

## SNMMI NEWSLINE

- 11N** SNMMI Leadership Update: Regulatory and Legislative Issues: SNMMI at Work  
Vasken Dilsizian
- 12N** Letter to the Editor:  $^{68}\text{Ga}$ -PSMA Ligand as Potential  $^{99\text{m}}\text{Tc}$ -DMSA Alternative  
Ismet Sarikaya
- 13N** Newsbriefs
- 15N** From the Literature
- 18N** Notification of Proposed SNMMI Bylaws Changes  
James M. Woolfenden

## DISCUSSIONS WITH LEADERS

- 1495** A Conversation Between Uwe Haberkorn and Johannes Czernin  
Uwe Haberkorn and Johannes Czernin

## EDITORIAL

- 1499** Comments Re: Draft Regulatory Guide for Release of Patients Administered Radioactive Material Docket ID NRC-2019-0154  
Jeffrey A. Siegel
- 1500** There Is No Association of Radioactive Iodine Treatment with Cancer Mortality in Patients with Hyperthyroidism  
Bennett S. Greenspan, Jeffrey A. Siegel, Aamna Hassan, and Edward B. Silberstein

## HOT TOPICS

- 1502** Radioactive Iodine Treatment and Cancer Mortality in Hyperthyroid Patients: Questioning Standard Clinical Practice Requires Indisputable Scientific Data  
Wengen Chen and Vasken Dilsizian

## THE STATE OF THE ART

- 1504** Is the Vision of Radioligand Therapy for Prostate Cancer Becoming a Reality? An Overview of the Phase III VISION Trial and Its Importance for the Future of Theranostics  
Kambiz Rahbar, Lisa Bodei, and Michael J. Morris

## CONTINUING EDUCATION

- 1507** Quantitative Clinical Nuclear Cardiology, Part 1: Established Applications  
Ernest V. Garcia, Piotr Slomka, Jonathan B. Moody, Guido Germano, and Edward P. Ficaro

## ONCOLOGY

### Clinical

- 1517** ■ **FEATURED ARTICLE OF THE MONTH.** Imaging Patients with Metastatic Castration-Resistant Prostate Cancer Using  $^{89}\text{Zr}$ -DFO-MSTP2109A Anti-STEAP1 Antibody  
Jorge A. Carrasquillo, Bernard M. Fine, Neeta Pandit-Taskar, Steven M. Larson, Stephen E. Fleming, Josef J. Fox, Sarah M. Cheal, Joseph A. O'Donoghue, Shutian Ruan, Govind Ragupathi, et al.
- 1524** Prediction of Time to Hormonal Treatment Failure in Metastatic Castration-Sensitive Prostate Cancer with  $^{18}\text{F}$ -FDG PET/CT  
Hossein Jadvar, Erik M. Velez, Bhushan Desai, Lingyun Ji, Patrick M. Colletti, and David I. Quinn
- 1531**  $^{18}\text{F}$ -Fluciclovine Parameters on Targeted Prostate Biopsy Associated with True Positivity in Recurrent Prostate Cancer  
Olayinka A. Abiodun-Ojo, Akinyemi A. Akintayo, Oladunni O. Akin-Akintayo, Funmilayo I. Tade, Peter T. Nieh, Viraj A. Master, Mehrdad Alemozaffar, Adeboye O. Osunkoya, Mark M. Goodman, Baowei Fei, et al.
- 1537**  $^{18}\text{F}$ -FDG PET/MRI for Therapy Response Assessment of Isolated Limb Perfusion in Patients with Soft-Tissue Sarcomas  
Johannes Grueneisen, Benedikt Schaarschmidt, Aydin Demircioglu, Michal Chodyla, Ole Martin, Stefanie Bertram, Axel Wetter, Sebastian Bauer, Wolfgang Peter Fendler, Lars Podleska, et al.
- 1543** ■ **INVITED PERSPECTIVE.** The Dark Side of Radiomics: On the Paramount Importance of Publishing Negative Results  
Irène Buvat and Fanny Orlhac
- 1545** Metabolic Biomarker-Based BRAFV600 Mutation Association and Prediction in Melanoma  
Hanna Saadani, Bernies van der Hiel, Else A. Aalbersberg, Ioannis Zavrakidis, John B.A.G. Haanen, Otto S. Hoekstra, Ronald Boellaard, and Marcel P.M. Stokkel
- 1553** Accuracy of  $^{18}\text{F}$ -FDG PET/CT in Predicting Residual Disease After Neoadjuvant Chemoradiotherapy for Esophageal Cancer  
Maria J. Valkema, Bo Jan Noordman, Bas P.L. Wijnhoven, Manon C.W. Spaander, Katharina Biermann, Sjoerd M. Lagarde, Roel J. Bennink, Wendy M.J. Schreurs, Mark J. Roef, Monique G.G. Hobbelenk, et al.
- 1560**  $^{18}\text{F}$ -FDG PET/CT Is an Early Predictor of Pathologic Tumor Response and Survival After Preoperative Radiochemotherapy with Bevacizumab in High-Risk Locally Advanced Rectal Cancer  
Antonio Avallone, Luigi Aloj, Biagio Pecori, Corradina Caracò, Alfonso De Stefano, Fabiana Tatangelo, Lucrezia Silvestro, Vincenza Granata, Francesco Bianco, Carmela Romano, et al.
- ### Basic
- 1569** Temporal Modulation of HER2 Membrane Availability Increases Pertuzumab Uptake and Pretargeted Molecular Imaging of Gastric Tumors  
Patrícia M.R. Pereira, Komal Mandleywala, Ashwin Ragupathi, Lukas M. Carter, Jeroen A.C.M. Goos, Yelena Y. Janjigian, and Jason S. Lewis

## THERANOSTICS

### Clinical

**1579** <sup>177</sup>Lu-PSMA-617 Radioligand Therapy in Metastatic Castration-Resistant Prostate Cancer Patients with a Single Functioning Kidney

Jingjing Zhang, Harshad R. Kulkarni, Aviral Singh, Christiane Schuchardt, Karin Niepsch, Thomas Langbein, and Richard P. Baum

**1587** A Prospective Study on <sup>18</sup>F-DCFPyL PSMA PET/CT Imaging in Biochemical Recurrence of Prostate Cancer

Etienne Rousseau, Don Wilson, Frédéric Lacroix-Poisson, Andra Krauze, Kim Chi, Martin Gleave, Michael McKenzie, Scott Tyldesley, S. Larry Goldenberg, and François Bénard

### Basic

**1594** ■ **FEATURED BASIC SCIENCE ARTICLE.** Impact of <sup>18</sup>F-PSMA-1007 Uptake in Prostate Cancer Using Different Peptide Concentrations: Preclinical PET/CT Study on Mice

Fumihiko Soeda, Tadashi Watabe, Sadahiro Naka, Yuwei Liu, Genki Horitsugi, Oliver C. Neels, Klaus Kopka, Mitsuaki Tatsumi, Eku Shimosegawa, Frederik L. Giesel, et al.

**1600** Recombinant  $\alpha_1$ -Microglobulin Is a Potential Kidney Protector in <sup>177</sup>Lu-Octreotate Treatment of Neuroendocrine Tumors

Charlotte K. Andersson, Emman Shubbar, Emil Schöler, Bo Åkerström, Magnus Gram, and Eva B. Forssell-Aronsson

## ENDOCRINOLOGY

### Clinical

**1605** Dual-Time-Point <sup>18</sup>F-Fluorocholine PET/CT in Parathyroid Imaging

Wouter A.M. Broos, Maurits Wondergem, Friso M. van der Zant, and Remco J.J. Knol

## NEUROLOGY

### Clinical

**1611** Progressive Tau Accumulation in Alzheimer Disease: 2-Year Follow-up Study

Hanna Cho, Jae Yong Choi, Hye Sun Lee, Jae Hoon Lee, Young Hoon Ryu, Myung Sik Lee, Clifford R. Jack, Jr., and Chul Hyoung Lyoo

## RADIOCHEMISTRY

### Basic

**1622** Preclinical Characterization of <sup>86/90</sup>Y-NM600 in a Variety of Murine and Human Cancer Tumor Models

Joseph J. Grudzinski, Reinier Hernandez, Ian Marsh, Ravi B. Patel, Eduardo Aluicio-Sarduy, Jon Engle, Zachary Morris, Bryan Bednarz, and Jamey Weichert

## MOLECULAR IMAGING

### Basic

**1629** Comparison of Static and Dynamic <sup>18</sup>F-FDG PET/CT for Quantification of Pulmonary Inflammation in Acute Lung Injury

Anja Braune, Frank Hofheinz, Thomas Bluth, Thomas Kiss, Jakob Wittenstein, Martin Scharffenberg, Jörg Kotzerke, and Marcelo Gama de Abreu

**1635** Blocking of Glucagonlike Peptide-1 Receptors in the Exocrine Pancreas Improves Specificity for  $\beta$ -Cells in a Mouse Model of Type 1 Diabetes

Eshita Khera, Liang Zhang, Sheryl Roberts, Ian Nessler, Darleen Sandoval, Thomas Reiner, and Greg M. Thurber

## PHYSICS AND INSTRUMENTATION

**1642** Improving <sup>68</sup>Ga-PSMA PET/MRI of the Prostate with Unrenormalized Absolute Scatter Correction

Maike E. Lindemann, Nika Guberina, Axel Wetter, Wolfgang P. Fendler, Bjoern Jakoby, and Harald H. Quick

**1649** A Quantitative Evaluation of Joint Activity and Attenuation Reconstruction in TOF PET/MR Brain Imaging

Ahmadreza Rezaei, Georg Schramm, Stefanie M.A. Willekens, Gaspar Delso, Koen Van Laere, and Johan Nuyts

## DEPARTMENTS

**7A** Recruitment

**10A** This Month in JNM

**1648** Errata