

SNMMI NEWSLINE

- 15N** SNMMI 2020 Annual Meeting—Virtual Edition
- 16N** Time for a Next-Generation Nuclear Medicine Gamma Camera?
I. George Zubal
- 17N** NCRP Issues Radiation Research Risk Guidance
- 18N** SNMMI Honors New Fellows for 2020
- 18N** 2020 Henkin Fellows Named
- 19N** SNMMI Leadership Update: Notes from the Top
Alan B. Packard
- 20N** Newsbriefs
- 22N** From the Literature

EDITOR'S PAGE

- 939** Unacceptable Denials
Johannes Czernin and Martin Allen-Auerbach

DISCUSSIONS WITH LEADERS

- 940** A Conversation Between Yasuhito Sasaki and Thomas Beyer
Thomas Beyer and Yasuhito Sasaki

CONTINUING EDUCATION

- 943** Imaging the Cancer Immune Environment and Its Response to Pharmacologic Intervention, Part 1: The Role of ^{18}F -FDG PET/CT
Amir Iravani and Rodney J. Hicks

THE STATE OF THE ART

- 951** The Changing Face of Nuclear Cardiology: Guiding Cardiovascular Care Toward Molecular Medicine
Rudolf A. Werner, James T. Thackeray, Johanna Diekmann, Desiree Weiberg, Johann Bauersachs, and Frank M. Bengel

HOT TOPICS

- 962** Impact of the ISCHEMIA Trial on Stress Nuclear Myocardial Perfusion Imaging
Venkatesh L. Murthy, Timothy M. Bateman, Wengen Chen, Saurabh Malhotra, Edward J. Miller, Terrence D. Ruddy, and Vasken Dilsizian

FOCUS ON MOLECULAR IMAGING

- 965** Molecular Imaging of Cardiac Amyloidosis
Ahmad Masri, Syed Bukhari, Yvonne S. Eisele, and Prem Soman

CARDIOVASCULAR

Clinical

- 971** ^{18}F -FDG PET/CT in Left-Ventricular Assist Device Infection: Initial Results Supporting the Usefulness of Image-Guided Therapy
Jan M. Sommerlath Sohns, Hannah Kröhn, Alexandra Schöde, Thorsten Derlin, Axel Haverich, Jan D. Schmitto, and Frank M. Bengel
- 977** ■ **BRIEF COMMUNICATION.** ^{11}C -Methionine PET Identifies Astroglia Involvement in Heart–Brain Inflammation Networking After Acute Myocardial Infarction
Pablo Bascuñana, Annika Hess, Tobias Borchert, Yong Wang, Kai C. Wollert, Frank M. Bengel, and James T. Thackeray

ONCOLOGY

Clinical

- 981** Head-to-Head Prospective Comparison of Quantitative Lung Scintigraphy and Segment Counting in Predicting Pulmonary Function in Lung Cancer Patients Undergoing Video-Assisted Thoracoscopic Lobectomy
Elite Arnon-Sheleg, Ori Haberfeld, Ran Kremer, Zohar Keidar, and Michal Weiler-Sagie
- 990** Comparison Between ^{18}F -FDG PET–Based and CT–Based Criteria in Non–Small Cell Lung Cancer Patients Treated with Nivolumab
Giovanni Rossi, Matteo Bauckneht, Carlo Genova, Erika Rijavec, Federica Biello, Simone Mennella, Maria Giovanna Dal Bello, Giuseppe Cittadini, Paolo Bruzzi, Roberta Piva, et al.
- 999** Combined Visual and Semiquantitative Evaluation Improves Outcome Prediction by Early Midtreatment ^{18}F -FDG PET in Diffuse Large B-Cell Lymphoma
Tamás Györke, Robert Carr, Juliano J. Cerci, Claudio Meneghetti, Francisca Redondo, Monica Celli, Charity Gorospe, Chirayu U. Auewarakul, Linda Jorgov, Diana Paez, et al.

Basic

- 1006** Early Detection in a Mouse Model of Pancreatic Cancer by Imaging DNA Damage Response Signaling
James C. Knight, Julia Bagaña Torres, Robert Goldin, Michael Mosley, Gemma M. Dias, Luisa Contreras Bravo, Veerle Kersemans, P. Danny Allen, Somnath Mukherjee, Sean Smart, et al.

THERANOSTICS

Clinical

- 1014** Inflammation-Based Index and ^{68}Ga -DOTATOC PET–Derived Uptake and Volumetric Parameters Predict Outcome in Neuroendocrine Tumor Patients Treated with ^{90}Y -DOTATOC
Elin Pauwels, Sofie Van Binnebeek, Vincent Vandecaveye, Kristof Baete, Hubert Vanbilloen, Michel Koole, Felix M. Mottaghy, Karin Haustermans, Paul M. Clement, Kristiaan Nackaerts, et al.
- 1021** Quantitative 3D Assessment of ^{68}Ga -DOTATOC PET/MRI with Diffusion-Weighted Imaging to Assess Imaging Markers for Gastroenteropancreatic Neuroendocrine Tumors: Preliminary Results
Lisa C. Adams, Keno K. Bressemer, Julia Brangsch, Carolin Reimann, Kristin Nowak, Winfried Brenner, and Marcus R. Makowski

1028 ■ INVITED PERSPECTIVE. Will SPECT/CT Cameras Soon Be Able to Display Absorbed Doses? Dosimetry from Single-Activity-Concentration Measurements

Heribert Hänscheid and Michael Lassmann

1030 ■ FEATURED CLINICAL INVESTIGATION ARTICLE. Radiation Dosimetry in ¹⁷⁷Lu-PSMA-617 Therapy Using a Single Posttreatment SPECT/CT Scan: A Novel Methodology to Generate Time- and Tissue-Specific Dose Factors

Price A. Jackson, Michael S. Hofman, Rodney J. Hicks, Mark Scalzo, and John Violet

1037 Mapping Prostate Cancer Lesions Before and After Unsuccessful Salvage Lymph Node Dissection Using Repeat PSMA PET

Andrea Farolfi, Harun Ilhan, Andrei Gafita, Jeremie Calais, Francesco Barbato, Manuel Weber, Ali Afshar-Oromieh, Fabian Spohn, Axel Wetter, Christoph Rischpler, et al.

NEUROLOGY

Clinical

1043 Individual Mapping of Innate Immune Cell Activation Is a Candidate Marker of Patient-Specific Trajectories of Worsening Disability in Multiple Sclerosis

Benedetta Bodini, Emilie Poirion, Matteo Tonietto, Charline Benoit, Raffaele Palladino, Elisabeth Maillart, Erika Portera, Marco Battaglini, Geraldine Bera, Bertrand Kuhnast, et al.

Basic

1050 Imaging P-Glycoprotein Induction at the Blood-Brain Barrier of a β -Amyloidosis Mouse Model with ¹¹C-Metoclopramide PET

Viktoria Zoufal, Severin Mairinger, Mirjam Brackhan, Markus Krohn, Thomas Filip, Michael Sauberer, Johann Stanek, Thomas Wanek, Nicolas Tournier, Martin Bauer, et al.

RADIONUCLIDE THERAPY

Basic

1058 ■ FEATURED ARTICLE OF THE MONTH. ²¹²Pb α -Radioimmunotherapy Targeting CD38 in Multiple Myeloma: A Preclinical Study

Isabelle Quelven, Jacques Monteil, Magali Sage, Amal Saidi, Jérémy Mounier, Audrey Bayout, Julie Garrier, Michel Cogne, and Stéphanie Durand-Panteix

ENDOCRINOLOGY

Basic

1066 Targeted Optical Imaging of the Glucagonlike Peptide 1 Receptor Using Exendin-4-IRDye 800CW

Marti Boss, Desiree Bos, Cathelijne Frielink, Gerwin Sandker, Selen Ekim, Camille Marciniak, Francois Pattou, Go van Dam, Sanne van Lith, Maarten Brom, et al.

RADIOCHEMISTRY

Basic

1072 Light-Induced Radiosynthesis of ⁸⁹Zr-DFO-Azepin-Onartuzumab for Imaging the Hepatocyte Growth Factor Receptor

Simon Klingler, Rachael Fay, and Jason P. Holland

MOLECULAR IMAGING

Basic

1079 Label-Free Visualization of Early Cancer Hepatic Micrometastasis and Intraoperative Image-Guided Surgery by Photoacoustic Imaging

Qian Yu, Shanshan Huang, Zhiyou Wu, Jiadi Zheng, Xiaoyuan Chen, and Liming Nie

DEPARTMENTS

14A This Month in JNM

1071 Erratum

1078 Erratum