

**第12回アジア・オセアニア  
核医学会学術会議  
特別企画プログラム**



## AOCNMB Invited Lectures

### Invited Lecture 1 Thursday Oct.5 8:30-9:30, Room 2

Chair : 玉木 長良 (京都府立医科大学 放射線医学)

Quality in Nuclear Medicine: The Comprehensive SNMMI Approach

(President of SNMMI, Medical College of Georgia, USA) **Bennett Greenspan**

### Invited Lecture 2 Thursday Oct.5 10:30-11:30, Room 4

Chair : 遠藤 啓吾 (京都医療科学大学)

Nuclear and Molecular Imaging in the Era of Personalized Medicine

(University of California at Irvine in USA/ Seoul National University in Korea) **Edmund Kim**

### Invited Lecture 3 Thursday Oct.5 13:30-14:30, Room 4

Chair : 千田 道雄 (先端医療センター)

Initiatives to Increase the Availability of Radiopharmaceuticals Through the Clinical Trials Network (CTN)

(University of Alabama at Birmingham, USA) **Jonathan McConathy**

### Invited Lecture 4 Friday Oct.6 9:30-10:30, Room 2

Chair : 外山 宏 (藤田保健衛生大学 放射線医学)

Perspectives of Immuno-PET in Personalised Medicine

(EANM President, University Hospital Brussels, Belgium) **Kristoff Muylle**

### Invited Lecture Friday Oct.6 10:30-11:30, Room 2

Chair : 岡村 信行 (東北医科薬科大学 薬理学)

Non-invasive imaging of proteinopathies in the brain

(Dept of Molecular Imaging & Therapy, Austin Health, Australia) **Victor Luis Villemagne**

### Invited Lecture 5 Friday Oct.6 8:30-9:30, Room 3

Chair : Henry Bom (Chonnam National University Hwasun Hospital, Korea)

What it was like to hit upon the 'Theranostics' Paradigm: A Personal Journey at Brookhaven National Laboratory

(President of WARMTH, Brookhaven National Laboratory, USA) **Suresh C. Srivastava**

### Invited Lecture 6 Friday Oct.6 9:30-10:30, Room 3

Chair : Wen-Shen Huang (Taipei Veterans General Hospital, Taiwan)

Optical imaging emerging roles in nuclear medicine HOOKING UP WITH INFLAMMATION

(Vyripharm Biopharmaceuticals, LLC, USA) **Hector Martinez-Valdez**

## Invited Lecture 7

Friday Oct.6 13:30-14:30, Room 2

Chair : 伊藤 健吾 (国立長寿医療研究センター)

Future Leaders in Nuclear Medicine and Molecular Imaging

(SNMMI President-Elect, University of Utah, USA) Satoshi Minoshima

## Invited Lecture 8

Friday Oct.6 14:30-15:30, Room 2

Chair : 上村 博司 (横浜市立大学附属市民総合医療センター 泌尿器・腎移植科)

The Power of Precision Medicine: PSMA Radioligand Therapy (PRLT) of End-stage Prostate Cancer Patients Selected by PSMA PET/CT

(Zentralklinik Bad Berka, Germany) Richard P. Baum

## AOCNMB Symposia

### AOCNMB Symposium 1

Thursday Oct.5 15:30-17:00, Room 2

Molecular imaging

Chair : 蓑島 聡 (ユタ大学 放射線科)

1. Imaging of Cell-Based Therapies

(Molecular Imaging Program, National Cancer Institute, National Institutes of Health, USA) 佐藤 則子

2. Development of PET probes and anti-cancer drugs targeting a cancer-specific amino acid transporter, LAT1.

(大阪大学大学院医学系研究科 生体システム薬理学) 永森 收志

3. Novel PET probe to visualize AMPA receptors in living human brain

(横浜市立大学大学院・医学研究科 生理学) 高橋 琢哉

### AOCNMB Symposium 2

Friday Oct.6 13:30-15:30, Room 1

Fukushima 2011 --- What we learned from the Nuclear Power Plant Accident ?

Chair : 東 達也 (放射線医学総合研究所)

大野 和子 (京都医療科学大学 放射線技術学科)

1. Impact of radiation emergencies on people - lessons learned from the Fukushima Daiichi Nuclear Power Plant Accident

(広島大学、福島県立医科大学) 神谷 研二

2. Low Dose Radiation Effects on Fetus and Children

(量子科学技術研究開発機構) 島田 義也

3. <sup>131</sup>I Thyroid Dose Estimation from Food and Drink in the Early Phase after Fukushima Daiichi Nuclear Power Plant Accident

(株式会社三菱総合研究所 原子力安全事業本部 廃炉推進グループ) 河合 理城

4. Estimation of thyroid equivalent dose at 1-year-old children by inhalation based on body surface contamination levels after the Fukushima Daiichi nuclear power plant accident

(福島県立医科大学) 大葉 隆

5. Special comment

(クイーンズ大学ベルファストがん細胞生物学研究センター) 福永 久典

### AOCNMB Symposium 3 Saturday Oct.7 8:00-10:00, Room 2

Global standardization and regulatory approval of imaging products, initiated by QIBA(Quantitative Imaging Biomarker Alliance) and the professional societies

Chair : 立石宇貴秀 (東京医科歯科大学 放射線科)  
栗原千絵子 (放射線医学総合研究所)

1. Global standardization and regulatory approval of imaging products, initiated by QIBA and the professional societies: introductory remarks  
(放射線医学総合研究所) 栗原千絵子
2. Quantitative Imaging Biomarker Alliance (QIBA): Overview and Emphasis on Nuclear Medicine Based Approaches.  
(Washington University School of Medicine in St Louis, USA) Richard L. Wahl
3. PET drug manufacturing and imaging site qualification programs in Japan  
(放射線医学総合研究所) 脇 厚生
4. Activity of Quantitative Imaging Biomarkers Alliance (QIBA®) for Asian Network of FDG PET/CT Standardization  
(東京医科歯科大学 放射線科) 立石宇貴秀

### AOCNMB Symposium 4 Saturday Oct.7 10:00-12:00, Room 2

How to write scientific articles

Chair : 絹谷 清剛 (金沢大学 核医学)  
S.Rasoul Zakavi (Mashhad University of Medical Science)

1. How to prepare an original article  
(Nuclear Medicine Research Center, Mashhad University of Medical Sciences, Iran) Seyed Rasoul Zakavi
2. How to find an appropriate journal for submission  
(Nuclear Medicine Research Center, Mashhad University of Medical Sciences, Iran) Ramin Sadeghi
3. Authorship and ethics  
(金沢大学医薬保健研究域医学系 核医学) 絹谷 清剛

## AOFNMB-ICRP Symposium

Thursday Oct.5 13:30-15:30, Room 2

### Radiological Protection in Nuclear Medicine across Asia-Oceania and the Globe

Chair : 織内 昇 (福島県立医科大学 先端臨床研究センター)  
細野 眞 (近畿大学 高度先端医療センター)

1. Trends and Update in Radiological Protection in Medicine  
(量子科学技術研究開発機構) 米倉 義晴
2. Radiological protection in therapy with radiopharmaceuticals  
(Medical Radiation Physics Malmö, Lund University, Sweden) Soren Mattsson
3. Education and training for radiation protection in nuclear medicine.  
(Chonnam National University Hwasun Hospital, Korea) Henry Bom
4. Regulatory considerations in Theranostics  
(大阪大学大学院医学系研究科 核医学講座) 渡部 直史
5. Treatment planning and future directions for molecular radiotherapy  
(Department of Physics, Royal Marsden Hospital & Institute of Cancer Research, UK) Flux Glenn

## Sponsored Symposium

### Sponsored Symposium 1 Thursday Oct.5 15:30-17:30, Room 3

Chair : 中島 康雄 (聖マリアンナ医科大学 放射線医学)

1. Eyes To Thighs FDG PET/CT: What Are We Missing and Does It Matter?  
(Saint Louis University, USA) Medhat M Osman
  2. From PET/CT to PET/MR: some alternative facts for precision medicine  
(Department of Diagnostic Radiology, National University of Singapore, Singapore) David Townsend
- Sponsor : Lucerno Dynamics LLC

### Sponsored Symposium 2 Friday Oct.6 15:30-17:30, Room 2

Chair : 細野 眞 (近畿大学 高度先端医療センター)

1. Quantitative analysis using artificial intelligence in the evaluation of bone metastases  
(聖マリアンナ医科大学 放射線医学) 中島 康雄
  2. Clinical value of bone scan index for prostate cancer diagnosis and treatment  
(横浜市立大学附属市民総合医療センター 泌尿器・腎移植科) 三好 康秀
  3. Automated Bone Scan Index (aBSI) – a validated prognostic imaging biomarker for assessment of bone metastases in patients with metastatic prostate cancer  
(Sahlgrenska University Hospital, Sweden) Lars Edenbrandt
- Sponsor : FUJIFILM RI Pharma Co., Ltd.

## AOCNMB Program

### eZIS Asia Seminar

Thursday Oct.5 15:30-17:30, Room 7

#### Application of eZIS to brain SPECT/PET in neuropsychiatric diseases

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

松田 博史 (国立精神・神経医療研究センター 脳病態統合イメージングセンター)

1. Role of brain SPECT/PET in dementia clinics and research  
(National Cheng Kung University, Taiwan) **Ming-Chyi Pai**
2. Development of eZIS and how to use it  
(国立精神・神経医療研究センター 脳病態統合イメージングセンター) **松田 博史**
3. eZIS application to  $^{99m}\text{Tc}$ -ECD SPECT in Taiwan  
(Chang Bing Show Chwan Memorial Hospital, Taiwan) **Guang-Wei Hung**
4. eZIS application to Tc-99m ECD SPECT in Thailand  
(Department of Radiology, Chulalongkorn University, Thailand) **Supatporn Tepmongkol**
5. Brain glucose metabolism database established by eZIS and clinical application : a  $^{18}\text{F}$ -FDG PET study  
(PET center, Huashan Hospital, Fudan University, China) **Huiwei Zhang**

### ANMB exam announcement of results

Thursday Oct.5 13:00-13:30, Room 7

### AOFNMB National Delegates Assembly

Thursday Oct.5 17:30-18:10, Room 7

### ANMB Examinees' Poster Presentation 1 (Walking)

Thursday Oct.5 14:00-15:30, Posters

1. Bevacizumab radioimmunotherapy (RIT) in triple-negative breast cancer (TNBC) xenograft  
(Department of Diagnostic Radiology and Nuclear Medicine, Gunma University) **Ryan Yudistiro**
2. The Value of  $^{99m}\text{Tc}$  MAG3 Renal Scintigraphy in Patients Undergoing PSMA Radioligand Therapy  
(St. Luke's Medical Center, Taguig City, Philippines) **Patricia Amado Bautista**
3. Residual Radioactivity in Patients with Well-Differentiated Thyroid Cancer Receiving High Dose I-131 Therapy  
(Division of Nuclear Medicine, Siriraj Hospital, Mahidol University, Thailand)  
**Tanyaluck Thientunyakit**
4. Epilepsy Surgery Based On Perfusion SPECT in Drug – Resistant Non-Lesional Epilepsy  
(Department of Nuclear Medicine and PETCT, Amrita Institute of Medical Sciences, India)  
**Sunny Jagadishchandra Gandhi**

5. Clinical and Histopathological Characteristics of Differentiated Thyroid Carcinoma among Paediatric Population and its Treatment Outcome  
(Nuclear Medicine Department, Hospital Kuala Lumpur, Malaysia) **Khor Phay Phay**
6. Role of Positron Emission Tomography with Computed Tomography using F-18 Fludeoxyglucose in detection of Carcinoma of Unknown Primary in Malaysia.  
(Department of Nuclear Medicine, National Cancer Institute, Malaysia.) **Nursazlinda Binti Samsudin**
7. NKTl Experience: First Government Hospital in the Philippines with PET/CT and Cyclotron  
(National Kidney and Transplant Institute, Philippines) **Jamilla Cecilia Llanes Gomez**
8. Ventilation/perfusion SPECT-CT or perfusion-only SPECT-CT in the diagnosis of pulmonary embolism  
(Universiti Kebangsaan Malaysia Medical Centre, Malaysia.) **Thanuja Mahaletchumy**
9. Pivotal role of F<sup>18</sup> FDG PET CT in evaluating pyrexia of unknown origin in Indian population  
(Apollo Hospitals, Chennai, India) **Jaykanth Amalachandran**
10. FDG PET-CT in Pyrexia of Unknown Origin in Adult Solid Organ Transplant Recipients.  
(Department of Nuclear Medicine & PET-CT, Apollo Hospitals, Chennai, India)  
**Avanikumari Surendrakumar Jain**
11. Association Between Glomerular Filtration Rate Determined by Technetium-99m Dtpa Gamma Camera Method and Renalartery Resistive Index in Patients with Type 2 Diabetes Mellitus  
(Department of Nuclear Medicine, Yangon General Hospital, Myanmar) **Chaw Hsu Win**
12. Outcome of Radioiodine Therapy for Differentiated Thyroid Carcinoma in Hospital Kuala Lumpur.  
(Department of Nuclear Medicine, Hospital Kuala Lumpur, Malaysia.) **Wong Teck Huat**
13. Experience of Hepato-biliary Scintigraphy in the management of prolonged neonatal jaundice at a newly set-up Nuclear Medicine Department in Yangon, MYANMAR  
(Department of Nuclear Medicine, North Okkalapa General hospital, Yangon, Myanmar) **Khin Pa Pa Myo**
14. A Study Of An Outcome Of Normal Myocardium Study  
(Advanced Medical and Dental Institute and Ministry of Health) **Jazilah Abdul Rahim**
15. Diagnostic Performance of F-18 FDG and Gallium-68 SSR PET-CT in Patients with TIO: A Meta-analysis  
(All India Institute of Medical Sciences, Bhubaneswar, India) **Kanhaiyalal Agrawal**

## ANMB Examinees' Poster Presentation 2 (Walking) Friday Oct.6 10:00-11:30, Posters

1. Role of <sup>99m</sup>Tc-besilesomab scan with the added benefit of single photon emission computed tomography/computed tomography (SPECT/CT) in localizing infection  
(Oncological and Radiological Sciences Cluster, Universiti Sains Malaysia, Malaysia) **Khadijah Abdul Hamid**
2. Role of <sup>131</sup>I-MIBG and <sup>68</sup>Ga DOTANOC PET/CT in evaluation and to guide therapy in metastatic paraganglioma.  
(Department of Nuclear Medicine, All India Institute of Medical Sciences, India) **Saurabh Arora**



3. Duration of preparatory diet restriction and the radioiodine treatment outcome in hyperthyroidism  
(Nuclear Medicine Department, Hospital Kuala Lumpur, Malaysia) **Ahmad Zaid Zaniai**
4. The study of technetium-99m HMPAO brain perfusion SPECT imaging in dementia patients  
(Department of Nuclear Medicine, Yangon General Hospital, Myanmar) **Thiri Kyi Phyu**
5. <sup>68</sup>Ga-DOTANOC PET-CT for restaging GIT neuroendocrine tumors after primary treatment  
(Spiral Center, Chandigarh, India) **Varun Singh Dhull**
6. Pattern of Skeletal Scintigraphic Findings in Paediatric Patients with Childhood Cancer Referred to a Tertiary Nuclear Medicine Institute  
(National Institute of Nuclear Medicine & Allied Sciences, Bangladesh) **Pupree Mutsuddy**
7. Utilization of <sup>99m</sup>Tc-Tetrofosmin Myocardial Perfusion Scintigraphy In Predicting Outcome in Women Suspected of Coronary Artery Disease- A Single Centre Experience  
(Advanced Medical and Dental Institute, University Sains Malaysia) **Au Mun Yee**
8. Clinical experience of recombinant human thyroid-stimulating hormone in differentiated thyroid cancer  
(Department of Diagnostic and Therapeutic Radiology, Ramathibodi Hospital, Thailand)  
**Arpakorn Kositwattanarek**
9. Comparing relative renal function with parenchymal thickness in chronic unilateral renal obstruction  
(PINUM Hospital, Pakistan) **Owais Qadeer Gill**
10. Semi-quantitative assessment of FBPA uptake in Head and Neck tumors using Positron Emission Tomography  
(Department of Nuclear Medicine and Tracer Kinetics, Osaka University) **Jasmine Magno de Jesus**
11. Utility of NH<sub>3</sub>-FDG mismatch PET in prediction of improvement in LVEF post CABG.  
(Department of Nuclear Medicine, Post Graduate Institute Medical Education and Research, India)  
**Santhosh Sampath**
12. Functional Dyspepsia: Impaired Intra-gastric Distribution or Impaired Gastric Emptying- an Attempted Evaluation by Nuclear Scintigraphy  
(House of Diagnostics, India) **Vishal Agarwal**
13. <sup>68</sup>Gallium Chloride PET/CT as a novel functional imaging technique in the evaluation of invasive fungal rhinosinusitis  
(Department of Nuclear Medicine, Medanta Abdur Razzaque Ansari Memorial Weavers' Hospital, India)  
**Arun Kumar Reddy Gorla**
14. Evaluation of plexopathies: Can F-18-FDG PET/CT help in the management?  
(All India Institute of Medical Sciences, India) **Sameer Taywade**
15. Patterns of stress related injuries of lower limbs on skeletal scintigraphy  
(Nuclear Medical Centre, AFIP Rawalpindi, Pakistan) **Ali Jamal**
16. Role of F-18 FDG PET/CT in Langerhans Cell Histiocytosis evaluation & response assessment  
(Department of Nuclear Medicine & PET- CT, Apollo hospitals, India) **Shilpa Gorakh Kalal**

17. Role Of SISCOS (Subtraction Ictal SPECT Coregistered To Inter-Ictal Brain SPECT) In Lateralization And Localization Of Epileptogenic Foci In Patients With Intractable Epilepsy

(All India Institute of Medical Sciences, India) **Nishikant Avinash Damle**

18. Ovary as Metastatic Site from Primary Intrhepatic Cholangio Carcinoma- rare Case

(Department of Nuclear Medicine and PET- CT Imaging, The Gujarat Cancer & Research Institute, India)

**Rasna Tiwari**

19. Postoperative I-131 SPECT/CT: Is it really beneficial in risk stratification and radioiodine treatment modification ?

(Department of Radiology, Chiang Mai University, Thailand) **Tawika Kaewchur**

**Oral****Brain, CNS****Thursday Oct.5 8:30-9:10, Room 7**

Chair : Kenji Hirata (Department of Nuclear Medicine, Hokkaido University)  
 Dong Soo Lee (Department of Medicine, Seoul National University  
 college of Medicine, Korea)

- BM1VIIA-01** Effects of antihistamines on regional cerebral glucose metabolism and perfusion during cognitive tasks  
 (Tohoku University Cyclotron and Radioisotope Center) **Asuka Kikuchi**
- BM1VIIA-02** Impact of partial volume correction on discriminating amyloid-positive in PiB PET study  
 (Research Institute for Brain and Blood Vessels - Akita) **Keisuke Matsubara**
- BM1VIIA-03** Difference of F-18 THK5351 Uptake between Grey and White Matter in Alzheimer's disease and other dementia  
 (Asan Medical Center, Korea) **Hye Joo Son**
- BM1VIIA-04** Feasibility of Extending Amyloid Biomathematical Screening Methodology to Tau  
 (Tohoku University) **Ying Hwey Nai**

**Cardiac, Vessels****Thursday Oct.5 9:30-10:30, Room 7**

Chair : Kenichi Nakajima (Department of Nuclear Medicine, Kanazawa University Hospital)  
 S.Rasoul Zakavi (Mashhad University of Medical Science, Iran)

- BM1VIIB-01** Association Between Type 2 DM and Myocardial Ischemia among Filipino Patients with Mps  
 (Philippine Heart Center, Philippines) **Henry Gochoco Canizares**
- BM1VIIB-02** Normal values of phase parameters in gated myocardial perfusion SPECT with four software tools  
 (Department of Quantum Medical Technology, Kanazawa University) **Ringo Tatami**
- BM1VIIB-03** Application of artificial neural network for myocardial perfusion imaging  
 (Department of Nuclear Medicine, Kanazawa University Hospital) **Kenichi Nakajima**
- BM1VIIB-04** Association between F-18 NaF and F-18 FDG uptake of carotid artery on PET/CT and cerebral ischemia on MRI  
 (Kagawa University) **Takashi Norikane**
- BM1VIIB-05** Safety of stress myocardial perfusion imaging in patients with ultra-advanced age  
 (Division of Nuclear Cardiology Kakogawa Central City Hospital) **Hiroyuki Namura**
- BM1VIIB-06** Image Quality, Diagnostic Accuracy & LV Data of FBP vs OSEM Reconstruction in Myocardial Perfusion Scan  
 (Division of Nuclear Medicine, Philippine Heart Center, Philippines) **Deverly D. Tumapon**

## Head & neck, Soft tissue tumor

Thursday Oct.5 10:30-11:30, Room 7

Chair : Qaisar Hussain Siraj (Farwania Hospital Kuwait)

Abdul Rahim Al Suhaili (Nuclear Medicine - Dubai Hospital)

- BM1VIIC-01** Combined  $^{18}\text{F}$ -FDG PET/CT and contrast-enhanced CT in the evaluation of peripheral nerve schwannoma  
(WEILUN PET Center, Guangdong General Hospital, China) **Entao Liu**
- BM1VIIC-02**  $^{18}\text{F}$  FDG PET/CT and Contrast Enhanced CT of Primary Solitary Fibrous Tumor of Pleura  
(WEILUN PET Center, Guangdong General Hospital, China) **Entao Liu**
- BM1VIIC-03** Role of F-18 FDG PET/CT in Langerhans Cell Histiocytosis evaluation & response assessment  
(Department of Nuclear Medicine & PET- CT, Apollo hospitals, India) **Shilpa Gorakh Kalal**
- BM1VIIC-04** Assessment of tumour biology in head&neck cancer using triple-tracer  $^{18}\text{F}$ -FDG-FLT-FMISO-PET/CT scans  
(Department of Nuclear Medicine, Greater Poland Cancer Centre, Poland) **Paulina Cegla**
- BM1VIIC-05** FDG-PET/CT to predict effect of preoperative superselective intra-arterial CRT for lower gingival SCC  
(Department of Oral and Maxillofacial Surgery, Yokohama City University) **Maiko Shibasaki**
- BM1VIIC-06** Gallium Chloride PET/CT as a novel functional imaging technique in invasive fungal rhinosinusitis  
(Department of Nuclear Medicine, Medanta ARAM Weavers' Hospital, India)  
**Arun Kumar Reddy Gorla**

## Imaging, Radiation

Thursday Oct.5 13:30-14:20, Room 7

Chair : Hiroshi Fukuda (Tohoku Medical and Pharmaceutical University)

Hussein Kartamihardja (Padjadjaran University, Bandung)

- BM1VIID-01**  $^{125}\text{I}$  Radiolabeling and Biodistribution Analysis of a Novel Anti-cancer Agent TOP3  
(National Cancer Center) **Shusei Hamamichi**
- BM1VIID-02** Whole gamma imaging: a simulation study of a novel combination of PET and Compton imaging  
(National Institute of Radiological Sciences, QST) **Taiga Yamaya**
- BM1VIID-03** First healthy volunteer study of the helmet-neck PET prototype  
(National Institute of Radiological Sciences, QST) **Hideaki Tashima**
- BM1VIID-04** The impact of image displays between color scale and monitor gamma setting for brain SPECT  
(Department of Department of Quantum Medical Technology, Kanazawa University)  
**Takayuki Shibutani**
- BM1VIID-05** Radiation monitoring in a patient room with I-131 therapy  
(Department of Radioisotope Medicine, Nagasaki University) **Karo Choeng**

**Lung, Liver, Pancreas Thursday Oct.5 14:30-15:20, Room 7**

Chair : June-Key Chung (Department of Nuclear Medicine, Seoul National University College of Medicine and Hospital)

Raihan Hussain (Institute of Nuclear Medicine and Ultrasound, Dhaka)

- BM1VIIIE-01** FDG PET/CT correlation with parameters of Hepatocellular Carcinoma  
(Department of Radioisotope Medicine, Nagasaki University) **Altay Myssayev**
- BM1VIIIE-02** FDG PET/CT vs CECT in the initial staging of pancreatic adenocarcinoma  
(Tamil Nadu Government Multi Super Speciality Hospital, India) **Santhosh Sampath**
- BM1VIIIE-03** Relationship of Metabolic characteristics of SUVmax and aspehricity with EG-FR-mutation in NSCLC  
(Department of Nuclear Medicine, Seoul National University College of Medicine, Korea)  
**Seunggyun Ha**
- BM1VIIIE-04** Prediction of brain metastasis in Lung ADC patients using F-18 FDG PET/CT features  
(Nuclear Medicine Department of Radiology Center, First State Central Hospital, Mongolia)  
**Bolormaa Ganbaatar**
- BM1VIIIE-05** <sup>99m</sup>Tc-MDP Renal Parenchymal Retention on Bone Scan in Hepatocellular Carcinoma Patients  
(Punjab Institute of Nuclear Medicine Cancer Hospital, Pakistan) **Muhammad Shahzad Afzal**

## Poster

## Brain 1

## Thursday Oct.5 13:30-14:30, Posters

Chair : Noriaki Tomura (Department of Neuroradiology, Southern Tohoku Research Institute for Neuroscience)

- BP1A-01 Asymmetry of cerebral glucose metabolism in very low-birth-weight infants  
(Keimyung University Dongsan Medical Center, Korea) **Hae Won Kim**
- BP1A-02 Tau imaging using  $^{11}\text{C}$ -PBB3 in clinical variants of Alzheimer's disease  
(Tokyo Metropolitan Institute of Gerontology) **Masamichi Imai**
- BP1A-03 Quantitative assessment of amyloid-beta in APP/PS1 and 5xFAD AD Mice Models with  $^{18}\text{F}$ -FC119S PET Imaging  
(Division of RI-Convergence Research, Korea Institute Radiological and Medical Sciences) **Sejong Oh**
- BP1A-04 Consideration of Optimal Time Window for SUVR Analysis in AD Mice Using  $^{18}\text{F}$ -FC119S PET imaging  
(Division of RI-Convergence Research, Korea Institute Radiological and Medical Sciences) **Sejong Oh**
- BP1A-05 The [ $^{18}\text{F}$ ]FDG and [ $^{18}\text{F}$ ]T807 PET imaging in a kainic acid-induced Alzheimer's disease-like rat model  
(Dep. of Biol. and Anat., NDMC, Taipei, Taiwan) **Shao-Ju Weng**
- BP1A-06  $^{18}\text{F}$ -FDG PET performance to predict the conversion of MCI to AD in J-ADNI  
(National Center for Geriatrics and Gerontology) **Yusuke Okada**

## Brain 2

## Thursday Oct.5 15:00-16:00, Posters

Chair : Miwako Takahashi (Department of Radiology, The University of Tokyo)

- BP1B-01 Usefulness of 3D statistical analysis for diagnosis of mesial temporal lobe epilepsy using FDG-PET  
(Course of Health Science, Osaka University) **Jun Takaesu**
- BP1B-02  $^{99\text{m}}\text{Tc}$ -TRODAT-1 SPECT imaging in early and late onset Parkinson's disease.  
(Nuclear Medicine Research Center, Mashhad University of Medical Sciences, IRAN) **Vahid Reza Dabbagh**
- BP1B-03 PET imaging of DA system in a Parkinsonian rat model co-grafts with Sertoli cells and embryonic VM tissue  
(Dep. of Biol. and Anat., NDMC, Taiwan) **Yun-Ting Jhao**
- BP1B-04 Type 1 metabotropic glutamate receptor availability in hereditary ataxia  
(Tokyo Metropolitan Institute of Gerontology) **Kenji Ishibashi**
- BP1B-05 Head to head comparison of (*R*)-[ $^{11}\text{C}$ ]verapamil and [ $^{18}\text{F}$ ]MC225 in the brain of conscious monkeys  
(Tokyo Metropolitan Institute of Gerontology) **Jun Toyohara**
- BP1B-06 Non-label Imaging of Essential Ions in Retinal Angiogenesis by TOF-SIMS  
(Seoul National University College of Medicine, Korea) **Jeong Hun Kim**

- BP1B-07**      **Molecular Imaging of VEGF-induced Retinal Neovascularization by Gold Nano-disk-assisted OCT**  
 (Fight against Angiogenesis-Related Blindness Laboratory, Seoul National University Hospital, Korea)  
**Jin Hyoung Kim**

**Brain 3**      **Thursday Oct.5 13:30-14:30, Posters**

Chair : **Manabu Tashiro** (Cyclotron and Radioisotope Center (CYRIC), Tohoku University)

- BP1C-01**      **On-line MIRA ( Molecular Image Repository and Analysis) for molecular imaging research**  
 (CYRIC, Tohoku University) **Mahabubur Rahman**
- BP1C-02**      **FDG PET is helpful in SEEG mapping in MRI negative focal cortical dysplasia**  
 (Department of nuclear medicine of Taipei veterans general hospital, Taiwan) **Tsehao Lee**
- BP1C-03**      **The Utility of Specific Bind Ratio and Asymmetry Index in Dat scan with three head gamma camera system.**  
 (Faculty of Health Sciences, Shonan University of Health Sciences) **Jumpei Suyama**
- BP1C-04**      **Imaging Evident Striatal Loss of Dopamine Transporter Activity with aging**  
 (Nuclear Medicine department, Taipei Veterans General Hospital, Taiwan) **SF Yao**

**Cardiac**      **Thursday Oct.5 15:00-16:00, Posters**

Chair : **Jerry Obaldo** (Philippine Heart Center, Philippines)

- BP1D-01**      **Utility of Quantitative MIBG SPECT Scoring in IQ-SPECT: comparison with heart-to-mediastinum ratio**  
 (Nuclear Medicine, Kanazawa University Hospital) **Shinro Matsuo**
- BP1D-02**      **Comparison between Three Different Programs for Assessment of Lv Function by Gated Spect Parameters**  
 (Department of Nuclear Medicine, Trakya University, Turkey) **Funda Ustun**
- BP1D-03**      **Detection of Cardiac Allograft Vasculopathy Using CZT Camera: Head to Head Comparison with <sup>13</sup>N-NH<sub>3</sub> PET**  
 (National Taiwan University Hospital) **Meifang Cheng**
- BP1D-04**      **CardioREPO has improved quantification of small hearts for SPECT in patients with STEMI**  
 (Cardiovascular Center, Yokohama City University Medical Center) **Noriaki Iwahashi**
- BP1D-05**      **Correlation between Tc-99m MIBI MPS and ERNA in assessment of LV dyssynchrony**  
 (Nuclear Medicine Department, All India Institute of Medical Sciences, India) **Chetan D Patel**
- BP1D-06**      **Current status of stress MPI protocol using <sup>99m</sup>Tc ligands in Japan**  
 (Course of Health Science, Osaka University) **Ryuto Otsuka**
- BP1D-07**      **Reproducibility of MUGA studies: automatic or manual processing?**  
 (University of the Witwatersrand, Johannesburg, South Africa) **Nico Malan**

**Oral****Lymphoma, Thymoma****Friday Oct.6 8:30-9:10, Room 7**

Chair : Mei Tian (Zhejiang University)

Ryo Fujita (Department of Radiology, Yokohama City University)

BM2VIA-01 Treatment response in patients with lymphoma: texture analysis using  $^{18}\text{F}$ -FDG PET/CT

(Department of Radiology, Tokyo Medical and Dental University) **Junichi Tsuchiya**

BM2VIA-02 FDG-PET/CT before Treatment as an Early predictor of RIT Response for non-Hodgkin's Lymphoma

(Department of Diagnostic Radiology and Nuclear Medicine, Gunma University) **Ryan Yudistiro**

BM2VIA-03 Baseline FDG PET/CT in EBV positive DLBCL in the elderly prognostic value, no superiority to IPI.

(Althawra Modern General Hospital, Yemen) **Qaid Ahmed Shagera**

BM2VIA-04 Recurrent Thymoma with Lung, Pleural, and Splenic Metastases Demonstrated on F-18 FDG PET/CT

(Nuclear Medicine Division, Philippine Heart Center, Philippines) **Deverly D. Tumapon****Lymphoscintigraphy, MRI****Friday Oct.6 9:30-10:20, Room 7**

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

Keisuke Yoshida (Department of Radiology, Yokohama City University)

BM2VIB-01 Abnormal uptake on dedicated breast PET in the screening; compared with MRI and pathology

(Department of Breast Surgery, Kyoto University) **Masae Torii**

BM2VIB-02 Impact of scan duration on textural features in  $^{18}\text{F}$ -FDG PET/MR

(Biomedical Imaging Research Center, University of Fukui) **Tetsuya Tsujikawa**

BM2VIB-03 Improving the accuracy of lymphatic duct detection using SPECT/CT lymphoscintigraphy

(Plastic and Reconstructive Surgery, Yokohama City University) **Yui Tsunoda**

BM2VIB-04 Optimization of attenuation and scatter corrections in sentinel lymph node scintigraphy

(Department of Radiological Technology, Kanazawa University Hospital) **Hiroto Yoneyama**

BM2VIB-05 Axillary reverse mapping - A concept towards preventing lymphedema in breast Cancer patients

(Department of Nuclear Medicine &amp; PETCT, Amrita Institute of Medical Sciences, India)

**Sundaram P Shanmuga**



**Methodology****Friday Oct.6 10:30-11:30, Room 7**

Chair : Tohru Shiga (Department of Nuclear Medicine, Hokkaido University)  
Guru Pad Bandopadhyaya (All India Institute of Medical Sciences)

- BM2VIIC-01** The evaluation of a purification method for recycled [ $^{18}\text{O}$ ] water and the utilization of the purified water  
(Oncology Imaging Center, Wattanosoth Hospital , Bangkok Hospital at Headquarter, Thailand)  
**Suthatip Ngokpol**
- BM2VIIC-02** Development of a new PET-CT CAD System aiming for Detection of small but abnormal FDG accumulations  
(Department of Radiology, Yokohama City University) **Hiroshi Arisawa**
- BM2VIIC-03** Comparing relative renal function with parenchymal thickness in chronic unilateral renal obstruction  
(Nuclear Medicine & Radiology Department, PINUM Hospital, Pakistan) **Owais bin Qadeer Gill**
- BM2VIIC-04** Implementation of a clinical reporting quality assurance program in a hospital-based PET service.  
(Department of Molecular Imaging & Therapy, Austin Health, Australia.) **Salvatore Berlangieri**
- BM2VIIC-05** Strategy to overcome star artifact and honey comb artifact in I-131 whole body scan.  
(Punjab Institute of Nuclear Medicine, Pakistan) **Muhammad Shahbaz**
- BM2VIIC-06** Risk stratification of acute coronary syndrome with MPI & TIMI risk scores  
(Department of Nuclear Medicine & PETCT, Amrita Institute of Medical Sciences, India)  
**Padma Subramanyam**

**Molecular imaging****Friday Oct.6 13:30-14:30, Room 7**

Chair : Yukie Yoshii (National Institute of Radiological Sciences)  
Henry Bom (Chonnam National University Hwasun Hospital, Korea)

- BM2VIID-01** In vivo imaging of microglial activation as targeted for CB2 in the brain  
(Department of Biofunctional Imaging, Hamamatsu University) **Yasuomi Ouchi**
- BM2VIID-02** A novel PET radiotracer for visualizing in vivo action of immune checkpoint blocker anti-CTLA4 mAb  
(Department of Radiopharmaceuticals Development, NIRS, QST) **Cuiping Jiang**
- BM2VIID-03** C-14-Methionine imaging in Myocardial Infarction with postconditioning and Ventricular Remodeling  
(Department of Nuclear Medicine, Kanazawa University Hospital) **Junichi Taki**
- BM2VIID-04** The effects of corrections on the small animal images using simultaneous acquisition with  $^{99m}\text{Tc}$  and  $^{18}\text{F}$   
(Department of Quantum Medical Technology, Kanazawa University) **Takayuki Kanno**
- BM2VIID-05** Synthesis of highly-qualified  $^{11}\text{C}$ -labeled (*R,S*)-isoproterenol aimed at a clinical study  
(National Center for Geriatrics and Gerontology) **Hiroshi Ikenuma**

BM2VIID-06 Brain penetration of isoproterenol as a drug of dementia measured in rats with a micro-PET

(National Center for Geriatrics and Gerontology) **Aya Ogata**

### Multi-modality/tracer **Friday Oct.6 14:30-15:10, Room 7**

Chair : Madoka Tateno (Yokohama Hodogaya Central Hospital)  
Wen-Shen Huang (Taipei Veterans General Hospital, Taiwan)

BM2VIIE-01 Diagnosing drug-induced parkinsonism by combination use of multiple scintigraphy imaging

(Tokyo Metropolitan Matsuzawa Hospital) **Kiyomi Amemiya**

BM2VIIE-02 Differentiating meningioma from metastases: Initial experience using dual tracer PET/CT

(Department of Nuclear Medicine and Molecular Imaging, Tata Memorial Hospital, India)  
**Nilendu Purandare**

BM2VIIE-03 Clinical Comparison of Digital SiPM PET/CT and Standard PET/CT Scanners

(Stanford University, USA) **Guido Alejandro Davidzon**

BM2VIIE-04 FDG PET-CT in Pyrexia of Unknown Origin in adult Solid Organ Transplant Recipients.

(Department of Nuclear Medicine & PET-CT, Apollo Hospitals, India) **Avani S Jain**

### Neuroendocrine **Friday Oct.6 15:30-16:20, Room 7**

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

Yaming Li (The First Hospital of China Medical University)

BM2VIIF-01 Role of  $^{131}\text{I}$ -MIBG and  $^{68}\text{Ga}$  DOTANOC PET/CT in evaluation and to guide therapy in metastatic paraganglioma.

(Department of Nuclear Medicine, All India Institute of Medical Sciences, India) **Saurabh Arora**

BM2VIIF-02 Prospective study of  $^{18}\text{F}$ -DOPA PET/CT for the diagnosis of NET and compared with  $^{68}\text{Ga}$ -DOTA-NOC PET/CT

(Department of Nuclear Medicine, Nanjing First Hospital, Nanjing Medical University, China)

**Feng Wang**

BM2VIIF-03 Diagnostic Performance of F-18 FDG and Gallium-68 SSR PET-CT in Patients with TIO: A Meta-analysis

(All India Institute of Medical Sciences, India) **Kanhaiyalal Agrawal**

BM2VIIF-04 Synthesis of generator based  $^{68}\text{Ga}$ -labeled DATA radiopharmaceutical by an automated module: An Indian experience

(Department of Nuclear Medicine & PET Cyclotron Facility, AIIMS, India) **Rajeev Kumar**

BM2VIIF-05 Diagnostic efficacy of  $^{68}\text{Ga}$  DOTANOC and  $^{131}\text{I}$ -MIBG in the management of neuroendocrine tumors

(Dept of Nuclear Medicine, PGIMER Chandigarh, India) **Jaya Shukla**

**Poster****Imaging, Radiation****Friday Oct.6 9:00-10:00, Posters**

Chair : Mizanul Hasan (National Institute of Nuclear Medicine &amp; Allied Sciences, Bangladesh)

- BP2A-01** The Estimation of Population Dose from Nuclear Medicine Procedures in North of Iran  
(Department of Medical Physics, Babol University of Medical Sciences, Iran.)  
**Fatemeh Niksirat Sustani**
- BP2A-02** Radiation exposure to thumb of nuclear medicine physician during injections  
(House of Diagnostics, India) **Vishal Agarwal**
- BP2A-03** Peritoneal Scintigraphy in Detecting Peritoneal-pleural Communication  
(Department of Nuclear Medicine, National Taiwan University Hospital, Taiwan) **Ching Chu Lu**
- BP2A-04** Spectrum of Insufficiency fractures on Bone Scan: Analysis and Pictorial essay  
(Department of Nuclear Medicine, Nizams Institute of Medical Sciences, India)  
**Kavitha Reddy Nallapareddy**
- BP2A-05** The specialized Nuclear Medicine Thyroid Clinic: Impacting Thyroid health  
(Department of Nuclear Medicine, All India Institute of Medical Sciences Rishikesh, India)  
**Vandana Kumar Dhingra**
- BP2A-06** Effective dose of shuttle driver exposed from FDG-PET/CT examined patients in the car  
(Department of Radiology, Jyuzen Memorial Hospital) **Akihide Sasaki**
- BP2A-07** DMSA relative renal uptake in correlation with hydronephrosis grading on Ultrasound in Adult patients  
(Nuclear Medicine, Prince Sultan Military Medical City, Saudi Arabia.)  
**Abdullah Othman ALQARNI**

**Oncology 1****Friday Oct.6 10:30-11:30, Posters**

Chair : Hussein Kartamihardja (Padjadjaran University, Bandung)

- BP2B-01** Intratumor Heterogeneity on FDG-PET Images in Malignant Pheochromocytoma and Paraganglioma Patients  
(Department of Nuclear Medicine, Kanazawa University Hospital) **Hiroshi Wakabayashi**
- BP2B-02** Risk factors for FDG-avid lymph node metastasis on preablative FDG PET-CT in papillary thyroid cancer  
(Nuclear Medicine, Chonnam National University Hospital, Korea) **Sang-Geon Cho**
- BP2B-03** Usefulness of FDG-PET imaging in primary adrenal and metastatic lung lesion of adrenocortical carcinoma  
(Departement of Pediatrics, Yokohama City University Hospital) **Masanobu Takeuchi**
- BP2B-04** <sup>68</sup>Ga-DOTANOC PET-CT for restaging GIT neuroendocrine tumors after primary treatment  
(Grecian Super Speciality Hospital, India) **Varun Singh Dhull**

- BP2B-05** Detectability of malignant lesion by whole-body MRI including DWI, using whole-body integrated PET/MRI  
(Department of Radiology, Fukushima Medical University) **Shiro Ishii**
- BP2B-06** Prognostic significance of MTV in patients with piriform sinus carcinoma treated by radiotherapy.  
(Department of Otorhinolaryngology, Head and Neck Surgery, Yokohama City University)  
**Kenichiro Yabuki**
- BP2B-07** Prognostic value of FDG-PET for patients with oral squamous cell carcinoma  
(Department of Oral and Maxillofacial Surgery, Yokohama City University) **Mai Endo**

## Oncology 2 Friday Oct.6 9:00-10:00, Posters

Chair : Abdul Al Suhaili (Nuclear Medicine - Dubai Hospital)

- BP2C-01** Detection of bone marrow involvement of DLBCL - Comparison of PET-CT and bone marrow biopsy  
(Department of Hematology and Clinical Immunology, Yokohama City University) **Yuki Nakajima**
- BP2C-02** Correlative analysis with endoscopic and pathologic findings for incidental focal colonic FDG uptake  
(Nuclear Medicine Unit, Hospital Authority Clinical PET Centre, Queen Elizabeth Hospital, Hong Kong)  
**Yan Ho Hui**
- BP2C-03** Early Delayed Dual-time-point FDG Uptake Correlates with Prognostic Factors of Invasive Breast Cancer  
(Jeju National University School of Medicine, Korea) **Heesung Song**
- BP2C-04** Correlation between Proliferation Index and Metabolic Activity at the Biopsy Site in Newly Diagnosed NHL  
(House of Diagnostics, India) **Vishal Agarwal**

## Oncology, Inflammation Friday Oct.6 10:30-11:30, Posters

Chair : Sze Lee (Austin Hospital, Australia)

- BP2D-01** Efficacy of low dose sorafenib in advanced non-iodine concentrating thyroid cancer  
(Dept of Nuclear Medicine, Sanjay Gandhi Postgraduate Institute of Medical Sciences, India)  
**Sukanta Barai**
- BP2D-02** Functional Dyspepsia: Impaired intragastric distribution or Impaired gastric Emptying  
(House of Diagnostics, India) **Vishal Agarwal**
- BP2D-03** Prediction of time to CRPC using BSI in metastatic hormone-sensitive prostate cancer  
(Department of Urology and Renal Transplantation, Yokohama City University Medical Center)  
**Shuko Yoneyama**
- BP2D-04** Pivotal role of F-18 FDG PET CT in evaluating pyrexia of unknown origin in Indian population  
(Apollo Hospitals, India) **Jaykanth Amalachandran**

- BP2D-05** Correlations between SUVmax of 18F FDG-PET/CT and Clinical Characteristics in Healthy Subjects  
(Department of Nuclear Medicine, Taichung Veteran General Hospital) **YiChing Lin**
- BP2D-06** Serum SP-A as a surrogate biomarker for the "negative heart sign" in patients with ILD  
(Department of Pulmonology, Yokohama City University) **Yu Hara**
- BP2D-07** Genetic associations with lung sarcoidosis diagnosed by nuclear medical imaging  
(Department of Ophthalmology, Yokohama City University) **Masaki Takeuchi**

**PET, SPECT 1**

**Friday Oct.6 13:30-14:30, Posters**

Chair : Akram Al-Ibraheem (King Hussein Cancer Center, Jordan)

- BP2E-01** The impact of SPECT/CT on whole bone scan  
(Department of Nuclear Medicine, Kaohsiung Veterans General Hospital, Taiwan) **Sin-Di Lee**
- BP2E-02** The utility of a novel 3D dynamic cardiac phantom using myocardial gated SPECT.  
(Department of Quantum Medical Technology, Kanazawa University) **Yuta Maeda**
- BP2E-03** Phantom studies for imaging of the thyroid and parathyroid using a cardiac CZT camera  
(Course of Health Science, Osaka University) **Yosuke Miyazaki**
- BP2E-04** Fundamental Study for Development of New Systemic Amyloid Imaging Probe <sup>18</sup>F-EFSB  
(Graduate School of Health Science, Kumamoto University) **Ryoma Suzuki**
- BP2E-05** Synthesis and preclinical characterization of a novel [<sup>18</sup>F]DMFB for PET imaging agent of malignant melanoma  
(Department of Nuclear Medicine, Chonnam national University Hwasun Hospital, Korea) **Ayoung Pyo**
- BP2E-06** <sup>111</sup>In-EC-PEGylated liposomes enable both high tumor accumulation and rapid background clearance  
(National Cancer Center) **Izumi O. Umeda**
- BP2E-07** First radiolabel of <sup>99m</sup>Tc-jerusalem artichoke for prolong gastric emptying and colon transit  
(Division of Nuclear Medicine, Department of Radiology, Chulalongkorn University, Thailand)  
**Shuichi Shiratori**

**PET, SPECT 2**

**Friday Oct.6 15:00-16:00, Posters**

Chair : Raihan Hussain (Institute of Nuclear Medicine and Ultrasound, Dhaka)

- BP2F-01** Prognostic value of FDG PET metabolic parameters and textural features in pancreatic adenocarcinoma  
(Baskent Universitesi, Turkey) **Nese Torun**
- BP2F-02** Study the thyroid hormones levels in the mental retardation patients using nuclear medicine techniques  
(Children's Hospital of Zhengzhou, China) **Zhengqin Zhao**

- BP2F-03** Multimodal imaging in the detection of maxillary sinus osteosarcoma recurrence: a case report  
(Department of Oral and Maxillofacial Surgery, Yokohama City University) **Yuichiro Hayashi**
- BP2F-04** A case of isolated cardiac sarcoidosis diagnosed by cardiac FDG-PET  
(Department of Cardiology, Kanagawa Cardiovascular and Respiratory Center) **Naoki Iinuma**
- BP2F-05** First Clinical Experience with Ultra-High Resolution Multi-Focal Collimators for Tc-99m-PSMA Imaging  
(Clinic of Nuclear Medicine, University Hospital Erlangen, Germany) **Christian Schmidkonz**
- BP2F-06** blood biomarkers fluctuation following low-dose radiation induced by Myocardial Perfusion Imaging  
(Shiraz University of Medical Sciences, Iran) **Mehrosadat Alavi**
- BP2F-07** Evaluation of Whole-Body and Small FOV CZT Gamma Cameras  
(Kromek / eV Products, Pennsylvania, USA) **JW Hugg**
- BP2F-08** A Quantitative Evaluation of Multiple Biokinetic Models Using an Assembled Water Phantom: A Feasibility Study  
(Graduate Institute of Radiological Science, Central Taiwan University of Science and Technology, Taiwan)  
**Ching-Yuan Chen**

**RI therapy**

**Friday Oct.6 13:30-14:30, Posters**

Chair : Koichiro Abe (Department of Diagnostic imaging and Nuclear Medicine, Tokyo Women's Medical University)

- BP2G-01** Sites of I-131 uptake by thyroid bed of I-131 SPECT/CT about a week after radioiodine remnant ablation  
(Department of Nuclear Medicine, Osaka City University) **Joji Kawabe**
- BP2G-02** High Dose I-131 Therapy (Capsule Versus Solution) of Differentiated Thyroid Carcinoma in Myanmar  
(Yangon General Hospital, Myanmar) **Kyin Myint**
- BP2G-03** Relationship between remnant thyroid uptake and serum thyroglobulin after radioactive iodine therapy  
(Dept. of Nuclear Medicine, Chonnam National University Hwasun Hospital, Korea) **Minchul Song**
- BP2G-04** Targeted  $\alpha$ -Based Treatment with Ra-223 for Metastatic Castration-Resistant Prostate Cancer  
(Nuclear Medicine, Kanazawa University Hospital) **Shinro Matsuo**
- BP2G-05** Monitoring of Ra-223 therapy by FDG-PET/MRI and bone SPECT in CRPC patients with bone metastases  
(Department of Radionuclide Therapy, Fukushima Medical University Hospital)  
**Shigeyasu Sugawara**
- BP2G-06** Prognostic value of BSI for predicting OS among mCRPC patients treated with radium-223  
(Department of Urology and Renal Transplantation, Yokohama City University Medical center)  
**Sohgo Tsutsumi**

**BP2G-07**

**Wild-type p53 increases radioiodine uptake and induces apoptosis in ATC by increasing NIS**

(Shanghai 10th People's Hospital, Tongji University, China) **Dan Li**

**Oral****Oncology, Inflammation****Saturday Oct.7 8:00-8:40, Room 7**

Chair : Mizanul Hasan (National Institute of Nuclear Medicine &amp; Allied Sciences, Bangladesh)

Shankar Kumar Biswas (Institute of Nuclear Medicine &amp; Allied Sciences, Bangladesh)

- BM3VIA-01 Comparing Salivary Glands in Healthy and IgG4-Related Disease Subjects Using  $^{18}\text{F}$ -FDG PET/CT  
(Department of Nuclear Medicine , National Taiwan University Hospital, Taiwan) **Yi-Chieh Chen**
- BM3VIA-02 Incremental value of SPECT-CT in the diagnosis of various pathologies using Tc-99m MDP bone scan.  
(Department Of Nuclear Medicine, All India Institute Of Medical Sciences, India) **Averilicia Passah**
- BM3VIA-03 Comparison of Pre-, During-, Post-IMRT FMISO-PET with recurrence after IMRT for head and neck cancer.  
(Department of Nuclear Medicine, Hokkaido University Hospital) **Shozo Okamoto**
- BM3VIA-04 Intratumoral perfusion pressure and hypoxia: comparison between  $^{15}\text{O}$ -labeled gases and  $^{18}\text{F}$ -FMISO PET.  
(Department of Nuclear Medicine and Tracer Kinetics, Osaka University) **Tadashi Watabe**

**Prostate, Neuroblastoma****Saturday Oct.7 9:00-9:50, Room 7**

Chair : Akram Al-Ibraheem (King Hussein Cancer Center, Jordan)

Keisuke Yoshida (Department of Radiology, Yokohama City University)

- BM3VIIB-01 Incremental value of FDG PET/CT over I-131 MIBG for staging and prognostication in high risk Neuroblastoma  
(Tata Memorial Centre, India) **VenkaTesh angarajan**
- BM3VIIB-02 Not all Ga-68 PSMA uptakes are related to Prostatic Carcinoma  
(Khoo Teck Puat Hospital, Singapore) **Anbalagan Kannivelu**
- BM3VIIB-03 Early risk stratification and staging in prostate cancer with  $^{68}\text{Ga}$ -PSMA PET-CT  
(Nuclear Medicine Department, Rajiv Gandhi Cancer Institute and Research Centre, India)  
**Manoj Gupta**
- BM3VIIB-04 Tc-99m-MIP-1404 Imaging for the Detection of PSMA-Positive Lesions in Patients with Prostate Cancer.  
(Clinic of Nuclear Medicine, University Hospital Erlangen, Germany) **Christian Schmidkonz**
- BM3VIIB-05 Prognostic impact of bone SPECT/CT for metastatic castration-resistant prostate cancer patients  
(Department of Radiology, Nippon Medical School) **Yoshimitsu Fukushima**



**RI therapy**

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

Chair : Suresh C. Srivastava (Brookhaven National Laboratory, USA)  
 Tetsuya Higuchi (Department of Diagnostic Radiology and Nuclear  
 Medicine, Gunma University)

- BM3VIIC-01** Bevacizumab radioimmunotherapy (RIT) in triple-negative breast cancer (TNBC) xenograft  
 (Radiology and Nuclear Medicine, Gunma University) **Ryan Yudistiro**
- BM3VIIC-02** <sup>177</sup>Lu-hydroxyapatite (Lu-177 HA) in Radiosynovectomy of knee joints due to Rheumatoid arthritis.  
 (Department of Nuclear Medicine and PET/CT, Kovai Medical Center and Hospital, India) **Kamaleshwaran Koramadai Karuppusamy**
- BM3VIIC-03** Preclinical study of  $\alpha$ -RIT against liver metastasis of gastric cancer  
 (Graduate School of Medical and Pharmaceutical Sciences, Chiba University) **Huizi Keiko Li**
- BM3VIIC-04** Evaluation of Radiation Exposure Rate after I-131 Treatment of Patients  
 (Division of Nuclear Medicine, Chi Mei Medical Center, Taiwan) **Chien- hua Lu**
- BM3VIIC-05** Efficacy of 1110 vs. 3700 MBq RAI in Remnant Ablation of Low Risk Dtc: A Meta-Analysis  
 (Philippine Heart Center, Philippine) **Henry Gochoco Canizares**

**Thyroid, Breast**

**Saturday Oct.7 11:00-11:50, Room 7**

Chair : Mei Tian (Zhejiang University)  
 Sze Ting Lee (Austin Hospital, Australia)

- BM3VIID-01** Response prediction of neoadjuvant therapy by dedicated-breast PET: compared with MR volumetry  
 (Diagnostic Imaging and Nuclear Medicine, Kyoto University Graduate School of Medicine) **Masako Kataoka**
- BM3VIID-02** The Effect of FDG-PET/CT in Response of Breast Cancer Therapy  
 (Faculty of Paramedicine, Semnan University of Medical Sciences, Semnan, Iran) **Mohsen Shoja**
- BM3VIID-03** Induction of Natrium Iodide Symporter Expression in Breast Cancer Cell Lines  
 (Medical Physics and Radiology, Universitas Andalas, Singapore) **Aisyah Elliyanti**
- BM3VIID-04** Importance of isolated raised thyroglobulin antibody in follow up and management of differentiated thyroid cancer  
 (Nuclear Medicine, Tata Medical Center, India) **Ray Soumendranath**
- BM3VIID-05** Can <sup>18</sup>F-FDG-PET predict <sup>131</sup>I therapeutic response in metastatic differentiated thyroid carcinoma?  
 (Department of Diagnostic Radiology and Nuclear Medicine, Gunma University) **Xieyi Zhang**