

**The 59th Annual Scientific
Meeting of the Japanese
Society of Nuclear Medicine
Special Program**

1st day Friday Nov.1

Room 1

(Matsuyama Multi-Purpose Community Center 1F Camellia Hall)

JSNM Symposium 1

8:30-10:30

Basic medicine to clinical drug discovery process for the purpose of α -ray and β -ray therapy (from bench to bedside)

Chair : Yuji Kuge (Central Institute of Isotope Science, Hokkaido University)

Tatsuya Higashi (National Institute of Radiological Sciences/ QST)

1. Study for rational safety regulations of short-lived alpha particle emitters
(Institute for Radiation Sciences, Osaka University, Japan) **Takashi Yoshimura**
2. Development of radiolabeled compounds for radiotheranostics
(Institute for Frontier Science Initiative, Kanazawa University, Kanazawa, Japan) **Kazuma Ogawa**
3. Difference and similarity between photoimmuno therapy and radioimmuno therapy
(Laboratory of Bioanalysis and Molecular Imaging, Graduate School of Pharmaceutical Sciences, Hokkaido University)
Mikako Ogawa
4. Development of innovative cure for malignant brain tumor with a ^{64}Cu -ATSM
(Department of Diagnostic and Interventional Radiology, Kanagawa Cancer Center, Kanagawa, Japan)
Hiroaki Kurihara
5. Practice of Ra-223 treatment for prostate cancer
(Department of Urology and Renal Transplantation, Yokohama City University Medical Center, Yokohama, Japan)
Hiroji Uemura

JSNM Symposium 2

13:20-15:20

Diagnosis of myocardial ischemia by multi-modalities

Chair : Naoya Matsumoto (Division of Cardiology, Department of Medicine, Nihon University School of Medicine)

Kakuya Kitagawa (Department of Radiology, Mie University Hospital)

1. Diagnosis performance of FFRCT for detecting ischemic heart disease
(Department of Cardiology, Cardiovascular Center, Shin-Koga Hospital, Fukuoka, Japan) **Tomohiro Kawasaki**
2. Usefulness and feasibility of evaluating myocardial ischemia by myocardial SPECT
(Department of Cardiology, Sakakibara Heart Institute, Tokyo, Japan) **Nobuo Iguchi**
3. Evaluation of myocardial ischemia using cardiovascular magnetic resonance
(Department of Radiology, Mie University Hospital) **Masaki Ishida**
4. Myocardial CT perfusion imaging for coronary artery disease
(Department of Radiology, Ehime University Graduate School of Medicine, Ehime, Japan) **Yuki Tanabe**

JSNM Keynote Lecture

16:30-17:00

Chair : Yasuhito Sasaki (Shonan Kamakura General Hospital Affiliated Clinical Research Center, Research Center for Radiation Oncology, Kamakura-shi, Japan)

History and Topics of Nuclear Cardiology – comparison with CT and MR –

(Department of Radiology, Ehime University Graduate School of Medicine, Ehime, Japan) **Teruhito Mochizuki**

Room 2

(Matsuyama Multi-Purpose Community Center 3F Conference Room)

JSNM Special Program (Case conference of clinical nuclear medicine) 13:20-15:50

Let's use nuclear medicine ideas in case studies: facility opposition questions and answers. (using cases in which a nuclear medicine examination was the determinant of diagnosis).

*For case study photo image, please see the section of (P.105).

Chair : Yoshifumi Sugawara (National Hospital Organization Shikoku Cancer Center)

Takashi Koyama (Kurashiki Central Hospital)

Case 1

Question : Kazuyoshi Suga (Dept. of Radiology, St. Hill Hospital)

Answer : Shigeyasu Sugawara (Fukushima Medical University, Advanced Clinical Research Center)

Case 2

Question : Shigeki Nagamachi (Department of Radiology, Fukuoka University)

Answer : Masatoyo Nakajo (Department of Radiology, Graduate School of Medical and Dental Sciences, Kagoshima University)

Case 3

Question : Atsushi Yamamoto (Tokyo Women's Medical University Hospital, department of cardiology, and diagnostic imaging and nuclear medicine)

Answer : Masayuki Inubushi (Division of Nuclear Medicine, Department of Radiology, Kawasaki Medical School)

Case 4

Question : Kentaro Takanami (Department of Diagnostic Radiology, Tohoku University Hospital)

Answer : Jun Woo (Kitasato University of School of Medicine, Department of Diagnostic Radiology)

Case 5

Question : Yoshiyuki Kitamura (Department of Clinical Radiology, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan)

Answer : Nanako Ogawa (Department of Radiology, Okayama University Hospital)

Case 6

Question : Koya Nakatani (Department of Diagnostic Radiology, Kurashiki Central Hospital)

Answer : Noriko Tsuda (Kumamoto University Hospital)

Room 4

(Matsuyama Multi-Purpose Community Center 2F Meeting Room 4・5)

Nuclear Medicine Nursing Forum (Oral)

13:30-14:00

Chair : Natsuyo Masuda (Department of Nursing, Ehime University Hospital)
Masayo Mimoto (Kochi Health Sciences Center)

1. Nursing of patients who will go abroad after nuclear medicine examination
(Department of Nursing, Yotsuba Circulation Clinic, Matsuyama Heart Center, Ehime, Japan) **Aya Kashima**
2. I look back to a sudden change case in the iodine internal use treatment hospital room
(Ehime University Hospital, Ehime, Japan) **Kaori Murakami**

Nuclear Medicine Nursing Forum Panel Discussion

14:10-15:40

The idea by multi-sector collaboration improves the team power

Chair : Shiomi Ibaraki (St. Hill Hospital)
Takako Harada (Kurashiki Central Hospital)

1. Approach of PET-CT examination to work on in other occupation types
(Matsuyama Red Cross Hospital, Ehime, Japan) **Miki Nomoto**
2. Explanation of ^{18}F -FDG PET-CT by many types of occupation
(Ehime University Hospital, Ehime, Japan) **Chiyomi Takasuka**
3. Team Nuclear Medicine of Tokushima University Hospital
(Nursing Department, Tokushima University Hospital, Tokushima, Japan) **Yukie Kageishi**
4. Multidisciplinary Collaboration in Nuclear Medicine Study of Children
(Kagawa University Hospital-Nursing Department, Kagawa, Japan) **Kaoru Kagawa**

Room 7

(Matsuyama Multi-Purpose Community Center Children's Hall 2F Cosmo Theater)

Nuclear Medicine Educational Lecture 1

8:30-9:30

Chair : Teisuke Hashimoto (Department of Radiology, Dokkyo University School of Medicine)

Pediatric nuclear medicine examination with high clinical impact and low dosimetry
(Department of Radiology, The Jikei University School of Medicine, Tokyo, Japan) **Mayuki Uchiyama**

Nuclear Medicine Educational Lecture 2

9:40-10:40

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

Neuronuclear SPECT imaging in dementia
(Integrative Brain Imaging Center, National Center of Neurology and Psychiatry, Tokyo, Japan) **Hiroshi Matsuda**

Nuclear Medicine Educational Lecture 3

13:20-14:20

Chair : Katsuhiko Kato (Department of Radiological and Medical Laboratory Sciences, Nagoya University Graduate School of Medicine, Nagoya, Japan)

Current status of radionuclide therapy for thyroid disease

(Department of Nuclear Medicine, Kanazawa University Hospital) **Daiki Kayano**

Nuclear Medicine Educational Lecture 4

14:30-15:30

Chair : Jun Hatazawa (Research Center for Nuclear Physics, Osaka University)

Work-life balance of the physician

(Medical Professions Division, Health Policy Bureau, Ministry of Health, Labour and Welfare) **Takeshi Sasaki**

Nuclear Medicine Educational Lecture 5

15:40-16:40

Chair : Yuka Yamamoto (Department of Radiology, Kagawa University, Kagawa, Japan)

Use of DWIBS as a complement of FDG-PET for the evaluation of therapeutic response

(Department of Biomedical Engineering, Tokai University School of Engineering) **Taro Takahara**

Room 10

(Matsuyama Multi-Purpose Community Center Event Hall 2F)

JSNM Working Groups Reporting Session

8:30-9:50

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

1. Working group for PET/MRI scan protocol and quantitative evaluation
(Biomedical Imaging Research Center, University of Fukui, Fukui, Japan) **Hidehiko Okazawa**
2. Clinical assessment of the statistical images using common normal database with CTAC
(Department of Radiology, Fujita Health University School of Medicine, Toyoake, Japan) **Yoshitaka Inui**
3. Studies on phantom test procedures and criteria for standard FDG-PET imaging
(Department of Nuclear Medicine, Cancer Institute Hospital, Tokyo, Japan) **Naoki Shimada**
4. Revision of the "Gamut of FDG-PET"
(Radioisotope Center, Tenri Hospital, Tenri, Nara, Japan) **Takashi Misaki**

JSNM Symposium 3

10:00-11:30

Development support and standardization of stand-alone medical devices software; current status and a path to the medical insurance coverage

Chair : Hidehiro Iida (Turku PET Centre, Turku University Hospital and Faculty of Biomedicine, University of Turku, Finland/ National Cerebral and Cardiovascular Center, Osaka, Japan)

Kazunari Ishii (Kindai University Faculty of Medicine)

1. Medical software authorization system - Current status and future
(Turku PET Centre, Turku University Hospital and Faculty of Biomedicine, University of Turku, Finland/
National Cerebral and Cardiovascular Center, Osaka, Japan) **Hidehiro Iida**
2. Government-Academia-Industry Collaboration for Medical Innovation
(National Cerebral & Cardiovascular Center) **Yoshiyuki Taenaka**
3. The reimbursement system of medical devices
(Ministry of Health, Labour and Welfare) **Kei Tamura**
4. How to accelerate a standalone software development -from company perspective-
(GE Healthcare Japan, Tokyo, Japan) **Masanori Otake**
5. Activities toward acquiring Health Care Insurance fee of medical software program
(Department of Diagnostic imaging, Hokkaido University, Sapporo, Japan) **Tohru Shiga**

2nd day Saturday Nov.2

Room 2

(Matsuyama Multi-Purpose Community Center 3F Conference Room)

JSNM Symposium 4

8:30-10:30

Toward practical use of "quantitative evaluation" for myocardial blood flow and myocardial flow reserve

Chair : Takahiro Higuchi (University of Wuerzburg, Department Comprehensive Heart Failure Center, Germany)

Masao Miyagawa (Department of Radiology, Ehime University Graduate School of Medicine)

1. Keynote Lecture : Flurpiridaz F-18 PET myocardial perfusion imaging: looking back a decade and looking into the future
(Technische Universität München, Germany) **Stephan G. Nekolla**
2. Quantitative myocardial perfusion analysis using dedicated semi-conductor SPECT camera
(Department of Radiology, Nippon Medical School, Tokyo, Japan) **Tomonari Kiriyama**
3. Prognostic value and possible therapeutic target of myocardial flow reserve
(Department of Cardiology, Nagoya Kyoritsu Hospital, Nagoya, Japan) **Satoru Ohshima**
4. PET-derived relative flow reserve for the assessment of significant CAD
(Department of Radiology, Ehime University Graduate School of Medicine, Toon, Japan) **Naoto Kawaguchi**
5. Myocardial perfusion PET to assess cardiovascular event
(Department of Cardiovascular Medicine, Hokkaido University, Sapporo, Japan) **Masanao Naya**

JSNM-JSNC Joint Symposium

13:20-14:50

For accurate assessment of functional ischemia -from the clinical aspect-

Chair : Yasuchika Takeishi (Department of Cardiovascular Medicine, Fukushima Medical University)

Jun Hashimoto (Department of Radiology, Tokai University School of Medicine)

1. Impact of myocardial-ischemia-based coronary revascularization
(Department of Cardiology, Sakakibara Heart Institute, Fuchu, Japan) **Mamoru Nanasato**
2. How to become aware of artifacts and avoid them
(Department of Cardiology, Uonumakikan Hospital, Niigata University, Niigata, Japan) **Tokuo Kasai**
3. Is diagnosis of myocardial ischemia with AI sufficient in pre-image interpretation?
(Physics, Kanazawa Medical University, Kahoku, Japan) **Koichi Okuda**
4. How to Report Reading Results of SPECT Myocardial Perfusion Imaging
(Department of Cardiology, Nihon University School of Medicine, Tokyo, Japan) **Shunichi Yoda**

JSNM Symposium 5

15:00-17:00

What we need to know before starting clinical Amyloid PET imaging

Chair : Kazunari Ishii (Kindai University Faculty of Medicine)

Toshimitsu Momose (International University of Health and Welfare
School of Medicine)

1. Keynote Lecture : What we need to know before starting clinical Amyloid PET imaging

(Department of Nuclear Medicine, University of Cologne, Germany) **Alexander Drzezga**

2. Amyloid PET using [C-11]PiB

(Department of Radiology, National Center for Geriatrics and Gerontology) **Takashi Kato**

3. Amyloid PET with F-18 labeled Florbetapir, Flutemetamol, and Florbetaben

(Neuroimaging Research, Tokyo Metropolitan Institute of Gerontology) **Kenji Ishii**

4. Could next generation amyloid ligands become de facto standards?

(Department of Functional Brain Imaging Research, National Institute of Radiological Sciences, National Institutes
for Quantum and Radiological Science and Technology) **Hitoshi Shimada**

5. Plasma biomarker for cerebral amyloid deposition using mass spectrometry

(Koichi Tanaka Mass Spectrometry Research Laboratory, Shimadzu Corporation, Kyoto, Japan) **Naoki Kaneko**

Room 3

(Matsuyama Multi-Purpose Community Center 2F Meeting Room 1 · 2)

**JSNM Asian Research Encouragement Prize Winner's Lecture;
Returnee Encouragement Prize Winner's Lecture 8:30-10:30**

Chair : Teruhito Mochizuki (Department of Radiology, Ehime University Graduate School of Medicine, Ehime, Japan)

Masayuki Sasaki (Department of Medical Quantum Science, Kyushu University)

Hisada Prize Winner's Lecture

10:30-11:00

Chair : Seigo Kinuya (Kanazawa University)

**Work Meeting of the Japan-China Association for Nuclear
Medicine Intercommunion 13:20-13:50**

Room 4

(Matsuyama Multi-Purpose Community Center 2F Meeting Room 4 · 5)

Asia and Oceania Nuclear Medicine Symposium 9:30-11:30

Chair : Jun Hatazawa (Research Center for Nuclear Physics, Osaka University)

1. Current Status of Nuclear Medicine in China
(Department of Nuclear Medicine, The First Hospital of China Medical University, China) **Yaming Li**
2. Current Status of Nuclear Medicine in India
(Secretary General, Asia Oceania federation of Nuclear Medicine & Biology Vice-Dean (South Asia), Asian School of Nuclear Medicine/
Ex-President, Society of Nuclear Medicine India/Ex-Professor, Department of Nuclear Medicine & PET/
All India Institute of Medical Sciences, India) **G.P. Bandopadhyaya**
3. Current Status of Nuclear Medicine in Korea
(President, Korean Society of Nuclear Medicine Department of Nuclear Medicine) **Kyung Han Lee**
4. Current Status of Nuclear Medicine in the Philippines
(President of the Philippine Society of Nuclear Medicine, Philippines) **Wenceslao S. Llauderer**
5. Current Status of Nuclear Medicine in Thailand
(President of Nuclear Medicine Society of Thailand, Thailand) **Yuthana Saengsuda**
6. Current Status of Nuclear Medicine in Taiwan
(Society of Nuclear Medicine, Taiwan) **Ruoh-Fang Yen**

The 12th Japan-China Nuclear Medicine Exchange Seminar 13:50-15:20

Medical Safety and Artificial Intelligence (AI)

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

1. Palladium(II)-mediated rapid ^{11}C -cyanation of (hetero)arylborons and (hetero)arylstannanes
(RIKEN Center for Biosystems Dynamics Research (BDR), Kobe, Japan) **Zhouen Zhang**
2. Effects of humanized nursing care on juvenile patients receiving treatment for ^{131}I differentiated thyroid cancer
(Department of Nuclear Medicine, Tianjin Medical University General Hospital, China) **Zhaonan Wang**
3. Dose evaluation and measures to reduce nurses exposure during FDG-PET examination
(Fujita Health University Hospital, Toyoake, Aichi, Japan) **Mizuho Tanahashi**
4. Application of List-mode Data-driven Respiratory Gating in PET/CT Imaging
(Nanjing Medical University, Nanjing Hospital, China) **Qingle Meng**
5. Ability of artificial intelligence to diagnose coronary artery disease using hybrid images
(Department of Radiological Technology, Kanazawa University Hospital, Kanazawa, Japan) **Hiroto Yoneyama**

6. Current Situation and Development of China Internet Hospital

(Department of Nuclear Medicine, Shanghai General Hospital, Shanghai Jiaotong University School of Medicine, Shanghai, People's Republic of China) **Taisong Wang**

7. Use of AI to prevent patient misidentification and other adverse incidents

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

JSNM Sponsored Symposium

15:30-17:00

Current Status and Future of Dedicated Breast PET

Chair : Yaming Li (Department of Nuclear Medicine, The First Hospital of China Medical University, China)

Yuji Nakamoto (Department of Diagnostic Radiology, Kyoto University Hospital)

1. Revision of Japanese clinical practice guideline for dedicated breast PET (General remarks)

(Department of Radiology, Dokkyo Medical University Hospital, Tochigi, Japan) **Kazunori Kubota**

(Details)

(Yamanashi PET Imaging Clinic, Yamanashi, Japan) **Yoko Satoh**

2. Advantages of PEM in the Diagnosis of Breast Cancer

(Tianjin Medical University Cancer Institute and Hospital, Tianjin, China) **Wengui Xu**

Representative Presenter:

(Cancer Center, Sun Yat-sen University, Guangzhou, China) **Wei Fan**

3. Usefulness of dedicated breast PET in determining surgical strategy

(Department of Breast Surgery, Hiroshima University Hospital, Hiroshima, Japan) **Satoshi Sueoka**

4. The role of a dedicated breast PET (MAMMI PET) in patients treated with neoadjuvant chemotherapy for locally advanced breast cancers: better than other parameters or not

(Department of Nuclear Medicine, Fudan University Shanghai Cancer Center, Shanghai, China) **Lingling Pan**

Sponsored by Japan-China Nuclear Medicine Exchange Program / Shimadzu Corporation / Chartwell Healthcare Corporation

Room 5

(Matsuyama Multi-Purpose Community Center 2F Meeting Room 6・7)

The 8th Nadeshiko Event

15:00-17:00

Chair : Mayuki Uchiyama (Department of Radiology, The Jikei University School of Medicine)

Dermatologist working in a hospital

(Department of Dermatology, National Hospital Organization Shikoku Cancer Center) **Mikiko Tohyama**

Room 7

(Matsuyama Multi-Purpose Community Center Children's Hall 2F Cosmo Theater)

Nuclear Medicine Educational Lecture 6

9:30-10:30

Chair : Shozo Furumoto (Cyclotron and Radioisotope Center (CYRIC), Tohoku University)

Gene expression imaging using NIS reporter gene

(Division of Nuclear Medicine, Department of Radiology, Kawasaki Medical School, Kurashiki, Japan)

Masayuki Inubushi

Nuclear Medicine Educational Lecture 7

10:40-11:40

Chair : Ryuichi Nishii (National Institute of Radiological Sciences (NIRS), QST)

Diagnostic imaging and treatment for neuroendocrine tumors

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

Yuji Nakamoto

Nuclear Medicine Educational Lecture 8

15:00-16:00

Chair : Sadahiko Nishizawa (Hamamatsu PET Shindan Center)

Cancer screening using with silicon photomultiplier PET/CT

(Atsuchi Memorial Clinic PET Center, Kagoshima, Japan) **Seishi Jinnouchi**

3rd day Sunday Nov.3

Room 1

(Matsuyama Multi-Purpose Community Center 1F Camellia Hall)

JSNM Symposium 6

9:40-11:40

Theranostics: an update version 2019

Chair : Seigo Kinuya (Kanazawa University)

Makoto Hosono (Kindai University Faculty of Medicine)

1. Keynote Lecture : Theranostics: an update version 2019
(University of California, San Francisco, USA) **Thomas A. Hope**
2. Challenges on domestic production of medical isotope
(Japan Foundation of Medical Isotope Development, General Incorporated Association) **Takeo Morooka**
3. Theranostic Radiopharmaceuticals: The Time Has Come
(Telix Pharmaceuticals Japan K.K.) **Shintaro Nishimura**
4. Peptide receptor targeted research for theranostics
(RI Research Department, FUJIFILM Toyama Chemical Co., Ltd., Chiba, Japan) **Hiroshi Kato**
5. Challenges of Nihon Medi-Physics to Achieve Realization of Theranostics
(Research and Business Development, Nihon Medi-Physics Co., Ltd., Tokyo, Japan) **Tadashi Hatano**

Room 2

(Matsuyama Multi-Purpose Community Center 3F Conference Room)

JSNM Symposium 7

8:30-10:30

Efforts to introduce AI toward medical practice; from the standpoint of diagnostic imaging specialists, informatics scientists, and government

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

Atsutaka Okizaki (Department of Radiology, Asahikawa Medical University)

1. AI in diagnostic imaging
(Department of Radiology, Keio University School of Medicine, Tokyo, Japan) **Masahiro Hashimoto**
2. How can AI support medical doctors?
(Department of Information and Communication Engineering, The University of Tokyo, Tokyo, Japan)
Toshihiko Yamasaki
3. Promotion of utilization of AI in the field of health and medical care
(Ministry of Health, Labour and Welfare, Tokyo, Japan) **Haruko Miyake**

Room 7

(Matsuyama Multi-Purpose Community Center Children's Hall 2F Cosmo Theater)

Nuclear Medicine Educational Lecture 9

8:30-9:30

Chair : Shigeki Nagamachi (Department of Radiology, Fukuoka University Hospital)

Diagnosing large vessel vasculitis with PET

(Department of Radiology, Tokai University School of Medicine, Isehara, Japan) **Jun Hashimoto**

Nuclear Medicine Educational Lecture 10

9:40-10:40

Chair : Taishiro Chikamori (Department of Cardiology, Tokyo Medical University)

Cardiac Sarcoidosis

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

Room 10

(Matsuyama Multi-Purpose Community Center Event Hall 2F)

PET Nuclear Medicine Workshop

8:30-10:30

Chair : Kengo Ito (National Center for Geriatrics and Gerontology)
Makoto Hosono (Kindai University Faculty of Medicine)

1. Tendency of PET/CT cancer screening testees in Kochi
(Department of Radiology, Kochi Medical School, Kochi University, Kochi, Japan) **Hitomi Iwasa**
2. The importance of medical inter-professional cooperation in the clinical PET practice
(Department of Radiology, Tokushima University Hospital, Tokushima, Japan) **Yoichi Otomi**
3. Clinical practice for ^{15}O labeled gas PET examination at Kagawa University
(Department of Radiology, Faculty of Medicine, Kagawa University, Kagawa, Japan) **Katsuya Mitamura**
4. Clinical PET in Shikoku Cancer Center – current status and problem –
(Department of Diagnostic Radiology, National Hospital Organization Shikoku Cancer Center, Ehime, Japan)
Kohei Hosokawa

Room 4

(Matsuyama Multi-Purpose Community Center 2F Meeting Room 4 · 5)

The 20th meeting of the Japanese Council of Nuclear Neuroimaging

13:30-15:30

For the Development of Nuclear Neuroimaging

Chair : Kazunari Ishii (Department of Radiology, Kindai University)

Educational lecture 1.

How to interpret brain perfusion images of dementia

(Department of Radiology, Fujita Health University) **Yoshitaka Inui**

Educational lecture 2.

How to interpret brain images of epilepsy

(Department of Neurosurgery, Tokyo Medical and Dental University) **Motoki Inaji**

Special lecture.

Nuclear Neuroimaging in Japan: The past, present, and future

(Research Center for Nuclear Physics, Osaka University) **Jun Hatazawa**

Supported by Cognitive Impairment Symposium

Room 5

(Matsuyama Multi-Purpose Community Center 2F Meeting Room 6・7)

The 56th Meeting of the Japanese Society of Nuclear Medicine in Oncology and Immunology /The 38th Meeting of the Respiratory Imaging Seminar 13:30-15:30

The 56th Meeting of the Japanese Society of Nuclear Medicine in Oncology and Immunology

Chair : Mana Yoshimura (Department of Radiology, Tokyo Medical University)

Whole-body diffusion-weighted MRI and FDG-PET/CT in multiple myeloma

(Department of Diagnostic Radiology, Hiroshima University Hospital) **Miyuki Takasu**

The 38th Meeting of the Respiratory Imaging Seminar

Chair : Jumpei Suyama (Department of Radiology, Kyorin University Faculty of Medicine)

Various pulmonary diseases causing decreased lung attenuation on chest CT:

The importance of nuclear medicine imaging based on CT findings

(Department of Radiology, University of the Ryukyus Hospital) **Tsuneeo Yamashiro**

Room 7

(Matsuyama Multi-Purpose Community Center Children's Hall 2F Cosmo Theater)

Oral and Maxillofacial Nuclear Medicine Forum 13:30-15:30

Chair : Tohru Kurabayashi (Tokyo Medical and Dental University)

Shin Nakamura (Tokyo Medical and Dental University)

1. PET for head and neck cancer: primary tumor

(Department of Radiology, Kagawa University, Kagawa, Japan) **Yuka Yamamoto**

2. Evaluation of lymph node metastases of head and neck cancer

(Department of Radiology Faculty of Medicine, Kagawa University, Kagawa, Japan) **Fumitoshi Aga**

3. Bone metabolism in response to anti resorptive agent: Quantitative analyses

(Department of Oral and Maxillofacial Surgery, Faculty of Medicine, Kagawa University, Kagawa, Japan)

Yumiko Ohbayashi