

## SNMMI NEWSLINE

- 11N** SNMMI Honors Contributors, Recognizes Scientific Excellence at 2022 Annual Meeting
- 14N** SNMMI Leadership Update: Full Steam Ahead for Nuclear Medicine Therapy  
Munir Ghesani
- 16N** Newsbriefs
- 19N** From the Literature

## DISCUSSIONS WITH LEADERS

- 1285** A Life in Nuclear Medicine in Israel: A Conversation Between Ora Israel and Johannes Czernin  
Ora Israel and Johannes Czernin

## THE STATE OF THE ART

- 1288** Nuclear Medicine and Artificial Intelligence: Best Practices for Evaluation (the RELAINCE Guidelines)  
Abhinav K. Jha, Tyler J. Bradshaw, Irène Buvat, Mathieu Hatt, Prabhat KC, Chi Liu, Nancy F. Obuchowski, Babak Saboury, Piotr J. Slomka, John J. Sunderland, et al.

## HOT TOPICS

- 1300** Choice Is Good at Times: The Emergence of [<sup>64</sup>Cu]Cu-DOTATATE-Based Somatostatin Receptor Imaging in the Era of [<sup>68</sup>Ga]Ga-DOTATATE  
Abhishek Jha, Mayank Patel, Jorge A. Carrasquillo, Clara C. Chen, Corina Millo, Roberto Maass-Moreno, Alexander Ling, Frank I. Lin, Ronald M. Lechan, Thomas A. Hope, et al.

## CONTINUING EDUCATION

- 1302** Pretargeting: A Path Forward for Radioimmunotherapy  
Sarah M. Cheal, Sebastian K. Chung, Brett A. Vaughn, Nai-Kong V. Cheung, and Steven M. Larson

## FOCUS ON MOLECULAR IMAGING

- 1316** Antibody Engineering for Nuclear Imaging and Radioimmunotherapy  
Cindy Rodriguez, Samantha Delaney, Samantha M. Sarrett, Outi M. Keinänen, and Brian M. Zeglis

## EDITORIAL

- 1323** Radionuclide Evaluation of Brain Death in the Post-McMath Era: Epilogue and Enigmata  
Lionel S. Zuckier

## THERANOSTICS

### Clinical

- 1326** Targeted  $\alpha$ -Emitter Therapy with <sup>212</sup>Pb-DOTAMTATE for the Treatment of Metastatic SSTR-Expressing Neuroendocrine Tumors: First-in-Humans Dose-Escalation Clinical Trial  
Ebrahim S. Delpassand, Izabela Tworowska, Rouzbeh Esfandiari, Julien Torgue, Jason Hurt, Afshin Shafie, and Rodolfo Núñez
- 1334** Utility of <sup>18</sup>F-rhPSMA-7.3 PET for Imaging of Primary Prostate Cancer and Preoperative Efficacy in N-Staging of Unfavorable Intermediate- to Very High-Risk Patients Validated by Histopathology  
Thomas Langbein, Hui Wang, Isabel Rauscher, Markus Kroenke, Karina Knorr, Alexander Wurzer, Kristina Schwamborn, Tobias Maurer, Thomas Horn, Bernhard Haller, et al.
- 1343** Changes in Management After <sup>18</sup>F-DCFPyL PSMA PET in Patients Undergoing Postprostatectomy Radiotherapy, with Early Biochemical Response Outcomes  
Michael Ng, Mario Guerrieri, Lih Ming Wong, Kim Taubman, Tom Sutherland, Angela Benson, Graeme Byrne, Sam Koschel, Kelvin Yap, Michelle Starmans, et al.
- 1349** Radiation Protection and Occupational Exposure on <sup>68</sup>Ga-PSMA-11-Based Cerenkov Luminescence Imaging Procedures in Robot-Assisted Prostatectomy  
Pedro Fragoso Costa, Wolfgang P. Fendler, Ken Herrmann, Patrick Sandach, Hong Grafe, Maarten R. Grootendorst, Lukas Püllen, Claudia Kesch, Ulrich Krafft, Jan P. Radtke, et al.

### Basic

- 1357** Administration Routes for SSTR-/PSMA- and FAP-Directed Theranostic Radioligands in Mice  
Jasmin M. Klose, Jasmin Wosniack, Janette Iking, Magdalena Staniszewska, Fadi Zarrad, Marija Trajkovic-Arsic, Ken Herrmann, Pedro Fragoso Costa, Katharina Lueckerath, and Wolfgang P. Fendler
- 1364** ■ **FEATURED BASIC SCIENCE ARTICLE.** Substitution of L-Tryptophan by  $\alpha$ -Methyl-L-Tryptophan in <sup>177</sup>Lu-RM2 Results in <sup>177</sup>Lu-AMTG, a High-Affinity Gastrin-Releasing Peptide Receptor Ligand with Improved In Vivo Stability  
Thomas Günther, Sandra Deiser, Veronika Felber, Roswitha Beck, and Hans-Jürgen Wester

## ONCOLOGY

### Clinical

- 1371** Prospective Phase II Trial of Prognostication by <sup>68</sup>Ga-NOTA-AE105 uPAR PET in Patients with Neuroendocrine Neoplasms: Implications for uPAR-Targeted Therapy  
Esben Andreas Carlsen, Mathias Loft, Annika Loft, Anne Kiil Berthelsen, Seppo W. Langer, Ulrich Knigge, and Andreas Kjaer

### 1378 <sup>18</sup>F-FDG PET/CT–Based Prognostic Survival Model After Surgery for Head and Neck Cancer

Gwenaëlle Creff, Franck Jegoux, Xavier Palard, Adrien Depeursinge, Ronan Abgral, Remi Marianowski, Jean-Christophe Leclere, Thomas Eugene, Olivier Malard, Renaud De Crevoisier, et al.

## Translational

### 1386 Interrogating Glioma-Associated Microglia and Macrophage Dynamics Under CSF-1R Therapy with Multitracer In Vivo PET/MRI

Claudia Foray, Cristina Barca, Alexandra Winkeler, Stefan Wagner, Sven Hermann, Michael Schäfers, Oliver M. Grauer, Bastian Zinnhardt, and Andreas H. Jacobs

## Basic

### 1394 <sup>68</sup>Ga-DOTA-NT-20.3 Neurotensin Receptor 1 PET Imaging as a Surrogate for Neuroendocrine Differentiation of Prostate Cancer

Wenyu Wu, Fei Yu, Pengjun Zhang, Ting Bu, Jingjing Fu, Shuyue Ai, Qinqin You, Liang Shi, Guoqiang Shao, Feng Wang, et al.

### 1401 Molecular Imaging of Neuroendocrine Prostate Cancer by Targeting Delta-Like Ligand 3

Joshua A. Korsen, Teja M. Kalidindi, Samantha Khitrov, Zachary V. Samuels, Goutam Chakraborty, Julia A. Gutierrez, John T. Poirier, Charles M. Rudin, Yu Chen, Michael J. Morris, et al.

## NEUROLOGY

## Basic

### 1408 Short-Term Colony-Stimulating Factor 1 Receptor Inhibition–Induced Repopulation After Stroke Assessed by Longitudinal <sup>18</sup>F-DPA-714 PET Imaging

Cristina Barca, Amanda J. Kiliaan, Lydia Wachsmuth, Claudia Foray, Sven Hermann, Cornelius Faber, Michael Schäfers, Maximilian Wiesmann, Bastian Zinnhardt, and Andreas H. Jacobs

## CARDIOVASCULAR

## Clinical

### 1415 ■ FEATURED ARTICLE OF THE MONTH. Cardiac Fibroblast Activation in Patients Early After Acute Myocardial Infarction: Integration with MR Tissue Characterization and Subsequent Functional Outcome

Johanna Diekmann, Tobias Koenig, James T. Thackeray, Thorsten Derlin, Christoph Czerner, Jonas Neuser, Tobias L. Ross, Andreas Schäfer, Jochen Tillmanns, Johann Bauersachs, et al.

## AI/ADVANCED IMAGE ANALYSIS

### 1424 The Impact of Semiautomatic Segmentation Methods on Metabolic Tumor Volume, Intensity, and Dissemination Radiomics in <sup>18</sup>F-FDG PET Scans of Patients with Classical Hodgkin Lymphoma

Julia Driessen, Gerben J.C. Zwezerijnen, Heiko Schöder, Esther E.E. Drees, Marie José Kersten, Alison J. Moskowitz, Craig H. Moskowitz, Jakoba J. Eertink, Henrica C.W. de Vet, Otto S. Hoekstra, et al.

## ENDOCRINOLOGY

## Clinical

### 1431 ■ INVITED PERSPECTIVE. <sup>18</sup>F-FDG Uptake in Brown Adipose Tissue After Exposure to the Cold: From Possible Pitfall in Early PET Scans to Metabolic Biomarker

Paola A. Erba, Andrea Natali, H. William Strauss, and Giuliano Mariani

### 1433 Brown Adipose Tissue: A Protective Mechanism Against “Preprediabetes”?

John P. Crandall, Tyler J. Fraum, and Richard L. Wahl

## RADIOBIOLOGY/DOSIMETRY

### 1441 ■ SPECIAL CONTRIBUTION. MIRD Pamphlet No. 27: MIRDcell V3, a Revised Software Tool for Multicellular Dosimetry and Bioeffect Modeling

Sumudu Katugampola, Jianchao Wang, Alex Rosen, and Roger W. Howell

## THE ILLUSTRATED POST

### 1450 Antibody-Guided Molecular Imaging of *Aspergillus* Lung Infections in Leukemia Patients

Johannes Schwenck, Andreas Maurer, Nicolas Beziere, Francesco Fiz, Frederic Boschetti, Susanne Geistlich, Dominik Seyfried, Matthias Gunzer, Gerald Reischl, Jöri Wehrmüller, et al.

## LETTERS TO THE EDITOR

### 1452 Brain Metabolic PET Findings on the Long-Term Effects of COVID-19

Eric Guedj and Tatiana Horowitz

## DEPARTMENTS

8A This Month in JNM

15A Recruitment