 2 (simultaneous English translation)	Chairperson : Asami KITAOKA, JRIA & Kohshin WASHIYAMA, Fukushima Medical University Yuichi TOMURA, Alpha Fusion Inc. Kazuya TAKI, Sumitomo Heavy Industries, Ltd.
14:30 – 15:30	RI Session 2	Chairperson : Noriko ISHIOKA, QST & Hiromitsu HABA, RIKEN Jun FURUKAWA, University of Tsukuba Shin-Ichi OHIRA, Kumamoto University
15:30 – 15:40	Industry introduction	Milton LÖNNROTH, CEO, Atley
15:40	Closing remarks	Hiroaki OHNISHI, Tohoku University

<Program Day 1>

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◆ **Opening remarks : Research Center for Nuclear Physics, Osaka University** **Director Takashi NAKANO**

Keynote Speech (December 13th 13:10-13:50)

Chairperson : Takashi NAKANO, Osaka University

- **Mitsuru UESAKA, Chairperson, Japan Atomic Energy Commission**

「Action plan for promoting the production and use of medical radioisotopes and follow-up」

RI Session 1 (December 13th 14:00-15:00)

Chairperson : Hiroki KANDA, Osaka University & Mariko SEGAWA, JAEA

- **Hiroshi WATABE, Tohoku University** : 「Radiation management for the development of RI utilization」

- **Jun KATAOKA, Waseda University** :

「Development of X-ray and gamma-ray imaging for visualization of pharmacokinetics」

Nuclear Medicine Session 1 (English) (December 13th 15:10-16:40)

Chairperson: Yoko SATOH, Fujita Health University & Tadashi WATABE, Osaka University

- **Jeremie CALAIS, UCLA*Online** :

「The Current State of Theranostics focusing on CA-IX and PSMA」

- **Hiroshi WAKABAYASHI, Kanazawa University** :

「Current Status of I-131-MIBG Therapy in Japan: A Focus on Neuroblastoma Treatment」

- **Frederik.L. GIESEL, University Hospital Dusseldorf** :

「The New Era of Targeted Alpha Therapy in Clinical Translation」

Introduction of JSPS Core-to-Core Program (December 13th 16:40-16:45)

- **Tadashi WATABE, Osaka University** :

「Enhancement of Global Network for the Development of Innovative Theranostics Target」

Poster Session (December 13th 16:45-18:00)

Welcome Reception (December 13th 18:30-20:30)

Venue: Grand Front Osaka Knowledge Capital Tower B Conference Room

<Program Day 2>

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Industry Session 1 (December 14th 9:10-10:10) with simultaneous English translation

Chairperson : Mikako OGAWA, Hokkaido University & Yoshifumi SHIRAKAMI, Osaka University

- **Tadashi HATANO, Head of Research and Development, Nihon Medi-Physics Co., Ltd. :**
「Realization of Precision Medicine by “αSTARTZ” drug discovery platform for cancer treatment」
- **Masato MURAKAMI, Representative Director, PDRadiopharma Inc. :**
「Theranostics pipeline discovery and revolutionary development strategy of PeptiDream/PDRadiopharma」

Nuclear Medicine Session 2 (English) (December 14th 10:20-11:50)

Chairperson : Kazuko KANEDA, Osaka University & Kazuya KABAYAMA, Osaka University

- **Tohru SHIGA, Fukushima Medical University *Online :**
「Development of At-211 Labeled Radiopharmaceuticals at Fukushima Medical University」
- **Thomas HOPE, UCSF :** 「Theranostics: is it better to predict or respond?」
- **Koichi FUKASE, Osaka University :**
「Astatine production ~ labeling, development status at Osaka University and investigator-initiated clinical trials ~」

Industry Session 2 (December 14th 13:20-14:10) with simultaneous English translation

Chairperson : Asami KITAOKA, JRIA & Kohshin WASHIYAMA, Fukushima Medical University

- **Yuichi TOMURA, Head of Research and Development, Alpha Fusion Inc. :**
「At-211 expands TAT's potential」
- **Kazuya TAKI, Industrial Equipment Division, Sumitomo Heavy Industries, Ltd. :**
「Sumitomo Heavy Industries' efforts to stimulate Astatine drug discovery」

RI Session 2 (December 14th 14:30-15:30)

Chairperson : Noriko ISHIOKA, QST & Hiromitsu HABA, RIKEN

- **Jun FURUKAWA, University of Tsukuba :**
「The spread and importance of radioactive potassium research in plant science」
- **Shin-Ichi OHIRA, Kumamoto University :**
「In-line purification of short-lived radioisotopes using a 3D printer device」

Industry introduction (December 14th 15:30 – 15:40)

- **Milton LÖNNROTH, CEO, Atley :** 「Introduction of Atley C100」

◆ **Closing remarks : Research Center for Accelerator and Radioisotope Science, Tohoku University**
Director Hiroaki OHNISHI