

**The 65th Annual Scientific
Meeting of the Japanese Society
of Nuclear Medicine**

Special Program

1st day Thursday Nov.13

Room 1

(3F, Exhibition Hall 3 A, Kyoto International Exhibition Hall 'Miyako Messe')

**Research Encouragement Prize; Asian and Oceanian Young Investigator Award;
Returnee Encouragement Prize Winner's Lecture** Partially English **15:50-17:50**

Chair : Yoshihiro Nishiyama (Department of Radiology, Kagawa University)

Tomohiro Kaneta (Department of Diagnostic Image Analysis, Graduate School of Medicine, Tohoku University)

Research Encouragement Prize

Aya Ogata (Faculty of Applied Biological Sciences, Gifu University)

Kazuma Nakashima (Department of Patho-Functional Bioanalysis Graduate School of Pharmaceutical Sciences, Kyoto University)

Yuki Mizuno (Central Institute of Isotope Science, Hokkaido University)

Asian and Oceanian Young Investigator Award

Hardiansyah Deni (Medical Physics and Biophysics Research Group, Physics Department, Faculty of Mathematics and Natural Sciences (FMIPA), Universitas Indonesia, Indonesia)

Chen Haojun (The First Affiliated Hospital of Xiamen University)

Returnee Encouragement Prize

Tomomi Nobashi (Preemptive Medicine and Lifestyle Related Disease Research Center, Kyoto University Hospital)

Room 3

(1F, Exhibition Hall 2 D, Kyoto International Exhibition Hall 'Miyako Messe')

JSNM Special Lecture 1 **14:40-15:40**

**Learning from International Senior Researchers: How Study Experience in Japan
Benefited Their Subsequent Research Careers**

Chair : Keigo Endo (Kyoto University of Medical Science)

1. Career development through international education and research experience

(Department of Nuclear Medicine, Fudan University Huashan Hospital, Shanghai, China) **Mei Tian**

2. A 10-year Journey of Endeavor and Discovery in Japan

(Department of Nuclear Medicine, Zhejiang Cancer Hospital, Hangzhou, China) **Hong Zhang**

3. Designated Statement

(Department of Nuclear Medicine, JIPMER, Puducherry, India) **Dhanapathi Halanaik**

SNMMI-EANM-JSNM Joint Session

English

16:20-17:20

Prospects of Global Nuclear Medicine and Humanity with EANM and SNMMI

Chair : Takashi Kudo (Department of Radioisotope Medicine, Atomic Bomb Disease Institute, Nagasaki University)
Nagara Tamaki (Kyoto University of Medical Science)

1. SNMMI Theranostics Vanguard and CB-ROC Programs

(Society of Nuclear Medicine & Molecular Imaging) **Jean-Luc C. Urbain**

2. Quality Without Borders: Accreditation that Transforms Care and Builds International Trust

(European Association of Nuclear Medicine (EANM)) **Alexis Vrachimis**

Room 4

(B1F, Exhibition Hall 1 A, Kyoto International Exhibition Hall 'Miyako Messe')

Accomplishment Report with Research Grants

8:30-9:30

Chair : Yoshihiro Nishiyama (Department of Radiology, Kagawa University)

Tomohiro Kaneda (Department of Diagnostic Image Analysis, Graduate School of Medicine, Tohoku University)

1. ^{211}At -labeled RGD peptide-based targeted alpha therapy in combination with immune checkpoint inhibitors

(Graduate School of Medical Sciences, Kanazawa University) **Kazuma Ogawa**

2. Establishment of a registry for developing safe measures to address hypoglycemia occurring before and during FDG-PET examinations

(Department of Diagnostic Imaging and Nuclear Medicine, Kyoto University Graduate School of Medicine)

Koya Nakatani

3. Prognostic value of ^{13}N -ammonia PET myocardial flow reserve in Japanese ischemic heart disease

(Department of Cardiology, and Diagnostic Imaging and Nuclear Medicine, Tokyo Women's Medical University)

Atsushi Yamamoto

4. Standardizing Breast-Specific PET Imaging: Insights from Phantom and Clinical Studies in a Multicenter Japanese Trial

(Imaging Center, Fujita Medical Innovation Center Tokyo) **Yoko Satoh**

Oral and Maxillofacial Nuclear Medicine Forum 2025

9:45-11:45

Chair : Shin Nakamura (Department of Dental Radiology and Radiation Oncology, Graduate School of Medical and Dental Sciences, Institute of Science Tokyo)

Ichiro Ogura (Department of Oral and Maxillofacial Radiology, The Nippon Dental University School of Life Dentistry at Niigata)

1. Evaluation of NRONJ and ORN by Bone SPECT/CT and FDG-PET/CT

(Department of Radiology, Hyogo Medical University) **Kazuhiro Kitajima**

2. Experience from a medical and dental radiology study session

(Department of Diagnostic Radiology, The Institute of Science) **Junichi Tsuchiya**

3. Recent Advances in PET/CT Imaging in the Oral and Maxillofacial Region

(Department of Dental Radiology and Radiation Oncology, Graduate School of Medical and Dental Sciences, Institute of Science Tokyo) **Shin Nakamura**

4. Update on SPECT/CT in the oral and maxillofacial region

(Department of Oral and Maxillofacial Radiology, The Nippon Dental University School of Life Dentistry at Niigata)
Ichiro Ogura

JSNM Symposium 1

14:40-16:10

Imaging of Cardiac Sarcoidosis: Revisited

Chair : **Takashi Kudo** (Department of Radioisotope Medicine, Atomic Bomb Disease Institute, Nagasaki University)
Yasuyo Taniguchi (Department of General Medicine, Harima-Himeji General medical Center)

1. Rethinking the Imaging of Cardiac Sarcoidosis

(Department of Radiology and Nuclear Medicine, Fukushima Medical University) **Kenji Fukushima**

2. Imaging Update on Cardiac Sarcoidosis: Revisiting the Potential of MRI

(Department of Radiology, Jichi Medical University Saitama Medical Center) **Noriko Oyama-Manabe**

3. The Utility of SPECT in Cardiac Sarcoidosis

(Department of Diagnostic Imaging and Nuclear Medicine, Tokyo Women's Medical University / Department of Cardiology, Tokyo Women's Medical University) **Yamamoto Atsushi**

JSNM Symposium 2

16:20-17:50

Artificial Intelligence in Nuclear Medicine Imaging: From Imaging to Clinical Decision Support

Chair : **Kenichi Nakajima** (Department of Nuclear Medicine, Kanazawa University)
Koya Nakatani (Department of Diagnostic Imaging and Nuclear Medicine, Graduate School of Medicine Kyoto University)

1. Foundations and Frontiers: AI in Nuclear Medicine Imaging

(Department of Nuclear Medicine, Kanazawa University) **Kenichi Nakajima**

2. Clinical Applications of AI in Nuclear Medicine

(Department of Radiology, Faculty of Medical Sciences, University of Fukui) **Tetsuya Tsujikawa**

3. AI generative imaging in Nuclear Medicine: enhancing image quality and image correction

(Department of Radiation Science, Hirosaki University Graduate School of Health Sciences) **Koichi Okuda**

4. LLMs in Education and Diagnostic Support

(Department of Innovative BioMedical Visualization, Nagoya University Graduate School of Medicine) **Rintaro Ito**

Room 6

(B1F, Main Conference Room, Kyoto International Exhibition Hall 'Miyako Messe')

The 44th Meeting of the Respiratory Imaging Seminar

9:50-11:40

Chair : Naoto Kawaguchi (Department of Radiology, Ehime University Graduate School of Medicine)
Hiroshi Higashino (Department of Radiology, Yotsuba Circulation Clinic, Matsuyama Heart Center)

1. Usefulness of deep Inspiratory breath hold pulmonary perfusion SPECT
(Department of Radiological Technology, Yotsuba Circulation Clinic, Matsuyama Heart Center) **Masayuki Tanaka**
2. Diagnostic accuracy of visual assessment for right-to-left shunt using chest planar images
(Department of Radiology, Ehime University Hospital) **Tomohisa Okada**
3. Prognostic Value of Deep-Inspiratory Breath-Hold Perfusion SPECT/CT in Pulmonary Embolism
(Department of Radiology, Nippon Medical School) **Takahiro Ando**
4. Identification of CTEPH: Emerging Novel Imaging Modalities
(Department of Clinical Radiology, Graduate School of Medical Sciences, Kyushu University) **Yuzo Yamasaki**

Room 8

(B1F, Special Exhibition Hall A, Kyoto International Exhibition Hall 'Miyako Messe')

The 26th Meeting of the Japanese Council of Nuclear Neuroimaging

9:00-11:30

Nuclear Medicine Insights into Parkinson's Disease and Beyond

Chair : Manabu Kubota (Department of Psychiatry, Graduate School of Medicine, Kyoto University)
Shigeki Hirano (Department of Neurology, Graduate School of Medicine, Chiba University)

1. Functional Network Analysis Using SPECT and PET in Neurodegenerative Diseases
(Department of Neurology, Chiba University Graduate School of Medicine) **Yoshikazu Nakano**
2. Current status of alpha-synuclein PET imaging
(Advanced Neuroimaging Center, Institute for Quantum Medical Science, National Institutes for Quantum Science and Technology) **Hironobu Endo**
3. RI examinations in investigator-initiated clinical trials for Parkinson's disease
(Department of Diagnostic Imaging and Nuclear Medicine, Kyoto University Graduate School of Medicine)
Yasutaka Fushimi

Room 9

(B1F, Conference Room 2 & 3, Kyoto International Exhibition Hall 'Miyako Messe')

The 20th Japan-China Nuclear Medicine Exchange Seminar

English

9:15-11:45

Special Lecture

Chair : Kenji Hirata (Department of Diagnostic Imaging, Faculty of Medicine, Hokkaido University)

Development of Nuclear Medicine in China in Recent Years

(Department of Nuclear Medicine, The first Hospital, China Medical University, Shenyang, China) **Yaming Li**

Part 1: Exchange Meeting

Chair : Chenghe Lin (The First Hospital of Jilin University)

Tadashi Watabe (Department of Radiology, Graduate School of Medicine, The University of Osaka)

1. The Current Status of Positron Emission Tomography (PET) Tracer Application in the Department of Nuclear Medicine at the First Hospital of Jilin University
(The First Hospital of Jilin University) **Yinghua Li**
2. Development of bimodal agents for auger electron and photodynamic combination therapy
(Graduate School of Pharmaceutical Sciences, Kyoto University) **Watanabe Hiroyuki**
3. The clinical application of Yttrium-90 resin microspheres selective internal radiation therapy (SIRT) for Liver Cancer
(The First Hospital of Jilin University) **Benzheng Jiao**
4. Comparison of Myocardial Perfusion from Coronary Angiography and Nuclear Medicine Imaging
(Department of Radiological Technology, Faculty of Fukuoka Medical Technology, Teikyo University) **Yuya Sekikawa**
5. The Clinical Value of PET-CT/MR in the Diagnosis and Treatment of Alzheimer's Disease
(The First Hospital of Jilin University) **Hongguang Zhao**
6. Visualization of AMPA receptor in human brain
(Department of Physiology, Yokohama City University Graduate School of Medicine) **Takuya Takahashi**

Part 2 : Breast Cancer PET Symposium

Chair : Shaoli Song (Fudan University Shanghai Cancer Center)

Yoko Satoh (Fujita Medical Innovation Center Tokyo)

1. ^{18}F -fluoroestradiol (^{18}F -FES) PET/CT guided first-line treatment for HR+/HER2- metastatic breast cancer patients: experience from real-world
(Department of Nuclear Medicine, Fudan University Shanghai Cancer Center, Shanghai, China) **Cheng Liu**
2. The Era of Imaging Estrogen Receptors: FES-PET as a New Option in Breast Cancer Management
(Department of Molecular Imaging Research, Kobe City Medical Center General Hospital) **Tomohiko Yamane**

2nd day Friday Nov.14

Room 1

(3F, Exhibition Hall 3 A, Kyoto International Exhibition Hall 'Miyako Messe')

JSNM Educational Lecture 1

8:30-9:30

Chair : Anri Inaki (Division of Functional Imaging, Exploratory Oncology Research and Clinical Trial Center (EPOC), National Cancer Center)

Drug development to clinical implementation in nuclear medicine imaging and therapy

(Department of Radiology, Kindai University Faculty of Medicine) **Makoto Hosono**

JSNM Special Lecture 2

English

13:30-14:30

Chair : Hiroshi Wakabayashi (Department of Nuclear Medicine, Kanazawa University Hospital)

Hybrid Imaging: From 'un-clear' to 'nu-clear' medicine

(QIMP Team, Medical University of Vienna, Austria) **Thomas Beyer**

Room 3

(1F, Exhibition Hall 2 D, Kyoto International Exhibition Hall 'Miyako Messe')

JSNC-JSNM Joint Symposium

8:30-10:00

Reevaluation of Imaging in Cardiac Amyloidosis

Chair : Kenji Fukushima (Fukushima Medical University)

Shu Kasama (Center for Clinical Research and Advanced Medicine, Shiga University of Medical Science)

1. Overview of cardiac amyloidosis

(Department of Radioisotope Medicine, Atomic Bomb Disease Institute, Nagasaki University) **Takashi Kudo**

2. From the Radiologist's Perspective

(Department of Radiology, Faculty of Medicine, Kagawa University) **Takashi Norikane**

3. Reconsidering imaging of cardiac amyloidosis - from the perspective of cardiology

(Department of Cardiovascular Medicine, Graduate School of Medical Sciences, Kumamoto University)

Yasuhiro Izumiya

Room 4

(B1F, Exhibition Hall 1 A, Kyoto International Exhibition Hall 'Miyako Messe')

JSNM Symposium 3

Partially English

9:40-12:10

Pioneering the Future of Oncology through Nuclear Medicine

Chair : Chio Okuyama (Clinical Research Center, Shiga General Hospital, Moriyama)

Kenji Hirata (Department of Diagnostic Imaging, Faculty of Medicine, Hokkaido University)

1. PSMA Theranostics in Prostate Cancer: An Introduction from Molecular Imaging to Targeted Radioligand Therapy and Future Clinical Perspectives

(European Association of Nuclear Medicine (EANM)) **Alexis Vrachimis**

2. Current Status and Future Perspectives of ^{131}I -MIBG Therapy for Neuroblastoma in Japan
(Department of Nuclear Medicine, Kanazawa University) **Hiroshi Wakabayashi**
3. Therapy Using Auger Electrons from ^{64}Cu -ATSM
(LinqMed Inc.) **Yukie Yoshii**
4. FAPI-PET: The beginning of the post-FDG era
(Department of Radiology, Graduate School of Medicine, The University of Osaka) **Tadashi Watabe**
5. FES-PET: Reshaping the Future of Breast Cancer Management
(Department of Radiology, Faculty of Medical Sciences, University of Fukui) **Tetsuya Tsujikawa**

PET Nuclear Medicine Workshop

13:30-15:30

Recent Trends and Developments in PSMA-PET

Chair : Ukihide Tateishi (Institute of Science Tokyo)
Noboru Oriuchi (Advanced Clinical Research Center, Fukushima Medical University)

1. Recent advances in PSMA-PET: trends and prospects
(Department of Radiology, Kindai University Faculty of Medicine) **Makoto Hosono**
2. Overview of Radiopharmaceuticals Used in PSMA PET Imaging
(Department of Radiology, Kyoto University Hospital) **Yoichi Shimizu**
3. Production of Ga-68 using generator and cyclotron
(Advanced Clinical Research Center, Fukushima Medical University) **Kazuhiro Takahashi**
4. Management of Prostate Cancer Using PSMA-PET
(Preemptive Medicine and Lifestyle Related Disease Research Center, Kyoto University Hospital)
Ryusuke Nakamoto

Room 6

(B1F, Main Conference Room, Kyoto International Exhibition Hall 'Miyako Messe')

Panel Discussion with the Japan Atomic Energy Commission 8:30-09:30

Advancing Nuclear Medicine Practice in Japan – Collaboration between the Japan Atomic Energy Commission of the Cabinet Office and the Japanese Society of Nuclear Medicine

Chair : Seigo Kinuya (Department of Nuclear Medicine, Kanazawa University)
Jun Hatazawa (Japan Radioisotope Association)

1. Action Plan and Progress for Production and Use of Medical Radioisotopes
(Chairperson of the Japan Atomic Energy Commission (JAEC), Cabinet Office, Government of Japan)
Mitsuru Uesaka
2. Suggested proposals of JSNM to authorities
(Dept. of Nuclear Medicine, Kanazawa University) **Seigo Kinuya**

3rd day Saturday Nov.15

Room 1

(3F, Exhibition Hall 3 A, Kyoto International Exhibition Hall 'Miyako Messe')

JSNM Educational Lecture 2

8:30-09:30

Chair : Takayoshi Ishimori (Department of Diagnostic Radiology, Medical Research Institute Kitano Hospital)

Let's read PET images together

(Department of Diagnostic Imaging and Nuclear Medicine, Graduate School of Medicine Kyoto University)

Yuji Nakamoto

Room 3

(1F, Exhibition Hall 2 D, Kyoto International Exhibition Hall 'Miyako Messe')

JCR Hour (Japanese College of Radiology Joint Program)

8:30-10:00

Teaching Tips : Inspiring Young Professionals and Students

Chair : Aki Kido (Department of Radiology, University of Toyama)

Kenji Hirata (Department of Diagnostic Imaging, Faculty of Medicine, Hokkaido University)

1. How to teach about radiation exposure for patients and healthcare professionals?
(Tokyo Radiology Clinic / Juntendo University) **Koji Murakami**
2. Does it take a long time to interpret PET/CT images?
(Research Institute for Radiation Biology and Medicine, Center for Radiation Disaster Medical Science, Hiroshima University) **Mana Ishibashi**
3. An introduction to cardiac nuclear medicine: no need to be afraid!
(Department of Radiology, Jichi Medical University Saitama Medical Center) **Osamu Manabe**
4. Nuclear Medicine Education Utilizing Generative AI and AI Agents
(Department of Diagnostic Imaging, Faculty of Medicine, Hokkaido University) **Kenji Hirata**

Japanese College of Radiology Joint Program

Room 4

(B1F, Exhibition Hall 1 A, Kyoto International Exhibition Hall 'Miyako Messe')

JSNM Special Lecture 3

10:10-11:10

Chair : Hiroshi Ito (Department of Radiology and Nuclear Medicine, Fukushima Medical University)

Development of Theranostics at F-REI in Fukushima

(Department of Nuclear Medicine, Kanazawa University) **Seigo Kinuya**

Nuclear Medicine Nursing Forum

13:15-14:35

A session by a nuclear medicine nurse active in the field of nuclear medicine. We hope for an increase in the medical fee system.

Chair : Masayo Mimoto (Kochi Health Sciences Center)
Takako Harada (Kurashiki Central Hospital)

1. Activities of Nuclear Medicine Nurse Practitioner at Our Hospital
(Nursing Department, Shonan Kamakura General Hospital) **Megumi Satake**
2. Construction and operation of Biwako PET support system
(Department of Nursing, Shiga General Hospital) **Sayaka Goda**
3. Challenges and Contributions of Nurses in Nuclear Medicine Nursing
(Kansai Electric Power Hospital) **Etsuko Hattori**
4. The Power of Nuclear Medicine Nursing
(Tottori Prefectural Central Hospital) **Mizuki Hashimoto**
5. Considering disasters in the field of nuclear medicine
(Nara Medical University) **Youji Koyanagi**

Room 5

(B1F, Exhibition Hall 1 B, Kyoto International Exhibition Hall 'Miyako Messe')

JSNM Symposium 4

9:50-11:50

Essential Examinations in Anti-Amyloid- β Antibody Treatment Strategies

Chair : Kazunari Ishii (Department of Radiology, Kobe University Graduate School of Medicine)
Ishii Kenji (Team for Neuroimaging Research, Tokyo Metropolitan Institute for Geriatrics and Gerontology)

1. Fluid Biomarkers for Dementia in the Era of Anti-Amyloid beta Antibody Drugs
(Department of Neuroetiology and Diagnostic Science, Healthy Longevity Medicine, Osaka Metropolitan University Graduate School of Medicine) **Takahiko Tokuda**
2. Drug Treatment Strategies: The Role of Brain MRI
(Department of Diagnostic Radiology, Tokyo Metropolitan Institute for Geriatrics and Gerontology) **Aya M. Tokumaru**
3. Brain perfusion SPECT and FDG PET
(National Center for Geriatrics and Gerontology) **Kengo Ito**
4. Brain Amyloid PET
(Drug Discovery and Cyclotron Research Center, Southern Tohoku Research Institute for Neuroscience / Clinical Imaging Center for Healthcare, Nippon Medical School) **Hiroshi Matsuda**
5. Tau PET perspectives on optimizing amyloid-targeted therapy and remaining challenges
(Department of Functional Neurology & Neurosurgery, Center for Integrated Human Brain Science, Brain Research Institute, Niigata University / Advanced Neuroimaging Center, Institute for Quantum Medical Science, National Institutes for Quantum Science and Technology) **Hitoshi Shimada**

Room 6

(B1F, Main Conference Room, Kyoto International Exhibition Hall 'Miyako Messe')

Hisada Prize Winner's Lecture

13:15-14:15

Chair : **Kazunari Ishii** (Department of Radiology, Kobe University Graduate School of Medicine)

Gold Award **Eitaro Kidera** (Kishiwada City Hospital)

Silver Award **Kentaro Tamura** (Department of Radiology, Fujita Health University)

Bronze Award **Ahmed Shamim** (Department of Nuclear Medicine, All India Institute of Medical Sciences)