



# **IAEA-SKGH Joint Training Course on**

# **Streamlined and Emerging Theranostics Techniques**

Kamakura-city, Kanagawa, Japan

5-9 August, 2024



# Venue

# **Shonan Kamakura General Hopital**

1370-1 Okamoto, Kamakura-city, Kanagawa, Japan

**Day 1-4** 

5-8<sup>th</sup> August

Training Center A, 4th Floor of Building D



Day 5

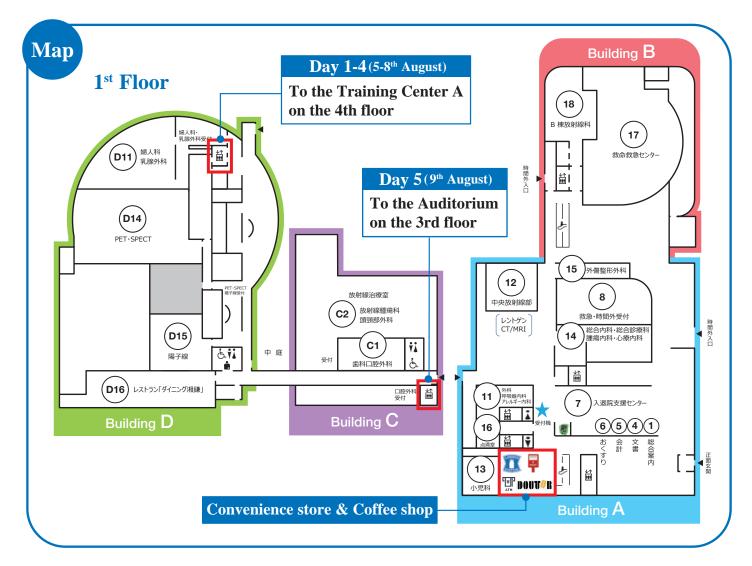
9th August

Auditorium, 3<sup>rd</sup> Floor of Building C





# **General Information**



# **Policy**

- Smoking is prohibited in the rooms and throughout all the buildings.
- Please switch your mobile phone off or to vibration mode during all sessions.
- Please wear a mask while in the hospital.

## Language

• There will be no interpretation except during pre-arranged sessions.

### Wifi

• Please use the given ID and Password for Wifi.

## **Information for speakers**

Please check your presentation material during the break before your presentation.
 A member of staff will assist you in checking your presentation file.

## Shop

- Lawson: Convenience store located on the 1st floor of Building A (open 24 hours)
- Doutor coffee shop: Coffee shop located on the 1st floor of Buildng A (open 7:30-17:30)





#### For those coming by bus

(三) 神: Kanachuu bus (三) 江: Enoden bus



When arriving at Ofuna Station

#### Ofuna Station East Exit (Bus Terminal under Shonan Monorail Station)

#### **Bus Stop Number 1**

- II N60 via Shonan Kamakura General Hospital Fujisawa Exit, bound for "Fujisawa Station North Exit"
- Get off at Shonan Kamakura General Hospital Fujisawa Exit (Operating only on weekdays from Monday to Friday) 1 • N64 via Shonan Kamakura General Hospital Fujisawa Exit, bound for "Shonan iPark"
- Get off at Shonan Kamakura General Hospital Fujisawa Exit (Operating only on weekdays from Monday to Friday)
- T N6 via Shonan iPark, bound for "Fujisawa Station North Exit" Get off at Minami Okamoto

#### Ofuna Station West Exit (Ofuna Kannon side)

#### **Bus Stop Number 1**

- 神•船 32 via Watauchi, bound for "Fujisawa Station North Exit" Get off at Kokaido-Mae 神・船 101 via Shiromeguri Nakamura, bound for "Ofuna Station West Exit" .... Get off at Kokaido-Mae
- 神・船 102 via Kokaido-Mae, bound for "Shiromeguri Nakamura" Get off at Kokaido-Mae

#### **Bus Stop Number 2**

- 神・船 34 via Koen mae, bound for "Minami Okamoto" Get off at Minami Okamoto
- When arriving at Fujisawa Station

#### Fujisawa Station North Exit (Big Camera side)

#### **Bus Stop Number 9**

- 🏮 🎞 N60 💮 via Shonan Kamakura General Hospital Fujisawa Exit, bound for "Ofuna Station East Exit Koutsu Hiroba"
  - Get off at Shonan Kamakura General Hospital Fujisawa Exit (Operating only on weekdays from Monday to Friday)
- 1 N62 via Shonan Kamakura General Hospital Fujisawa Exit, bound for "Shiki no Mori"
  - Get off at Shonan Kamakura General Hospital Fujisawa Exit (Operating only on weekdays from Monday to Friday)
- ፲ N6 via Shonan iPark, bound for "Ofuna Station East Exit" Get off at Minami Okamoto

#### **Bus Stop Number 4**

● 神・船 32 via Karasawabashi • Watauchi, bound for "Ofuna Station West Exit"

Get off at Kokaido-Mae

#### Fujisawa Station South Exit (Odakyu Hyakkaten side)

🔴 江 • F65 💮 via Shonan iPark, bound for "Shonan Kamakura General Hospital" .. Get off at Shonan Kamakura General Hospital



#### For those coming by taxi

- About 10 minutes from Ofuna Station West Exit (Ofuna Kannon side)
- About 15 minutes from Ofuna Station East Exit (Bus Terminal under Shonan Monorail Station)



## For those coming by Free Shuttle Bus

Free shuttle buses are in operation between the following sections;

- Ofuna Station West Exit Shonan Kamakura General Hospital
- Shonan Kamakura General Hospital Shonan Kamakura Clinic / Shonan Kamakura Birth Clinic

# Time Table

	Day 1	Day 2	Day 3	Day 4	Day 5
	5th August, 2024	6th August, 2024	7th August, 2024	8th August, 2024	9th August, 2024
9:00 9:30	9:00-10:00  Opening Remarks Rumi Nakashima Shuzo Kobayashi Shigehiko Terada	9:30-10:30 Yasushi Ichikawa	9:30-10:30 Hiroji Uemura	9:30-10:30 Hiroaki Kurihara	9:00-10:00 Firas Mourtada
10:00	Katsumi Tomiyoshi 10:00-10:30 Akira Sawaki				10:00-10:45 Francesco Giammarii
10:30	10:30-10:45 Break	10:30-10:45 Break	10:30-10:45 Break	10:30-10:45 Break	
11:00	10:45-11:45 Katsumi Tomiyoshi	10:45-11:45 Shoko Takano Noritoshi Kobayashi	10:45-11:45 Homer A. Macapinlac	10:45-11:45 Noboru Oriuchi	10:45-11:00 Homer A. Macapinla 11:00-11:45
11:30		Nortosiii Kobayasiii			<b>Group Discussion</b>
12:00	11:45-13:30 Lunch	11:45-14:00 Lunch	11:45-13:00 Lunch	11:45-13:30 Lunch	Jun Hatazawa 11:45-12:15 Post Course Evaluation
12:30					12:15-13:15 Feedback Session Francesco Giammari Jun Hatazawa
13:00			13:00-14:30 Hiromi Edo Masatoshi Hotta		13:15-13:30 Closing Remarks Francesco Giammari Rumi Nakashima Tomio Inoue
13:30	13:30-14:30 Yasuhito Sasaki			13:30-14:30 Shinichi Gotoh Katsumi Tomiyoshi Hiroshi Igaki	
14:00	-	14:00-14:45	-		
14:30	14:30-15:30 Taro Murai Takayuki Yagihashi	Sho Koyasu 14:45-15:15	14:40-17:00 <b>Technical Visit</b> Katsumi Tomiyoshi	14:30-14:45 Break 14:45-16:15	_
15:00		Homer A. Macapinlac  15:15-15:30 Break	-	Technical Visit Rumi Nakashima Shintaro Shiba Shinichi Gotoh	
15:30	15:30-15:45 Break	15:30-17:00 <b>Technical Visit</b> Katsumi Tomiyoshi		Related officials	
16:00	15:45-16:45 Francesco Giammarile	Akira Sawaki Taro Murai			
16:30		Other Parties			
17:00	1				
	17:30- Welcome Reception		17:20- Get Together Party		

# **Greetings & Welcome Remarks**



# Shuzo Kobayashi

**Chief Executive Officer Shonan Kamakura General Hospital** 

# **Greetings from our CEO**

On behalf of Shonan Kamakura General Hospital (SKGH) as the organizer of this training course, I would like to extend my sincere gratitude and welcome to all the participants. SKGH was established in 1988 and has been committed to providing high quality medical care ever since. In April 2021, the Advanced Medical Center opened, and this new center is dedicated to provide cutting-edge treatments options, particularly in cancer treatment, such as boron neutron capture therapy (BNCT), proton beam therapy, and oral RI therapy. Educating healthcare professionals is also an important mission of our hospital. In the field of nuclear medicine, SKGH, a member of the Consortium of Japanese Universities and Institutions, has been collaborating with the IAEA in human resource development. In line with our missions, we are very pleased to host this training course and contribute to capacity building in the Asia-Pacific region. We hope that through this event, all participants will have a meaningful learning experience on theranostics technologies and practices in nuclear medicine. And be sure to enjoy Japan's ancient capital, Kamakura!



# **Tomio Inoue**

Chief Director Advanced Medical Center Shonan Kamakura General Hospital

## Welcome Remarks

I am the local program director for this training course. The program was developed based on several reviews, including 'Theranostics in Nuclear Medicine: Emerging and Re-emerging Integrated Imaging and Therapies in the Era of Precision Oncology' (RadioGraphics 2020; 40:1715–1740). I collaborated with Francesco and Enrique from the IAEA, exchanging ideas to create the curriculum.

On the first day, there will be a general lecture on theranostics. From the second to the fourth day, specific lectures on theranostics in the field of nuclear oncology. In the afternoon, you can visit the nuclear medicine related facilities in Shonan Kamakura General Hospital and Shonan iPark adjacent to hospital. On the fifth day, there will be lectures and group discussions on the current state of theranostics in the United States, alpha-emitting radionuclide therapy, and future prospects of theranostics in the field of nuclear medicine. Thanks to Francesco's efforts, the UEMS certification for the training course has been approved. I hope that the outcomes of this course will contribute to the dissemination of theranostics in your country.

# **Organizers**

#### **Local Course Director**

#### **Tomio INOUE**

Chief Director, Advanced Medical Center Shonan Kamakura General Hospital

### **Acting Local Course Director**

#### Rumi NAKASHIMA

Chief Director, Preventive Medicine Center Shonan Kamakura General Hospital

#### **Executive Committee Members**

Rumi NAKASHIMA

Shigehiko TERADA

**Katsumi TOMIYOSHI** 

Shinichi GOTOH

Takayuki YAGIHASHI

Masashi YAMANAKA

Satoshi SEKINE

Makiko WADA

**Masahiro HIRATA** 

Noriyuki ASHIHARA

Jun NORITAKE

**Mamiko OKITA** 

**Shoko MATSUMOTO** 

Takeya MATSUO

**Megumi OHASHI** 

Yuki SHIMODA

Yukyu WADA

**Kenya TAKAHASHI** 

**Masashiro MASE** 



