

8 September 2022

Keynote Lecture

Time: 11:30 - 12:30 (JST)

Room 1 (Main Hall, International Conference Center, Kyoto)

Chair:

TOYAMA, Hiroshi / Fujita Health University / Japan

Speaker:

Contributions to the early detection of Alzheimer's disease using analytical and medical technologies

TANAKA, Koichi

Shimadzu Corporation / Japan

Plenary Lecture 1

Time: 14:30 - 15:30 (JST)

Room 1 (Main Hall, International Conference Center, Kyoto)

Chair:

ISHII, Kazunari / Kindai University / Japan

Speaker:

Molecular Brain Imaging of Dementia: Emerging Diseases, Therapies, and Role of Imaging

MINOSHIMA, Satoshi

University Of Utah / USA

WFNMB Symposium 1 [PSMA-PET & PSMA therapy]

Time: 15:40 - 17:10 (JST)

Room 1 (Main Hall, International Conference Center, Kyoto)

Chairs:

NAKAMOTO, Yuji / Kyoto University / Japan

HERRMANN, Ken / UK Essen / Germany

Speakers:

PSMA-directed Molecular Imaging and Therapy in Germany

WERNER, Rudolf

University Hospital Würzburg / Germany

Prostate PSMA Directed Theranostics and Patient Selection: Current US
Perspective and Future Directions

CHO, Steve Yoon-Ho

University of Wisconsin - Madison / USA

PET imaging and therapy targeting PSMA: current status and perspective in Japan

WATABE, Tadashi

Osaka University / Japan

WFNMB Symposium 2 [Molecular imaging for dementia]

Time: 17:15:00 - 18:45:00 (JST)

Room 1 (Main Hall, International Conference Center, Kyoto)

Chairs:

ROSA-NETO, Pedro / McGill University / Canada

ISHII, Kenji / Tokyo Metropolitan Institute of Gerontology / Japan

Speakers:

Update on Flortaucipir PET Imaging

PONTECORVO, Michael

Eli Lilly / USA

A biological staging system for Alzheimer's disease

ROSA-NETO, Pedro

McGill University / Canada

PET imaging of reactive astrocytes with [18F]SMBT-1 in dementia

OKAMURA, Nobuyuki

Tohoku Medical and Pharmaceutical University / Japan

Imaging hallmark neuropathologies of neurodegenerative dementias

HIGUCHI, Makoto

National Institutes for Quantum Science and Technology / Japan

Read with Experts: Pediatrics

Time: 15:40 – 17:10 (JST)

Room 2 (Annex 1, International Conference Center Kyoto, Annex)

Chair:

BAR-SEVER, Zvi / Schneider Children's Medical Center / Israel

Speakers:

BAR-SEVER, Zvi / Schneider Children's Medical Center / Israel

DRUBACH, Laura / Boston Children's Hospital / USA

UCHIYAMA, Mayuki / The Jikei University School of Medicine / Japan

Read with Experts: Cardiology

Time: 17:15 – 18:45 (JST)

Room 2 (Annex 1, International Conference Center Kyoto, Annex)

Chair:

TAMAKI, Nagara / Kyoto Prefectural University Of Medicine / Japan

Speakers:

WU, Yen-Wen / Far Eastern Memorial Hospital / Taiwan

MILLER, Robert / University of Calgary / Canada

OTAKI, Yuka / Sakakibara Heart Institute / Japan

WFNMB Technology Symposium 1 [Current status of education and license system and the role of tech in QA/QC]

Time: 15:40 - 17:10 (JST)

Room 3 (Annex 2, International Conference Center Kyoto, Annex)

Chairs:

GILMORE, C. David / MCPHS University / USA

PATHMARAJ, Kunthi / Austin Health / Australia

Speakers:

Current status of education and license system and the role of tech in QA/QC

YORK, Dusty McBryar

Chattanooga State Community College / USA

Current status of education and license system and the role of tech in QA/QC

SANTOS, Andrea

Hospital Cuf Descobertas / Portugal

Current status of education and license system and the role of tech in QA/QC

MATSUURA, Yuka

Waseda University / Japan

WFNMB Technology Symposium 2 [Standardization efforts for SPECT/CT]

Time: 17:15:00 - 18:45:00 (JST)

Room 3 (Annex 2, International Conference Center Kyoto, Annex)

Chairs:

KITA, Akinobu / University Of Fukui Hospital / Japan

SANTOS, Andrea / Hospital Cuf Descobertas / Portugal

Speakers:

Standardization efforts for SPECT/CT - Focus on radionuclide therapy

FRAGOSO COSTA, Pedro

University Hospital Essen / Germany

Role of the Japanese Society of Nuclear Medicine Technology Standardization

Guidelines for SPECT Imaging: From the Present to the Future

MATSUTOMO, Norikazu

Kyorin University / Japan

International Leadership Session

Time: 17:15 – 18:45 (JST)

Room 3 (Room A, 2F, International Conference Center Kyoto)

Chairs:

WATABE, Tadashi / Osaka University / Japan

MIYAKE, Kanae K. / Graduate School of Medicine Kyoto University / Japan

Speakers:

Challenges of Nuclear Cardiology from a young Korean nuclear physician's perspectives

CHO, Sang-Geon

Chonnam National University Hospital / South Korea

The multiple facets of leadership in nuclear medicine

HOPE, Thomas

University Of California, San Francisco / USA

A diverse and united leadership for the future of Nuclear Medicine: my point of view from Europe

GARIBOTTO, Valentina

Geneva University Hospitals / Switzerland

9 September 2022

Treatment Response Criteria in the Era of Cancer Immunotherapy:

Hossein Jadvar

Time: 08:00 - 09:00 (JST)

Room 1 (Main Hall, International Conference Center, Kyoto)

Chair:

YAN, Sean Xuexian / Singapore General Hospital / Singapore

Speaker:

Treatment Response Criteria in the Era of Cancer Immunotherapy

JADVAR, Hossein

University of Southern California / USA

Plenary Lecture 2

Time: 09:30 - 10:15 (JST)

Room 1 (Main Hall, International Conference Center, Kyoto)

Chair:

TAMAKI, Nagara / Kyoto Prefectural University Of Medicine / Japan

Speaker:

NUCLEAR CARDIOLOGY: NUCLEAR MEDICINE AND THE WORLD'S BIGGEST KILLER

CARRIO, Ignasi

Hospital Sant Pau / Spain

Plenary Lecture 3

Time: 11:00:00 - 12:00:00 (JST)

Room 1 (Main Hall, International Conference Center, Kyoto)

Chair:

TATEISHI, Ukihide / Tokyo Medical and Dental University / Japan

Speaker:

From Innovation to Implementation: Advancing Radiomolecular Precision Oncology
for Theranostics of Personalized Cancer Care

BAUM, Richard P.

Curanosticum Wiesbaden-Frankfurt / Germany

WFNMB Symposium 3 [Recent advance in Nuclear Cardiology]

Time: 14:00:00 - 15:30:00 (JST)

Room 1 (Main Hall, International Conference Center, Kyoto)

Chairs:

KUDO, Takashi / Nagasaki University / Japan

BOM, Hee-Seung Henry / Chonnam National University Medical School / South Korea

Speakers:

Non-perfusion application of myocardial perfusion SPECT in ischemic heart disease: dyssynchrony and flow quantitation

GUANG-UEI, Hung

Chang Bing Show Chwan Memorial Hospital / Taiwan

Molecular Image-Piloted Strategies - Established in Oncology, Ready for Cardiology?

WERNER, Rudolf

University Hospital Würzburg / Germany

Clinical Value of Myocardial Blood Flow Reserve

CALNON, Dennis A

OhioHealth Heart And Vascular Physicians / USA

Current and Novel Multimodality Imaging Approach in Nuclear Cardiology

FUKUSHIMA, Kenji

Fukushima Medical University / Japan

WFNMB Symposium 4 [AI in Nuclear Medicine]

Time: 15:45:00 - 17:15:00 (JST)

Room 1 (Main Hall, International Conference Center, Kyoto)

Chairs:

OKIZAKI, Atsutaka / Asahikawa Medical University / Japan

CHOI, Hongyoon / Seoul National University Hospital / South Korea

Speakers:

The Potential of Artificial Intelligence in Nuclear Medicine Imaging and Therapy

SHI, Kuangyu

University of Bern / Switzerland

AI-Driven Image Generation and Correction Techniques for PET and SPECT

SEO, Youngho

University of California, San Francisco / USA

How should nuclear medicine specialists collaborate with AI?

HIRATA, Kenji

Hokkaido University / Japan

Fukushima Session

Time: 17:30:00 - 18:30:00 (JST)

Room 1 (Main Hall, International Conference Center, Kyoto)

Chairs:

YAMASHITA, Shunichi / Fukushima Medical University / Japan

SHIGA, Tohru / Fukushima Medical University / Japan

Speakers:

Introduction

YAMASHITA, Shunichi

Fukushima Medical University / Japan

Manufacturing of At-211 using Cyclotron

WASHIYAMA, Kohshin

Fukushima Medical University / Japan

Synthesis of At-211 MABG

TAKAHASHI, Kazuhiro

Fukushima Medical University / Japan

Integrated Radiation Therapy including At-211 alpha Nuclear Medicine Therapy

SUZUKI, Yoshiyuki

Fukushima Medical University / Japan

WFNMB Technology Fundamental Lecture 1

Time: 08:00 - 09:00 (JST)

Room 2 (Annex 1, International Conference Center Kyoto, Annex)

Chair:

BUEHNER, Tina M. / GE Healthcare / USA

Speaker:

An Overview of Theranostics – Current and Future Directions

BAILEY, Elizabeth

Royal North Shore Hospital / Australia

Read with Experts: Nerology

Time: 14:00:00 - 15:30:00 (JST)

Room 2 (Annex 1, International Conference Center Kyoto, Annex)

Chairs:

SHIMOSEGAWA, Eku / Osaka University Graduate School Of Medicine/Japan

SONG, Yoo Sung / Seoul National University Bundang Hospital / South Korea

Speakers:

THIENTUNYAKIT, Tanyaluck / Faculty of Medicine Siriraj Hospital / Thailand

HUANG, Vincent Wen-sheng / Cheng Hsin General Hospital / Taiwan

IMABAYASHI, Etsuko / National Institutes for Quantum Science And
Technology/ Japan

Read with Experts: Technology

Time: 15:45- 17:15 (JST)

Room 2 (Annex 1, International Conference Center Kyoto, Annex)

Chairs:

YANG, Bang-Hung / Taipei Veterans General Hospital / Taiwan

YAMAMOTO, Tomoaki / Kyorin University / Japan

Speakers:

KAMIYA, Takashi / Osaka University Hospital / Japan

KHAMWAN, Kitiwat / Chulalongkorn University / Thailand

AMPA PET

Time: 17:30:00 - 18:30:00 (JST)

Room 2 (Annex 1, International Conference Center Kyoto, Annex)

Chair:

KIMURA, Yuichi / Kindai University / Japan

Speaker:

Translational medicine with the PET tracer for glutamate AMPA receptor

TAKAHASHI, Takuya

Yokohama City University, Graduate School Of Medicine / Japan

Diagnosis of Hybrid Imaging

Time: 08:00:00 - 09:00:00 (JST)

Room 3 (Annex 2, International Conference Center Kyoto, Annex)

Chair:

HATAZAWA, Jun

Japan Radioisotope Association / Japan

Speakers:

F-18 fluoro-borono-phenylalanine (FBPA) PET/CT to differentiate between malignant tumors and inflammation

HATAZAWA, Jun

Japan Radioisotope Association / Japan

The incremental role of hybrid imaging in the diagnosis of infection/inflammation and neoplasia of the genito-urinary system

SEN, Ishita Barat

Fortis Memorial Research Institute, Gurugram, India / India

Differentiation of Pulmonary Infection/Inflammation from Malignancy on Hybrid PET-CT Imaging

SHARMA, Punit

Apollo Multispecialty Hospital / India

Dynamics of hybrid imaging in differentiating malignancy from infection/inflammation

SOLAV, Shrikant Vasantryao
Spectlab / India

Phronesis and Philosophy of Theranostic Cancer Care

Time: 09:30 - 10:30 (JST)

Room 3 (Annex 2, International Conference Center Kyoto, Annex)

Chair:

LEE, Sze Ting / Austin Health, Heidelberg / Australia

Speaker:

Phronesis and Philosophy of Theranostic Cancer Care

TURNER, J Harvey

University Of Western Australia / Australia

WFNMB Technology Symposium 3 [Standardization efforts for PET/CT]

Time: 14:00:00 - 15:30:00 (JST)

Room 3 (Annex 2, International Conference Center Kyoto, Annex)

Chairs:

GILMORE, C. David / MCPHS University / USA

SANTOS, Andrea / Hospital Cuf Descobertas / Portugal

Speakers:

Standardisation Efforts for PET/CT

PATHMARAJ, Kunthi

Austin Health / Australia

Japanese activities for standardization of quantitative PET imaging

AKAMATSU, Go

National Institutes for Quantum Science and Technology (QST) / Japan

WHO-WFNMB Session

Time: 17:30:00 - 18:30:00 (JST)

Room 3 (Annex 2, International Conference Center Kyoto, Annex)

Chair:

PRIOR, John O. / World Federation Of Nuclear Medicine And Biology /

Switzerland

Speakers:

WHO mandate and global partnership

VAN DEVENTER, Emilie

World Health Organization / Switzerland

Areas of Collaboration: Radiation Protection in medical use of radiation

VAN DEVENTER, Emilie

World Health Organization / Switzerland

Areas of Collaboration: Radiopharmaceuticals in the International Pharmacopoeia

SCHMIDT, Herbert

World Health Organization /

Areas of Collaboration: Access to nuclear medicine technologies and priority medical devices

VELAZQUEZ, Adriana

World Health Organization / Switzerland

Areas of Collaboration: Enhancing patient safety in nuclear medicine: the Global Patient Safety Action Plan

GUPTA, Nikhil

World Health Organization / Switzerland

Round-Table: How can WFNMB support WHO in its mandate?

URBAIN, Jean-Luc

WFNMB / USA

The total-body PET experience

Time: 17:30 - 18:30 (JST)

Room 3 (Room A, 2F, International Conference Center Kyoto)

Chairs:

SENDA, Michio / Kobe City Medical Center General Hospital / Japan

BAILEY, Dale / University of Sydney / Australia

Speakers:

From whole-body to total-body PET: Past and present

BEYER, Thomas

Medical University Vienna, Austria

Clinically-viable TB-PET: Flexibility for your patients

SHI, Hongcheng

Fudan University / China

Flexing TB-PET: On the flexibilities of this new imaging technology

BAILEY, Dale

University of Sydney / Australia

10 September 2022

IAEA Session 1 [Socio-Economics]

Time: 08:00:00 - 09:00:00 (JST)

Room 1 (Main Hall, International Conference Center, Kyoto)

Chairs:

YAMANE, Tomohiko / Kobe City Medical Center General Hospital / Japan

SCOTT, Andrew Mark / Austin Health, and Olivia Newton-John Cancer Research
Institute / Australia

Speakers:

Changes in the global impact of COVID-19 on nuclear medicine departments during
2020: an international follow-up survey

GIAMMARILE, Francesco Giammarile

International Atomic Energy Agency - Vienna / Austria

Socio-economic challenges in nuclear medicine imaging and theranostics in South
Africa

LOUW, Lizette

Center Of Molecular Imaging And Theranostics, South Africa / South Africa

Health and Economic Impact of Improving Access and Availability of Nuclear
Medicine for Cancer Patients

SCOTT, Andrew Mark

Austin Health, and Olivia Newton-John Cancer Research Institute / Australia

Plenary Lecture 4

Time: 09:15:00 - 10:15:00 (JST)

Room 1 (Main Hall, International Conference Center, Kyoto)

Chairs:

HOSONO, Makoto / Kindai University Faculty of Medicine / Japan

FUJII, Hirofumi / National Cancer Center / Japan

Speakers:

Near infrared photoimmunotherapy of cancer

KOBAYASHI, Hisataka

National Cancer Institute / USA

PET Imaging in Pediatric Epilepsy: Current Status and Future Perspectives

ZHANG, Hong

Zhejiang University / China

WFNMB Symposium 5 [PET/MRI]

Time: 10:30:00 - 12:00:00 (JST)

Room 1 (Main Hall, International Conference Center, Kyoto)

Chairs:

OKAZAWA, Hidehiko / University Of Fukui / Japan

NOGAMI, Munenobu / Kobe University Hospital / Japan

Speakers:

Clinical PET/MRI: Advantages of Multimodality Imaging

PATRICK, Veit-Haibach

University Health Network / Canada

Clinical lessons learnt from >5000 PET/MRIs

HERRMANN, Ken

Uk Essen / Germany

Age-related changes in cerebral blood flow, glucose metabolism, and amyloid plaques density in AD signature regions and default mode network of healthy subjects: A PET/MRI fusion imaging study

VAFAEE, Manouchehr Seyed

University Of Southern Denmark / Denmark

Measurement of cerebral circulation and oxygen metabolism using integrated PET/MRI scanner with oxygen-15 labeled gases

ITO, Hiroshi

Fukushima Medical University / Japan

WFNMB Symposium 6 [Basic imaging]

Time: 14:00:00 - 15:30:00 (JST)

Room 1 (Main Hall, International Conference Center, Kyoto)

Chairs:

LI, Chun / The University of Texas MD Anderson Cancer Center / USA
NISHII, Ryuichi / National Institutes for Quantum Science and Technology
(QST) / Japan

Speakers:

Fibroblast activation protein-targeted theranostics in cancer research:
Improvement in the FAPI probe and FAP-targeted radionuclide therapy
CHEN, Haojun
The First Affiliated Hospital Of Xiamen University / China

ImmunoPET imaging with a bispecific antibody for EGFR and c-MET
MARQUEZ-NOSTRA, Bernadette
Yale University / USA

Integration of HER2 Affibody mediated specific imaging and radionuclide therapy
for HER2-positive tumors
YANG, Zhi
Beijing Cancer Hospital / China

Targeting cancer metabolism for radionuclide diagnostics, therapeutics, and
theranostics
MANNING, H. Charles
The University Of Texas Md Anderson Cancer Center / USA

WFNMB Symposium 7 [Imaging harmonization]

Time: 15:45:00 - 17:15:00 (JST)

Room 1 (Main Hall, International Conference Center, Kyoto)

Chair:

SENDA, Michio / Kobe City Medical Center General Hospital / Japan

Speakers:

Value and challenges of harmonization in whole-body FDG-PET
SENDA, Michio
Kobe City Medical Center General Hospital / Japan

The Survey Results of multicenter's PET/CT scanners in Korea

LEE, Ho-Young

Seoul / South Korea

Reproducible FDG-PET Imaging and SUV: A QIBA Approach

O'DONNELL, Kevin

Canon Medical Research USA, Inc. / USA

IAEA Session 2 [Educational challenges]

Time: 17:30:00 - 18:30:00 (JST)

Room 1 (Main Hall, International Conference Center, Kyoto)

Chair:

URBAIN, Jean-Luc / WFNMB / USA

Speakers:

Theranostics Radiopharmaceuticals: A New Challenging Educational Paradigm in Nuclear Medicine

URBAIN, Jean-Luc

WFNMB / USA

Importance of Theranostics Education and Training Requirements

LEE, Sze Ting

Austin Health / Australia

Challenges/gaps and educational opportunities in theranostic in Latin America

BERNAL, Patricia

Fundacion Santa Fe De Bogota / Colombia

Quantification in Nuclear Cardiology for Amyloidosis Diagnosis

Time: 08:00:00 - 09:00:00 (JST)

Room 2 (Annex 1, International Conference Center Kyoto, Annex)

Chair:

CHIKAMORI, Taishiro / Tokyo Medical University / Japan

Speakers:

How to quantitate cardiac ^{99m}Tc-diphosphonate by using SPECT-CZT in

transthyretinrelated (TTR) amyloidosis?

AGOSTINI, Denis

UNIVERSITY HOSPITAL / France

Potential Role of Sympathetic Nervous Imaging in the Diagnosis of Cardiac Amyloidosis

HIGUCHI, Takahiro

University Hospital Würzburg / Germany

WFNMB Technology Fundamental Lecture 3

Time: 09:15:00 - 10:15:00 (JST)

Room 2 (Annex 1, International Conference Center Kyoto, Annex)

Chair:

IIMORI, Takashi / Chiba University Hospital / Japan

Speakers:

Experience with PET/CT examination of previously infected patients with COVID-19

SAITO, Kaori

National Center For Global Health And Medicine / Japan

Technologist COVID-19 Impact Survey (SNMMI-TS)

CROSTHWAITE, Mark Howardq

Virginia Commonwealth University / USA

Read with Experts: Oncology

Time: 10:30 - 12:00 (JST)

Room 2 (Annex 1, International Conference Center Kyoto, Annex)

Chair:

NAKAMOTO, Yuji / Kyoto University / Japan

Speaker:

BUCK, Andreas / Würzburg University / Germany

WFNMB Technology Symposium 4 [Techniques for reduction of radiation exposure in NM field]

Time: 14:00:00 - 15:30:00 (JST)

Room 2 (Annex 1, International Conference Center Kyoto, Annex)

Chairs:

YAMAMOTO, Tomoaki / Kyorin University / Japan

CROSTHWAITE, Mark / Virginia Commonwealth University / USA

Speakers:

Techniques for reduction of radiation exposure in NM field

BUEHNER, Tina M.

GE Healthcare / USA

Techniques for reduction of radiation exposure in NM field

PIETRZAK, Agata Karolina

Poznan University Of Medical Sciences / Poland

WFNMB Technology Symposium 5 [Nuclear cardiology and future]

Time: 15:45:00 - 17:15:00 (JST)

Room 2 (Annex 1, International Conference Center Kyoto, Annex)

Chairs:

CURRIE, Geoff / Charles Sturt University / Australia

KIKUCHI, Akihiro / Hokkaido University / Japan

Speakers:

Nuclear Cardiology and the Future

GILMORE, C. David

MCPHS University / USA

Where is nuclear cardiology coming from and where is it going?

OKUDA, Koichi

Kanazawa Medical University / Japan

Quantification in Nuclear Cardiology for CAD Diagnosis

Time: 17:30:00 - 18:30:00 (JST)

Room 2 (Annex 1, International Conference Center Kyoto, Annex)

Chair:

NAKAJIMA, Kenichi / Kanazawa University / Japan

Speakers:

TBC

AGOSTINI, Denis

UNIVERSITY HOSPITAL / France

Quantification in nuclear cardiology for CAD diagnosis

PRIOR, John O.

World Federation Of Nuclear Medicine And Biology (wfnmb) / Switzerland

WFNMB Technology Fundamental Lecture 2

Time: 08:00:00 - 09:00:00 (JST)

Room 3 (Annex 2, International Conference Center Kyoto, Annex)

Chair:

MIWA, Kenta / Fukushima Medical University / Japan

Speaker:

The role of nuclear medicine technologists in handling of radiopharmaceuticals

SANTOS, Andrea

Hospital Cuf Descobertas / Portugal

WFNMB Symposium 8 [TRT other than PSMA]

Time: 14:00:00 - 15:30:00 (JST)

Room 3 (Annex 2, International Conference Center Kyoto, Annex)

Chairs:

HIGASHI, Tatsuya / National Institutes For Quantum Science And Technology /
Japan

GIESEL, Frederik / University Hospital Düsseldorf / Germany

Speakers:

Cu-64 theranostic drugs invented in Japan: from basic studies to clinical trials

YOSHII, Yukie

National Institutes For Quantum Science And Technology / Japan

What comes next ? Theranostic beyond PSMA-ligands

GIESEL, Frederik

Heinrich-Heine-University / University Hospital Düsseldorf, Germany /

Novel Targets and Strategies for Improving Efficacy of Targeted Radionuclide Therapy

SCOTT, Andrew Mark

Austin Health, and Olivia Newton-John Cancer Research Institute / Australia

Nuclear Medicine & Neuroendocrine Tumours- The theragnostic story so far

GNANASEGARAN, Gopinath

Royal Free London NHS Foundation Trust / UK

ICPO Session

Time: 15:45:00 - 16:45:00 (JST)

Room 3 (Annex 2, International Conference Center Kyoto, Annex)

Chair:

BAUM, Richard P. / Curanosticum Wiesbaden-Frankfurt / Germany

Speakers:

The ICPO Foundation, how to grow Theranostics together

JAUME, Odile Snmml

ICPO Foundation / Germany

State-of-the-art Certified Education

LEE, Sze Ting

Austin Health / Australia

From Diagnostics to Therapy, the Korean (Long) Way

KANG, Keon Wook

Seoul National University / South Korea

Dosimetry for Theranostics

Time: 17:30:00 - 18:30:00 (JST)

Room 3 (Annex 2, International Conference Center Kyoto, Annex)

Chair:

BUCK, Andreas / Würzburg University / Germany

Speakers:

Quantitative SPECT/CT and PET/CT are prerequisites for dosimetry in theranostics

KNESAUREK, Karin

Icahn School Of Medicine at Mount Sinai / USA

A consideration on organ dose and dose conversion for radiopharmaceutical therapy

SAKASHITA, Tetsuya

National Institutes For Quantum Science And Technology / Japan

11 September 2022

Treatment Response Criteria in the Era of Cancer Immunotherapy 2

Time: 08:00:00 - 09:00:00 (JST)

Room 1 (Main Hall, International Conference Center, Kyoto)

Chair:

JADVAR Hossein University of Southern California USA

Speaker:

Development and Problems of Cancer Immunotherapy

TAKAYAMA, Koichi

Kyoto Prefectural University of Medicine / Japan

WFNMB Symposium 9 [Instruments]

Time: 09:15:00 - 10:45:00 (JST)

Room 1 (Main Hall, International Conference Center, Kyoto)

Chairs:

DAISAKI, Hiromitsu / Gunma Prefectural College of Health Sciences / Japan

IAGARU, Andrei / Stanford University / USA

Speakers:

SPECT at the Speed of PET

IAGARU, Andrei

Stanford University / USA

Clinical and Research Aspects of Total-Body PET

ROMINGER, Axel

University Of Bern / Switzerland

High-Resolution Time-of-flight PET System Dedicated to the Head and Breast

HANAOKA, Kohei

KINDAI University / Japan

Plenary Lecture 5

Time: 11:00 - 12:00 (JST)

Room 1 (Main Hall, International Conference Center, Kyoto)

Chairs:

SCOTT, Andrew Mark / Austin Health, and Olivia Newton-John Cancer Research Institute / Australia

LOUW, Lizette / Center Of Molecular Imaging And Theranostics / South Africa

Speaker:

Is the Rebirth of Nuclear Medicine Equitable Across the Planet?

URBAIN, Jean-Luc

WFNMB / USA

PSMA Theranostics

Time: 08:00:00 - 09:00:00 (JST)

Room 2 (Annex 1, International Conference Center Kyoto, Annex)

Chair:

KUMAR, Vijay / Westmead Hospital / Australia

Speaker:

PSMA Theranostics: Patient Selection and Imaging Biomarkers

HOFMAN, Michael

Peter MacCallum Cancer Centre / Australia

WFNMB Symposium 10 [Radionuclide production]

Time: 09:15:00 - 10:45:00 (JST)

Room 2 (Annex 1, International Conference Center Kyoto, Annex)

Chairs:

WASHIYAMA, Kohshin / Fukushima Medical University / Japan

KANG, Choong Mo / Korea Institute of Radiological & Medical Sciences / South Korea

Speakers:

Production and Application of Particle-Emitting Isotopes for Radiopharmaceutical Development

SCHAFFER, Paul

TRIUMF / Canada

The U.S. DOE Isotope Program: An Introduction and Brief Overview of Medically Relevant R&D Activities

BALKIN, Ethan

U.S Department of Energy / USA

IAEA contribution to the production and quality control of medical radioisotopes and radiopharmaceuticals

JALILIAN, Amirreza

International Atomic Energy Agency / Austria

Network for Optimized Astatine labeled Radiopharmaceuticals: the European 211-Astatine Community

GESTIN, Jean-François

Inserm / France

WFNMB Technology Fundamental Lecture 4

Time: 08:00:00 - 09:00:00 (JST)

Room 3 (Annex 2, International Conference Center Kyoto, Annex)

Chair:

YORK, Dusty / Chattanooga State Community College / USA

Speaker:

Fundamentals of Artificial Intelligence in Nuclear Medicine

CURRIE, Geoff

Charles Sturt University / Australia

WFNMB Symposium 11 [Radioiodine therapy for thyroid cancer]

Time: 09:15:00 - 10:45:00 (JST)

Room 3 (Annex 2, International Conference Center Kyoto, Annex)

Chairs:

BARRENECHEA, Emerita / Philippine Society Of Nuclear Medicine / Philippines

BABA, Shingo / Kyushu University / Japan

Speakers:

Radioactive iodine therapy for differentiated thyroid carcinoma; indications and limitations

ITO, Yasuhiro

Department of Clinical Trial, Kuma Hospital / Japan

Recent Updates of Molecular Targeted Treatment for Advanced Thyroid Cancer

KIYOTA, Naomi

Kobe University Hospital Cancer Center / Japan

Radioiodine therapy of differentiated thyroid cancer: Current status and future perspective

LEE, Jaetae

Kyungpook National University / South Korea