

**The 57<sup>th</sup> JSNM  
The 37<sup>th</sup> JSNMT  
The 12<sup>th</sup> AOCNMB  
The 7<sup>th</sup> ASNMT  
Joint Program**

**Presidential Lectures Thursday Oct.5 10:30-11:30, Room 1**

Chair : Yasuhito Sasaki (Research Center for Radiation Oncology, Shonan-kamakura General Hospital)

Tetsuro Katafuchi (Gifu University of Medical Science)

1. Sustainable Future Development of Nuclear Medicine in the Asia and Oceania Region  
(Department of Radiology, Yokohama City University) **Tomio Inoue**
2. Contribution of radiological technologists to the development of the radiological technology  
(Japan Organization of Occupational Health and Safety, Yokohama Rosai Hospital) **Hiroshi Watanabe**

**Special Keynote Lecture Thursday Oct.5 14:30-15:30, Room 1**

Chair : Jun Hatazawa (Department of Nuclear Medicine and Tracer Kinetics, Osaka University)

MEETING THE CANCER CHALLENGE IN DEVELOPING COUNTRIES

(IAEA Director General) **Yukiya Amano**

**Keynote Lecture Thursday Oct.5 13:30-14:30, Room 1**

Chair : Tomio Inoue (Department of Radiology, Yokohama City University)

Nuclear Medicine Global Network: Telehealth and Trials

(University of Texas Health Sciences Center, USA) **David Yang**

**AOCNMB/ARCCNM/ASNM Symposium Thursday Oct.5 8:30-10:30, Room 1**

Nuclear Medicine of Asian Countries

Chair : Hiroshi Matsuda (Integrative Brain Imaging Center, National Center of Neurology and Psychiatry)

Gang Huang (Dean of ASNM, Shanghai Jiao Tong University, China)

1. Human resource development for Nuclear Medicine Professionals in Asia and Oceania  
(JSNM & AOFNMB President, Osaka University) **Jun Hatazawa**
2. Promotion of Asian Nuclear Medicine driven by Asian School of Nuclear Medicine  
(Dean of ASNM, Shanghai Jiao Tong University, China) **Gang Huang**
3. Perspectives of nuclear medicine training in Asia  
(ARCCNM Chairman, Chonnam National University, Korea) **Henry Bom**
4. Nuclear Medicine in Asia-Oceania  
(WFNMB President, Austin Hospital, Australia) **Andrew Mark Scott**

**IAEA Joint Symposium Thursday Oct.5 15:30-17:30, Room 1**

Initiatives of professional societies and international organizations to promote the lifelong learning process in Nuclear Medicine

Chair : Diana Paez (Department of Nuclear Sciences and Applications, IAEA)  
Takashi Nakano (Department of Radiation Oncology, Gunma University)

1. IAEA Curricula for Nuclear Medicine Professionals in Asia and the Pacific an Internationally recognized training programmes to support continuing medical education  
(Department of Nuclear Sciences and Applications, IAEA) **Diana Paez**
2. Survey of Radiopharmaceuticals  
(Austin Hospital, Australia) **Andrew Mark Scott**
3. IAEA curriculum for Nuclear Medicine Professionals  
(Department of Nuclear Medicine and Tracer Kinetics, Osaka University) **Jun Hatazawa**
4. Conflict of interest in Nuclear Medicine  
(Nuclear Medicine Research Center, Mashhad University of Medical Sciences, Iran) **Seyed Rasoul Zakavi**

**International Symposium Saturday Oct.7 8:00-10:00, Room 1**

“Strategies for the future of nuclear medicine”

Chair : Jun Hatazawa (Department of Nuclear Medicine and Tracer Kinetics, Osaka University)  
Seigo Kinuya (Department of Nuclear Medicine, Kanazawa University)

1. Strategies for the Future of Nuclear Medicine  
(SNMMI President, Augusta University, USA) **Bennett Greenspan**
2. EANM Strategies for the Future of Nuclear Medicine  
(EANM President, University Hospital Brussels, Belgium) **Kristoff Muylle**
3. Strategies for the Future Nuclear Medicine  
(WFNMB President, Austin Hospital, Australia) **Andrew Mark Scott**
4. Greater Effectiveness of High LET Electron Emitters for Theragnostic Applications  
(Brookhaven National Laboratory, USA) **Suresh C. Srivastava**
5. Boron Neutron Capture Therapy: Integration of Nuclear Physics, Nuclear Technology, and Nuclear Medicine  
(JSNM & AOFNMB President, Osaka University) **Jun Hatazawa**
6. Strategies for the future of nuclear medicine  
(Department of Nuclear Medicine, Kanazawa University) **Seigo Kinuya**

**Special Symposium****Friday Oct.6 9:00-11:30, Room 1****For the development of targeted radionuclide therapy in Japan**

Chair : Makoto Hosono (Institute of Advanced Clinical Medicine, Kindai University)

Seigo Kinuya (Department of Nuclear Medicine, Kanazawa University)

Hirofumi Fujii (Division of Functional Imaging, National Cancer Center Japan)

1. Suggestion of problems in the domestic development and the solution to inner irradiation therapy  
(Regional Medical Care Planning Division, Labour and Welfare) **Takeshi Sasaki**
2. Advocacy for Targeted Radionuclide Therapy in Japan:  
How Grassroots Organizations can Influence Health Care Policy?  
(Cancer Support Community Japan) **Kenichi Oi**
3. Radioisotope Therapy(RIT) Advocacy: Changing Cancer Care for pNET in Japan  
(NPO PanCAN Japan) **Yoshiyuki Majima**
4. The regulation of unapproved drugs under the Radiation Hazards Prevention Act  
(Div. of Regulation for Radiation, Radiation Protection Dept., Nuclear Regulation Authority) **Hiroataka Oku**
5. Development of targeted radionuclide therapy for clinical purpose  
(Advanced Clinical Research Center, Fukushima Medical University) **Noboru Oriuchi**
6. JRIA's role for the development of Radionuclide Therapy (for the future)  
(Japan Radioisotope Association) **Nobutaka Nakamura**
7. Targeted Radioisotope Therapy using alpha-emitters - Future perspectives  
(National Institute of Radiological Sciences) **Tatsuya Higashi**

**CSNM-JSNM Program****Saturday Oct.7 10:00-12:00, Room 1****FDG-PET/CT for inflammatory diseases**

Chair : Yaming Li (The First Hospital of China Medical University)

Yuji Nakamoto (Department of Diagnostic Imaging and Nuclear Medicine, Kyoto University)

1. Clinical value of whole-body PET/CT in patients with active rheumatic diseases  
(Department of Connective tissue disease, National Center for Global Health and Medicine) **Hiroyuki Yamashita**
2. Potential usefulness of <sup>18</sup>F-FDG PET/CT in patients with rheumatism of unknown origin  
(The First Hospital of China Medical University, China) **Li Xuena**
3. FDG-PET/CT for HIV associated disorders and tuberculosis  
(Department Radiology, Southern TOHOKU General Hospital) **Kazuo Kubota**
4. PET-CT is a useful tool in the investigation of UFO: opinion from an infectious disease physician  
(The First Hospital of China Medical University, China) **Zhang Jingping**

5. Interesting FDG PET/CT imaging of IUO from Changhai Hospital  
(Shanghai Changhai Hospital, China) **Cheng Chao**
6. Multicenter study data analysis of FDG PET-CT in IUO differential diagnosis  
(Peking University People's Hospital, China) **Wang Qian**

**Japan-China Nuclear Medicine Exchange Seminar**  
**Saturday Oct.7 14:00-17:00, Room 11**

Chair : Hiroshi Toyama (Department of Radiology, Fujita Health University)  
Yaming Li (The First Hospital of China Medical University)

1. The utility of SPECT imaging in the clinical diagnosis of Parkinson's disease and related disorders  
(Faculty of Health Sciences, Shonan University of Health Sciences) **Jumpei Suyama**
2. Relationship between Overall Survival of Patients with Non-Small Cell Lung Cancer and Whole-Body Metabolic Tumor Burden Seen on Fluorodeoxyglucose PET Images  
(Shanghai Jiaotong University Renji Hospital) **Zhang Chenpeng**
3. Importance of technical support for nuclear cardiology  
(Department of Quantum Medical Technology, Kanazawa University) **Takayuki Shibutani**
4. Routine Quality Control in Nuclear Department  
(Jiaotong University Xinhua Hospital, China) **Niu Pei**
5. Efforts of nurses in PET examination  
(Kindai University Hospital) **Yuko Yakishiji**
6. Importance of Examination Guidance Before PET Study  
(Beijing Hospital, China) **Xu Bin**
7. Biodistribution and PET imaging study of  $^{64}\text{Cu}$ -anti-CTLA4 mAb in melanoma bearing mice  
(Department of Radiopharmaceuticals Development, National Institute of Radiological Sciences) **Cuiping Jiang**
8. Synthesis and characterization of SPECT/MRI dual-modality imaging agent SPION-PEG-FA- $^{99\text{m}}\text{Tc}$   
(Department of Nuclear Medicine, Tianjin Medical University General Hospital, China) **Shen Yiming**

**Public Lectures**

**Saturday Oct.7 14:00-16:00, Room 3**

Junior Seminar (For elementary school students)  
“Plan to colonize Mars & how to use radiation in a hospital”

Chair : Izumi Koike (Department of Radiology, Yokohama City University)

Speaker : Seiya Ueno (Department of Systems Design for Ocean-Space,  
Yokohama National University)

Madoka Sugiura (Department of Radiology, Yokohama City Uni-  
versity Hospital)

Matsuyoshi Ogawa (Yokohama City University Hospital)

**SNMMI Wagner-Torizuka Fellowship Program**

**Thursday Oct.5 13:30-15:30, Room 8**

For Young Doctors Who Want To Study Abroad: What We Have Learnt from the  
SNMMI Wagner-Torizuka Fellowship

Chair : Tomohiro Kaneta (Department of Radiology, Yokohama City University)

Akiko Suzuki (Clinical Science Division, R&D, Janssen Pharmaceuti-  
cal K.K.)

1. Discussion for the value of studying abroad through personal experience as research  
fellowship in Boston

(Department of Neurosurgery, Yokohama City University) **Kensuke Tateishi**

2. How to learn nuclear medicine in the United States

(Department of Nuclear Medicine, Hokkaido University) **Kenji Hirata**

3. Studying and living abroad in Stanford – Diversity and universality

(Department of Radiology, Kyoto University Hospital) **Kanae Kawai Miyake**

4. Research experience in U.S. FDA~Continuing efforts to develop therapeutics and com-  
panion diagnostics for cancer~

(Clinical Science Division, R&D, Janssen Pharmaceutical K.K.) **Akiko Suzuki**

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**The 57th Annual Scientific  
Meeting of the Japanese  
Society of Nuclear Medicine  
The 37th Annual Meeting of the  
Japanese Society of Nuclear  
Medicine Technology  
Joint Program**





## JSNM-JSNMT Program

### JSNM-JSNMT Joint Symposium 1

Friday Oct.6 15:30-17:30, Room 1

#### Standardization and Harmonization of SUV on FDG-PET

Chair : Koji Murakami (Department of Radiology, Juntendo University Hospital)  
Hiroyoshi Fukukita (International University of Health and Welfare)

1. Clinical Importance of FDG-PET Biomarker  
(Diagnostic Radiology and Nuclear Medicine, Tokyo Medical Dental University) **Ukihide Tateishi**
2. Review of standardization and harmonization for PET image acquisition and standardized uptake value  
(Department of Radiological Sciences, International University of Health and Welfare) **Kenta Miwa**
3. Concept of quality control and standardization about clinical examination  
(Department of Nuclear Medicine and Tracer Kinetics, Osaka University) **Tadashi Watabe**
4. The JSNM strategies for standardization and harmonization of quantitative whole-body FDG-PET studies  
(National Institute of Radiological Sciences / Institute of Biomedical Research and Innovation) **Go Akamatsu**
5. Standardization and Harmonization for PET imaging: Results from Multi-Center Studies  
(Gunma Prefectural College of Health Sciences) **Hiromitsu Daisaki**

### Joint Symposium 2

Thursday Oct.5 15:30-17:30, Room 11

#### For the spread and safe use of RI therapy - from the viewpoints of various occupations -

Chair : Shoko Takano (Department of Radiology, Yokohama City University)  
Kohei Hanaoka (Institute of Advanced Clinical Medicine, Kindai University)

1. Interprofessional Collaboration in Starting a New Radionuclide therapy  
~YCU approach~  
(Department of Radiology, Yokohama City University) **Shoko Takano**
2. Nurse intervention in the radionuclide therapy, and its future tasks  
(Nursing Department, Kitasato University Hospital) **Tomomi Murayama**
3. At position of a pharmacist for a cancer medical team  
(Department of Pharmacy, Tokyo Medical University Hospital) **Kazuyuki Fujizuka**
4. Current state of radiation safety management for radionuclide therapy  
(Kanazawa University Hospital Department of Radiological Technology) **Hiroto Yoneyama**

**Work in Progress**

**Friday Oct.6 16:00-18:00, Room 11**

Chair : Tomohiro Kaneta (Department of Radiology, Yokohama City University)  
Akio Nagaki (Kurashiki Central Hospital)

1. Siemens Molecular Imaging-Technological update  
(Siemens Healthcare K.K.) **Tetsuro Odagawa**
2. Philips PET/CT Up-to-date  
(Hitachi, Ltd./ Philips Electronics Japan, Ltd.) **Hiroshi Isojima**
3. Introduction of Latest Nuclear Medicine Technology from TOSHIBA  
(Toshiba Medical Systems Corporation) **Kuse Kenji**
4. Diagnostic radiopharmaceuticals for central nervous system field with a focus on DaTSCAN  
(Nihon Medi-Physics Co.,Ltd.) **Kosei Yoshimura**
5. Introduction of a new dbPET system "Elmammo Avant Class"  
(Shimadzu Corporation) **Tomohiko Sato**
6. Introducing the next generation of GE Molecular Imaging  
(GE Healthcare Japan) **Norihiko Saito**

**Nuclear Medicine Nursing Forum**

**Saturday Oct.7 9:00-9:30, Room 9**

Forum 1

Chair : Naomi Ozaki (Tokyo Women's Medical University Hospital)  
Masami Kawamoto (Yuai Clinic)

1. How we can do the patients relax at PET examination  
~RAKURA PILLOW at injection of FDG~  
(Nursing Department, Central CI Clinic) **Yumi Fukuchi**
2. Current situation of nuclear medicine nursing in Japan and China  
(participating in the Japan-China Nuclear Medicine Exchange Meeting)  
(Kindai University Hospital) **Yuko Yakishiji**

**Saturday Oct.7 9:35-9:55, Room 9**

Forum 2

Chair : Tomomi Imamura (Kindai University Hospital)  
Minoru Sakurai (Clinical Imaging Center for Healthcare, Nippon Medical School)

1. Current status and issues of newly operated RI ward in Fukushima Medical University Hospital  
(Department of Nursing, Fukushima Medical University Hospital) **Tokiko Shigihara**
2. Patient information necessary from clinical departments in order to undergo PET-CT exam safely  
(Tokushima University Hospital) **Yukie Kageishi**

**Saturday Oct.7 10:00-11:40, Room 9**

Forum 3

Chair : Takako Harada (Kurashiki Central Hospital)  
Yasuhiro Magata (Hamamatsu University School of Medicine)

1. The current status and issues of the nuclear medicine service in TWMU  
(Department of Diagnostic Imaging and Nuclear Medicine, Tokyo Women's Medical University) **Koichiro Abe**
2. The role of pharmacists in nuclear medicine ~ "Ever" and "Future" ~  
(Health Medical Center, Nippon Medical School) **Kazuyoshi Honjo**
3. Radiological technologists provide patient-centered PET too  
(Division of Positron Emission Tomography, Institute of Advanced Clinical Medicine, KINDAI University)  
**Kohei Hanaoka**
4. The nurse is key person contributing to team collaboration in medical care  
(PET Center, Public Central Hospital of Matto Ishikawa) **Maki Wakasa**