SNMMI NEWSLINE

2021 SNMMI Highlights Lecture: Oncology and Therapy, Part 2
Heiko Schöder

Commentary: NRC Rejects Petitions to End Reliance on LNT Model
Jeffry A. Siegel, Bill Sacks, and Bennett S. Greenspan

SNMMI Leadership Update: Advocating for Expanded Access
Richard Wahl

Newsbriefs

From the Literature

EDITOR’S PAGE

To Scan or Not to Scan: An Unnecessary Dilemma for PSMA Radioligand Therapy
Sandy Srinivas and Andrei Iagaru

PSMA Expression Assessed by PET Imaging Is a Required Biomarker for Selecting Patients for Any PSMA-Targeted Therapy
Jeremie Calais and Johannes Czernin

DISCUSSIONS WITH LEADERS

Perspectives on Theranostics and Nuclear Medicine
Andrew M. Scott and Johannes Czernin

THE STATE OF THE ART

Production and Supply of α-Particle–Emitting Radionuclides for Targeted α-Therapy

HOT TOPICS

Radionuclide Imaging of the Gut–Brain Axis in Parkinson Disease
Jacob Horsager, Karoline Knudsen, and Per Borghammer

FOCUS ON MOLECULAR IMAGING

Latest Advances in Imaging Oxidative Stress in Cancer
Hannah E. Greenwood and Timothy H. Witney

ONCOLOGY

Accuracy of 18F-Fluorocholine PET for the Detection of Parathyroid Adenomas: Prospective Single-Center Study

GRPr Antagonist 68Ga-SB3 PET/CT Imaging of Primary Prostate Cancer in Therapy-Naïve Patients

18F-FDG PET/MRI for Staging and Interim Response Assessment in Pediatric and Adolescent Hodgkin Lymphoma: A Prospective Study with 18F-FDG PET/CT as the Reference Standard

Interobserver Agreement on Automated Metabolic Tumor Volume Measurements of Deauville Score 4 and 5 Lesions at Interim 18F-FDG PET in Diffuse Large B-Cell Lymphoma

A Model System to Explore the Detection Limits of Antibody-Based Immuno-SPECT Imaging of Exclusively Intranuclear Epitopes
Mathew Veal, Gemma Dias, Veerle Kersemans, Deborah Sneddon, Stephen Faulkner, and Bart Cornelissen

PSMA- and GRPR-Targeted PET: Results from 50 Patients with Biochemically Recurrent Prostate Cancer
Lucia Baratto, Hong Song, Heying Duan, Negin Hatami, Hilary P. Bagshaw, Mark Buyyounouski, Steven Hancock, Sumit Shah, Sandy Srinivas, Patrick Swift, et al.

Early Injection of Furosemide Increases Detection Rate of Local Recurrence in Prostate Cancer Patients with Biochemical Recurrence Referred for 68Ga-PSMA-11 PET/CT
Christian Uprimny, Steffen Bayerschmidt, Alexander Stephan Kroiss, Josef Fritz, Bernhard Nilsa, Hanna Sviydenka, Clemens Dechrstoforno, Elisabeth von Guggenberg, Wolfgang Horninger, and Irene Johanna Virgolini

Semiautomatic Tumor Delineation for Evaluation of 64Cu-DOTATATE PET/CT in Patients with Neuroendocrine Neoplasms: Prognostication Based on Lowest Lesion Uptake and Total Tumor Volume
Esben Andreas Carlsen, Camilla Bardram Johnbeck, Mathias Lof, Andreas Pfeifer, Peter Ottuari, Seppo W. Langer, Ulrich Knigge, Claes Nørh Ladefoged, and Andreas Kjaer

Radionuclide Imaging of the Gut–Brain Axis in Parkinson Disease
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FEATURED ARTICLE OF THE MONTH. Surgical Feasibility, Determinants, and Overall Efficacy of Neoadjuvant 177Lu-DOTATATE PRRT for Locally Advanced Unresectable Gastroenteropancreatic Neuroendocrine Tumors
Rahul V. Parghane, Manish Bhandare, Vikram Chaunhdi, Vikas Ostwal, Anant Ramaswamy, Sanjay Talole, Shailesh V. Shrikhande, and Sandip Basu

Radionuclide Imaging of the Gut–Brain Axis in Parkinson Disease
Jacob Horsager, Karoline Knudsen, and Per Borghammer
First-in-Humans Study of the SSTR Antagonist 

\[ ^{177}\text{Lu-DOTA-LM3} \] for Peptide Receptor Radionuclide Therapy in Patients with Metastatic Neuroendocrine Neoplasms: Dosimetry, Safety, and Efficacy

Richard P. Baum, Jingjing Zhang, Christiane Schuchhardt, Dirk Müller, and Helmut Mäcke

CARDIOVASCULAR

Clinical

Quantitation of Poststress Change in Ventricular Morphology Improves Risk Stratification

Robert J.H. Miller, Tali Sharir, Yuka Otaki, Heidi Gransar, Joanna X. Liang, Andrew J. Einstein, Mathews B. Fish, Terrence D. Rudy, Philipp A. Kaufmann, Albert J. Sinusas, et al.

Metabolic Scar Assessment with \(^{18}\text{F-FDG PET: Correlation to Ischemic Ventricular Tachycardia Substrate and Successful Ablation Sites}


MOLECULAR IMAGING

Basic

Cyclic \(^{68}\text{Ga-Labeled Peptides for Specific Detection of Human Angiotensin-Converting Enzyme 2}

Matthew F.L. Parker, Joseph Blecha, Oren Rosenberg, Michael Ohliger, Robert R. Flavell, and David M. Wilson

SPECIAL CONTRIBUTION. Practical Guide for Interpreting and Reporting Cardiac PET Measurements of Myocardial Blood Flow: An Information Statement from the American Society of Nuclear Cardiology, and the Society of Nuclear Medicine and Molecular Imaging

Timothy M. Bateman, Gary V. Heider, Rob Beanlands, Dennis A. Calnon, James Case, Rob deKemp, E. Gordon DePuey, Marcelo Di Carli, Emel C. Guler, Venkatesh L. Murthy, et al.

RADIOBIOLOGY/DOSIMETRY

Clinical

Dose–Response and Dose–Toxicity Relationships for Glass \(^{90}\text{Y Radioembolization in Patients with Liver Metastases from Colorectal Cancer}


RADIOCHEMISTRY

Basic

Site-Specific and Residualizing Linker for \(^{18}\text{F Labeling with Enhanced Renal Clearance: Application to an Anti-HER2 Single-Domain Antibody Fragment}

Zhengyuan Zhou, Rebecca Meshaw, Michael R. Zalutsky, and Ganesan Vaidyanathan

LETTERS TO THE EDITOR

Effect of COVID-19 Lockdown on Oncologic Patients Undergoing Treatment at a Tertiary-Care Hospital in India

Jasim Jaleel, Althaf K. Majeed, Chandrasekhar Bal, and Rakesh Kumar

DEPARTMENTS

This Month in JNM