

**The 66th Annual Scientific
Meeting of the Japanese Society
of Nuclear Medicine**

Special Program

1st day Thursday Nov.19

Room 1
(Arcree HIMEJI 2F Grand Hall)

SNMMI-EANM-JSNM Joint Session

English

15:00-16:00

Global Collaboration for the Future of RLT

Chair : Takashi Kudo (Department of Radioisotope Medicine, Atomic bomb disease institute, Nagasaki University)
Miwako Takahashi (Institute for Quantum Medical Science, National Institutes for Quantum Science and Technology)

1. Making Clinical Trial Data Relevant Across Sites: The Power of International Collaboration
(Society of Nuclear Medicine & Molecular Imaging (SNMMI)) **Heather Jacene**
2. Supporting the Growth of Prostate Cancer Radioligand Therapy: EANM's Patient Referral Pathways and Country Capacity Assessment
(European Association of Nuclear Medicine (EANM)) **Pierre-Yves Salaün**

JSNM Special Program 01

16:20-17:50

The Road to Himeji Castle: Audience-Participatory Annual Meeting Highlight Quiz

Quiz Host : Yumiko Kono (Department of Radiology, Kansai Medical University)
Koya Nakatani (Department of Diagnostic Imaging and Nuclear Medicine, Kyoto University Graduate School of Medicine)

< Quizmaster >

(Joint Research Chair of Advanced Radioisotope Medicine, The University of Osaka Graduate School of Medicine) **Hiroki Kato**
(Department of Medical Technology, The University of Osaka Hospital) **Takashi Kamiya**
(Department of Nuclear Medicine, Faculty of Medicine, Institute of Medical, Pharmaceutical and Health Sciences, Kanazawa University) **Daiki Kayano**
(Outpatient Nursing Department, Shonan Kamakura General Hospital) **Megumi Satake**
(Department of Radiology / Biomedical Imaging Research Center, Kobe University Hospital / University of Fukui) **Munenobu Nogami**
(Near InfraRed Photo-ImmunoTherapy Research Institute, Kansai Medical University) **Hirofumi Hanaoka**

< Contestant >

(Department of Diagnostic Radiology, Tohoku University Hospital) **Kentaro Takanami**
(Department of Nuclear Medicine, Hokkaido University Hospital) **Shiro Watanabe**
(Department of Nuclear Medicine, National Center for Global Health and Medicine) **Masatoshi Hotta**
(Diagnostic Radiology, Institute of Science Tokyo) **Kota Yokoyama**
(Department of Radiology, Fujita Health University) **Inui Yoshitaka**
(Radiology, Fujita Health University) **Hiroshi Toyama**
(Department of Clinical Radiology, Graduate School of Medical Science, Kyushu University) **Yoshiyuki Kitamura**
(Radiology, Kagoshima University, Graduate School of Medical and Dental Sciences) **Masatoyo Nakajo**

The 27th Meeting of the Japanese Council of Nuclear Neuroimaging

9:00-11:30

Frontiers in Glial Imaging of Neurodegenerative Diseases

Chair : Masamichi Ikawa (Department of Community Health Science, Faculty of Medical Sciences, University of Fukui)
Manabu Kubota (Department of Psychiatry, Graduate School of Medicine, Kyoto University)

1. The Cutting Edge of Astrocyte PET Imaging: Development and Clinical Applications
(Division of Pharmacology, Faculty of Medicine, Tohoku Medical and Pharmaceutical University) **Ryuichi Harada**
2. Astrocyte Dysfunction Linking Metabolic and Clearance Failure: Insights from PSP
(Institute for Quantum Life Science, National institutes for Quantum Science and Technology) **Yuhei Takado**
3. PET Imaging of Microglial Activation in Alzheimer's Disease
(HAMAMATSU BioPhotonics Innovation Laboratory, Institute of Photonics Medicine, Hamamatsu University School of Medicine / Shizuoka Institute of Epilepsy and Neurological Disorders) **Tatsuhiro Terada**

Room 4

(Arcree HIMEJI 2F Small Hall)

Keynote Lecture 01

Partially English

14:00-15:10

Brain PET: Amyloid 1

Chair : Hidehiko Okazawa (University of Fukui)
Ryo Yamakuni (Department of Radiology and Nuclear Medicine, School of Medicine, Fukushima Medical University)

Amyloid-PET in the context of novel anti-Amyloid treatment options

(Department of Nuclear Medicine, Bern University Hospital, Inselspital, University of Bern, Switzerland)
Axel Rominger

Accomplishment Report with Research Grants

8:30-9:30

Chair : Yoshihiro Nishiyama (Department of Radiology, Faculty of Medicine, Kagawa University)
Tomohiro Kaneta (Department of Diagnostic Image Analysis, Graduate School of Medicine, Tohoku University)

1. A Proposed Framework for the Use of Nuclear Medicine in Epilepsy
(Institute for Quantum Medical Science, National Institutes for Quantum Science and Technology)
Miwako Takahashi
2. Combination therapy of ²¹¹At-labeled RGD peptide and immune checkpoint inhibitors
(Kyoto University, Kyoto, Japan) **Kazuma Ogawa**
3. Establishment of a Registry for Safe Management of Hypoglycemia in FDG-PET
(Department of Diagnostic and Interventional Radiology, St. Marianna University School of Medicine, Kawasaki, Japan)
Koya Nakatani
4. Reforming pharmacy education to meet nuclear medicine needs: survey and interview findings
(Advanced Clinical Research Center, Fukushima Medical University) **Kaori Nomura**

**Research Encouragement Prize; Asian and Oceanian Young Investigator Award;
Returnee Encouragement Prize Winner's Lecture** Partially English **9:40-11:40**

Chair : Yoshihiro Nishiyama (Department of Radiology, Faculty of Medicine, Kagawa University)
Tomohiro Kaneta (Department of Diagnostic Image Analysis, Graduate School of Medicine, Tohoku University)

Research Encouragement Prize

Naoya Kondo (Department of Biofunctional Analysis, Graduate School of Pharmaceutical Sciences, Osaka Medical and Pharmaceutical University)

Ryo Yamakuni (Department of Radiology and Nuclear Medicine, School of Medicine, Fukushima Medical University)

Hirofumi Yamada (Department of Diagnostic Radiology, Institute of Science Tokyo)

Asian and Oceanian Young Investigator Award

Kang Yeon-Koo (Department of Nuclear Medicine, Seoul St. Mary's Hospital, The Catholic University of Korea)

Byun Jung Woo (Department of Nuclear Medicine, Seoul National University Hospital)

Returnee Encouragement Prize

Masatoshi Hotta (Department of Nuclear Medicine, National Center for Global Health and Medicine)

Room 5
(Arcree HIMEJI 1F Main Studio)

Cultural lecture

10:40-11:40

The Road to Himeji Castle

Chair : Atsushi Kono (Department of Radiology, Kindai University Faculty of Medicine)

Himeji Castle has two "paths."

The first is the path leading from the castle gate to the main keep. Along this route lie the ingenious strategies and hidden secrets devised by the samurai who risked their lives to defend the castle.

The second is the path that we must follow to preserve Himeji Castle—one of the world's greatest cultural treasures—for future generations.

In this lecture, I will reveal the hidden stories and unique value of Himeji Castle, including many fascinating facts that are little known even to local residents.

(Himeji joukamachi Guild) **Kazuya Haga**

JSNM Symposium 01

14:10-15:40

Focus on Cardiovascular CMD (Coronary Microvascular Dysfunction)

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

Yasuyo Taniguchi (Department of General Medicine, Department of Cardiology, Hyogo Prefectural Harima-Himeji General Medical Center)

Discussant : Hitoshi Matsuo (Department of Cardiovascular Medicine, Gifu Heart Center)

1. Seeing the Invisible: PET Insights into the Pathophysiology of CMD

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

2. Clinical Significance of Coronary Microvascular Disease: How to Diagnose and Treat

(Department of Cardiology, Sakakibara Heart Institute) **Mamoru Nanasato**

JSNM Symposium 02

15:50-17:20

Impact of AI/GPU Technology on Nuclear Medicine: Future Perspectives in Research and Clinical Application

Chair : Yuichi Kimura (Faculty of Informatics, Cyber Informatics Research Institute, Kindai University)

1. How Agent AI and Physical AI Powered by GPUs Will Transform Nuclear Medicine
(Healthcare Business Unit, NVIDIA) **Taiei Yamada**
2. Current Status and Future Expectations of AI/GPU Use in Nuclear Medicine
(Department of Diagnostic Imaging, Faculty of Medicine, Hokkaido University) **Kenji Hirata**
3. Current Status of Medical AI Research from an Engineering Academic Perspective
(Advanced Medical Research Institute, University of Hyogo) **Syoji Kobashi**

Oral and Maxillofacial Nuclear Medicine Forum 2026

8:30-10:30

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

Shin Nakamura (Department of Dental Radiology and Radiation Oncology, Institute Of Science Tokyo)

1. Targeted Alpha Therapy and Its Potential Application to Tongue Cancer
(Department of Oral and Maxillofacial Radiology, Graduate School of Dentistry, The University of Osaka)
Hiroaki Shimamoto
2. Utility of PET/MRI in Dental and Oral Diseases: Focus on Local Staging of Oral Cancer
(Department of Radiology, Kobe University Hospital / Biomedical Imaging Research Center, University of Fukui)
Munenobu Nogami
3. 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
4. Recent Advances and Clinical Applications of PET/CT 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**

Room 6

(Arcree HIMEJI 4F Large Conference Room 407)

JSNM Educational Lecture 01

8:30-9:30

FDG-PET/CT Diagnosis in Oncology

Chair : Kazuhiro Kitajima (Department of Radiology, Hyogo Medical University, Hyogo, Japan)

1. Oncologic FDG-PET: From Scanners and Tracers to Interpretation, Staging, and AI
(Department of Radiology, Kansai Medical University) **Yumiko Kono**
2. Practical Basics of Oncologic FDG-PET Interpretation and Reporting
(Department of Diagnostic Radiology, Kyoto University Hospital) **Sho Koyasu**

JSNM Educational Lecture 02

14:10-15:10

Radiopharmaceutical Therapy (RPT) for Prostate Cancer

Chair : Daiki Kayano (Department of Nuclear Medicine, Faculty of Medicine, Institute of Medical, Pharmaceutical and Health Sciences, Kanazawa University)

1. Reconsidering Radium-223 therapy in the Lu-PSMA era: Patient selection and strategy

(Department of Nuclear Medicine, Faculty of Medicine, Institute of Medical, Pharmaceutical and Health Sciences, Kanazawa University) **Norihito Akatani**

2. PSMA therapy

(Department of Nuclear Medicine, Hokkaido University Hospital / Department of Diagnostic Imaging, Faculty of Medicine, Hokkaido University) **Shiro Watanabe**

Keynote Lecture 02

Partially English

9:50-11:05

Oncology PET: Novel Radiotracers

Chair : Tomohiko Yamane (Department of Molecular Imaging Research, Kobe City Medical Center General Hospital)
Tadashi Watabe (Institute for Radiation Sciences, The University of Osaka / Department of Nuclear Medicine, the University of Osaka Hospital)

Novel PET-tracers for cancer imaging and beyond

(Department of Nuclear Medicine, University Hospital Düsseldorf, Heinrich Heine University, Düsseldorf, Germany)
Frederik L. Giesel

Room 9

(Arcree HIMEJI 4F Medium Conference Room 401+402+403)

The 45th Meeting of the Respiratory Imaging Seminar

8:30-10:30

【Session 1】

Chair : Yohji Matsusaka (Department of Nuclear Medicine, Saitama Medical University International Medical Center)

< Oral > (30 minutes)

1. Ventilation Scintigraphy: Global Trends and Japan's Status

(Department of Radiology, Kansai Medical University Hospital) **Kotaro Tokunaga**

2. SUV-based ^{99m}Tc-MAA lung perfusion SPECT/CT for risk stratification in PAH

(Department of Radiology, Graduate School of Medical and Dental Sciences, Kagoshima University)
Mitsuho Hirahara

3. Appropriate BPA for CTEPH Improves RVEF via lung perfusion scan

(Division of Cardiovascular Medicine, Department of Internal Medicine, Toho University Faculty of Medicine)
Takashi Oka

< Educational Lecture > (30 minutes)

Nuclear Medicine in Pulmonary Hypertension: Clinical Role of V/Q Scintigraphy

(Department of Cardiovascular Medicine, Kyorin University School of Medicine) **Takumi Inami**

【Session 2】

Chair : Jumpei Suyama (Department of Radiology, Kyorin University School of Medicine)
Yu Iwabuchi (Department of radiology, Keio University School of Medicine)

< Technical Lecture > (20 minutes)

Development and Clinical Implementation of Respiratory-Gated V/Q SPECT Protocol

(Office of Radiation Technology, Keio University Hospital / Graduate School of Human Health Sciences, Tokyo
Metropolitan University) **Yoshiki Owaki**

< Special Lecture > (40 minutes)

STDIBH pulmonary perfusion SPECT/CT: outcome in PTE, emphysema, and interstitial pneumonia

(Department of Radiology, Nippon Medical School, Tokyo, Japan) **Yoshimitsu Fukushima**

Room 10

(Arcree HIMEJI 1F Studio 1)

Keynote Lecture 03

Partially English

8:30-9:40

Cardiac amyloidosis 1

Chair : Keisuke Kiso (Department of Radiology, The University of Osaka Graduate School of Medicine)
Kenichi Nakajima (Department of Nuclear Medicine, Kanazawa University)

Advances in Noninvasive Diagnosis of ATTR-Cardiac Amyloidosis Using ^{99m}Tc-PYP Myocardial Scan: Experience from Taipei Veterans General Hospital

(Nuclear Medicine Department, Division of Positron Emission Tomography, Taipei Veterans General Hospital, Taiwan)
Lien-Hsin Hu

2nd day Friday Nov.20

Room 1

(Arcrea HIMEJI 2F Grand Hall)

Invited Lecture 01

14:30-15:30

Chair : Tomohiko Yamane (Department of Molecular Imaging Research, Kobe City Medical Center General Hospital)

The Way of Cardiac Nuclear Medicine: Advancing F-18 PET for Precision Molecular Imaging

(University Hospital of Würzburg, Germany / Okayama University) **Takahiro Higuchi**

Invited Lecture 02

English

15:50-16:50

Chair : Hayato Kaida (Department of Radiology, Kindai University Faculty of Medicine)

Recent Advances in PSMA Therapy

(Ludwig Maximilian University Munich, Germany) **Rudolf A. Werner**

Room 2

(Arcrea HIMEJI 2F Medium Hall)

Keynote Lecture 04

Partially English

8:30-9:30

Prostate Radionuclide Therapy 1

Chair : Tatsuya Higashi (Dept. of Molecular Imaging and Theranostics, Institute for Quantum Medical Science, QST)

Hiroshi Wakabayashi (Nuclear Medicine, Kanazawa University Hospital)

PSMA Theranostics in Prostate Cancer: Taiwan Experience and Future Perspectives

(Department of Nuclear Medicine, National Taiwan University Cancer Center, Taiwan) **Kelvin Ching-Chu Lu**

PET Nuclear Medicine Workshop 2026

9:40-11:40

Chair : Noboru Oriuchi (Advanced Clinical Research Center, Fukushima Medical University)

Ukihide Tateishi (Department of Diagnostic Radiology and Nuclear Medicine, Institute of Science Tokyo)

1. Regulatory perspectives on clinical development of radiopharmaceuticals
(Office of New Drug II, Pharmaceuticals and Medical Devices Agency (PMDA)) **Noriyuki Komiyama**
2. Guidelines for PET pharmaceuticals manufactured at other medical institutions
(Institute of Photonics Medicine, Hamamatsu University School of Medicine) **Yasuhiro Magata**
3. Adverse Events and Practical Considerations in Lu-177 Radioligand Therapy
(Department of Diagnostic Radiology and Nuclear Medicine, Institute of Science Tokyo) **Ukihide Tateishi**
4. Initiatives by the JRPA toward the advancement of nuclear medicine
(Japan Radiopharmaceuticals Association) **Hiroshi Katakura**

Room 4
(Arcrea HIMEJI 2F Small Hall)

Keynote Lecture 05

Partially English

8:30-9:30

Brain PET: Tau

Chair : Kenji Ishii (Team for Neuroimaging Research, Tokyo Metropolitan Institute for Geriatrics and Gerontology)
Kota Yokoyama (Diagnostic Radiology, Institute of Science Tokyo)

Integration of TAU PET into Clinical Practice

(Donald and Barbara Zucker School of Medicine at Hofstra/Northwell, Lenox Hill Hospital, USA)

Ana M. Franceschi

JSNC Joint Symposium

9:40-11:10

Next-Generation Nuclear Cardiology Pioneered by High-Performance SPECT/CT and PET/CT

Chair : Shu Kasama (Center for Clinical Research and Advanced Medicine, Shiga University of Medical Science)
Yoshimitsu Fukushima (Department of Radiology, Nippon Medical School)

1. Clinical potential of xSPECT cardiac and a novel multifocal collimator
(Department of Nuclear Medicine, Kanazawa University) **Satoru Watanabe**
2. The utility and potential in nuclear cardiology of total body digital SPECT/CT: VERITON-CT
(Department of Radiology, The University of Osaka Graduate School of Medicine) **Keisuke Kiso**
3. Prognostic Value of Novel Quantitative Parameters Derived from Myocardial PET
(Department of Cardiology, Tokyo Women's Medical University / Department of Diagnostic Imaging and Nuclear Medicine, Tokyo Women's Medical University) **Atsushi Yamamoto**

Room 5
(Arcrea HIMEJI 1F Main Studio)

JSNM Special Program 02

14:40-15:40

ANM Hour

Chair : Akira Toriihara (PET Imaging Center, Asahi General Hospital)
Ryogo Minamimoto (Department of Radiology, Nagoya University)

1. Introduction of Annals of Nuclear Medicine [ANM]
(Department of radiology, Nagoya University) **Ryogo Minamimoto**
2. Essential Mindsets for Authors and Reviewers, and Leveraging AI in the Peer Review Process
(Department of Management Science and Engineering, Faculty of System science and Technology, Akita Prefectural University) **Keisuke Matsubara**
3. Publishing Technical Research by Radiological Technologists: Writing, Review, and AI
(Department of Radiological Technology, Gunma Prefectural College of Health Sciences) **Hiromitsu Daisaki**
4. The Value of Peer-review by Clinicians and Early-Career Physicians
(PET Imaging Center, Asahi General Hospital) **Akira Toriihara**

Hisada Prize Winner's Lecture

15:50-16:50

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

Gold Award

Rikuto Kashiya (Graduate School of Pharmaceutical Sciences, Kyoto University)

Silver Award

Masao Watanabe (Department of Diagnostic Imaging and Nuclear Medicine, Kyoto University Hospital)

Bronze Award

Shoko Takano (Department of Radiation Oncology, Yokohama City University Graduate School of Medicine)

Room 6

(Arcree HIMEJI 4F Large Conference Room 407)

JSNM Educational Lecture 03

8:30-9:30

AI

Chair : Keisuke Matsubara (Department of Management Science and Engineering, Faculty of System science and Technology, Akita Prefectural University)

1. Making Research Easier and More Enjoyable: Using AI to Bring Ideas to Life

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

Ryo Yamakuni

2. Physicians as AI Educators: Strategic and Efficient Data Annotation

(Faculty of Biology-Oriented Science and Technology, Kindai University)

Mitsutaka Nemoto

JSNM Educational Lecture 04

9:40-10:40

Radiation Safety and Patient Safety

Chair : Hayato Kaida (Department of Radiology, Kindai University Faculty of Medicine)

Sustaining Radiation Therapy Safety Through Shared Concerns and Case Learning

(Patient Safety Management Division, Tokushukai Group Headquarters / Faculty of Medicine Kindai University, Kindai University Hospital / Yao Tokushukai General Hospital)

Yoichi Tatsumi

JSNM Educational Lecture 05

14:40-15:40

Drug Discovery and development

Chair : Hirofumi Hanaoka (Near InfraRed Photo-ImmunoTherapy Research Institute, Kansai Medical University)

1. Development of Radiotheranostic Probes for Cancer Diagnosis and Therapy

(Graduate School of Medicine, Dentistry, and Pharmaceutical Sciences, Okayama University)

Masashi Ueda

2. Development of PET/SPECT Tracers Targeting Brain Molecules

(Biomedical Imaging Research Center, University of Fukui)

Hiroyuki Watanabe

JSNM Educational Lecture 06

15:50-16:50

Amyloid PET

Chair : **Hiroki Kato** (Joint Research Chair of Advanced Radioisotope Medicine, The University of Osaka Graduate School of Medicine)

1. Amyloid PET: Established Applications and Remaining Challenges

(Department of Clinical and Experimental Neuroimaging, Center for Development of Advanced Medicine for Dementia, Research Institute, National Center for Geriatrics and Gerontology) **Yasuyuki Kimura**

2. Serial Amyloid PET for Evaluating Anti-Amyloid Therapy: Lecanemab vs Donanemab

(Fukujiji Hospital) **Tomomichi Iizuka**

Room 9

(Arcree HIMEJI 4F Medium Conference Room 402+403)

Keynote Lecture 06

Partially English

8:30-9:50

Instrumentation and Engineering

Chair : **Tensho Yamao** (Department of Radiological Sciences, School of Health Science, Fukushima Medical University)
Taiga Yamaya (Institute for Quantum Medical Science, National Institutes for Quantum Science and Technology)

Clinical and Research Applications of Total-Body PET: A UK Experience

(School of Biomedical Engineering and Imaging Sciences King's College London PET Centre, UK)
Giorgio Testanera

3rd day Saturday Nov.21

Room 2

(Arcrea HIMEJI 2F Medium Hall)

JSNM Symposium 03

9:00-11:30

Theranostics Symposium

Chair : Mikako Ogawa (Faculty of Pharmaceutical Sciences, Hokkaido University)

Tadashi Watabe (Institute for Radiation Sciences, The University of Osaka)

1. The Future of Theranostics Driven by Emerging Therapeutic Modalities

(Faculty of Pharmaceutical Sciences, Hokkaido University) **Mikako Ogawa**

2. Current status and future perspectives of PSMA-targeted radioligand therapy

(Department of Nuclear Medicine, National Center for Global Health and Medicine) **Masatoshi Hotta**

3. Research Examples of CAIX-Targeted Radiotheranostic Agents

(Division of Functional Imaging, Exploratory Oncology Research and Clinical Trial Center, National Cancer Center)

Anri Inaki

4. Recent Trends in Clinical Trials for Targeted Alpha Therapy

(Institute for Radiation Sciences, The University of Osaka) **Tadashi Watabe**

5. Theranostic Dosimetry: Advancing Targeted Radionuclide Therapy

(Department of Radiological Sciences, School of Health Sciences, Fukushima Medical University) **Kenta Miwa**

Room 6

(Arcrea HIMEJI 4F Large Conference Room 407)

Keynote Lecture 07

Partially English

9:40-10:40

Cardiovascular PET

Chair : Takashi Kudo (Department of Radioisotope Medicine, Atomic bomb disease institute, Nagasaki University)

Mitsuru Momose (Diagnostic Imaging and Nuclear Medicine, Tokyo Women's Medical University)

Molecular Imaging of Thrombotic Diseases with ¹⁸F-GP1 PET

(Department of Nuclear Medicine, Asan Medical Center, University of Ulsan College of Medicine, Korea)

Sangwon Han

JSNM Educational Lecture 07

8:30-9:30

Nuclear Cardiology

Chair : Yasuyo Taniguchi (Department of General Medicine, Department of Cardiology, Hyogo Prefectural Harima-Himeji General Medical Center)

1. CT Perfusion for Myocardial Blood Flow Assessment

(Department of Radiology, The University of Ehime) **Teruhito Kido**

2. Key Points and Pitfalls in Myocardial PET: Blood Flow Quantification and FDG Uptake

(Department of Radiology, National Cerebral and Cardiovascular Center) **Emi Tateishi**

Room 9

(Arcrea HIMEJI 4F Medium Conference Room 402+403)

Keynote Lecture 08

Partially English

10:20-11:40

Artificial Intelligence (AI) and Deep Learning 2

Chair : Kenji Hirata (Department of Diagnostic Imaging, Faculty of Medicine, Hokkaido University)
Mitsutaka Nemoto (Biology-Oriented Science and Technology, Kindai University)

Digital twin and AI for personalized radiopharmaceutical therapy

(Department of Nuclear Medicine, Inselspital, Bern University Hospital, University of Bern, Switzerland)

Kuangyu Shi

Room 11

(Arcrea HIMEJI 1F Studio 1)

Nuclear Medicine Nursing Forum

13:20-15:00

The Glorious Way of Nuclear Medicine Nursing: Present and Future Forged by Individual Experiences

Chair : Megumi Satake (Shonan Kamakura General Hospital)
Takako Harada (Kurashiki Central Hospital)

< Educational Lecture >

Role of Nuclear Medicine Nursing from a Radiologic Technologist's Perspective

(Department of Radiology, Shonan Kamakura General Hospital) **Takuya Yamazaki**

< Invited Session Presentation >

1. Multidisciplinary efforts to launch RI therapy and build a safe, smooth acceptance system

(Fukuoka University Hospital) **Yasuko Yamao**

2. Standardizing Nursing Practice and Multidisciplinary Collaboration in PET Examination

(Omi Medical Center) **Chika Kobayashi**

3. Association between self-rated gamma-ray exposure knowledge and anxiety in PET-CT nurses

(Department of Nursing, Kochi Medical School, Kochi University) **Yukika Nishii**

4. Pediatric Sedation Nursing for PET-CT Exams

(Juntendo University Hospital) **Mari Kitamura**

< JSNM Oral >

Radioactive contamination of belongings of hospitalized radioiodine therapy patients

(Advanced Clinical Research Center, Fukushima Medical University) **Mina Honda**

JCR Hour

8:30-10:00

Career Plans for Young Professionals in Nuclear Medicine: Messages for the Next Generation

Moderator : Kazuko Ohno (Department of Medical Technology, Kyoto University of Medical Science)
Koji Murakami (Department of Radiology, Tokyo Radiology Clinic)

1. My Autobiography as a Radiologist

(Department of Radiology, Hamamatsu University School of Medicine) **Satoshi Goshima**

2. See, Measure, Treat: The Appeal of Nuclear Medicine for the Next Generation

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

<Case Studies>

Jelena Levi (Stanford University, San Francisco, United States)

< Round table discussion : Career Paths for Nuclear Medicine Technologists >

Host : **Satoshi Goshima** (Department of Radiology, Hamamatsu University School of Medicine)
Kenji Hirata (Department of Diagnostic Imaging, Faculty of Medicine, Hokkaido University)

Discussant

Yurika Kitano (Department of Diagnostic Radiology, Hyogo Prefectural Amagasaki General Medical Center)
Yuri Manabe (Faculty of Medicine, Department of Radiology, Kagawa University)
Ryo Yamakuni (Department of Radiology and Nuclear Medicine, School of Medicine, Fukushima Medical University)

DE & I Committee Session

10:10-11:40

Enjoying Diverse Ways of Life

Chair : **Takayoshi Ishimori** (Diagnostic Radiology, Medical Research Institute Kitano Hospital, PIIF Tazuke Kofukai)
Kazuko Ohno (Department of Medical Technology, Kyoto University of Medical Science)

Part I Keynote Lecture

Navigating career and life-Reflections from a female researcher and occupational physician

(Department of Environmental Health, School of Medicine, University of Occupational and Environmental Health, Kitakyushu, Japan) **Mayumi Tsuji**

Part II Profession-Specific Group Work

“Strategies for Continuing to Work Enjoyably While”

facilitator

Mieko Ota (Department of Central Radiology Block, Gifu Prefectural General Medical Center)
Youj Koyanagi (Radiation Therapy/Chemotherapy Room, Nara Medical University Hospital)
Miho Shidahara (Graduate school of Engineering, University of Tohoku)
Kanae Miyake (Department of Advanced Medical Imaging Research, Graduate School of Medicine, Kyoto University)