

## SNMMI NEWSLINE

- 11N** SNMMI Hosts FDA Workshop
- 12N** SNMMI at NRC Commissioners' Meeting
- 12N** Congressional Briefing: Diagnostic Imaging and Alzheimer Disease
- 13N** Future Leaders of SNMMI and SNMMI-TS
- 14N** SNMMI Leadership Update: To the SNMMI-TS: Congratulations on 50 Years of Dedicated Service to SNMMI and Your Patients  
Vasken Dilsizian
- 15N** Newsbriefs
- 16N** From the Literature

## DISCUSSIONS WITH LEADERS

- 477** A Conversation with John Sunderland, Johannes Czernin, and Thomas Hope  
John J. Sunderland, Johannes Czernin, and Thomas Hope

## THE STATE OF THE ART

- 480** The Academic NDA: Justification, Process, and Lessons Learned  
John J. Sunderland

## CONTINUING EDUCATION

- 488** Introduction to Radiomics  
Marius E. Mayerhoefer, Andrzej Materka, Georg Langs, Ida Häggström, Piotr Szczypiński, Peter Gibbs, and Gary Cook

## HOT TOPICS

- 496** Patient Travel Concerns After Treatment with <sup>177</sup>Lu-DOTATATE  
Ayşe Tuba Kendi, Josh A. Mailman, Boris G. Naraev, David J. Mercer, James K. Underwood, and Thorvardur R. Halfdanarson

## ONCOLOGY

### Clinical

- 498** Diagnostic Accuracy of PET Tracers for the Differentiation of Tumor Progression from Treatment-Related Changes in High-Grade Glioma: A Systematic Review and Metaanalysis  
Paul L. de Zwart, Bart R.J. van Dijken, Gea A. Holtman, Gilles N. Stormezand, Rudi A.J.O. Dierckx, Peter Jan van Laar, and Anouk van der Hoorn
- 505** <sup>18</sup>F-FET PET Imaging in Differentiating Glioma Progression from Treatment-Related Changes: A Single-Center Experience  
Gabriele D. Maurer, Daniel P. Brucker, Gabriele Stoffels, Katharina Filipiński, Christian P. Filss, Felix M. Mottaghy, Norbert Galldiks, Joachim P. Steinbach, Elke Hattingen, and Karl-Josef Langen

### Translational

- 512** First-in-Humans Imaging with <sup>89</sup>Zr-Df-IAB22M2C Anti-CD8 Minibody in Patients with Solid Malignancies: Preliminary Pharmacokinetics, Biodistribution, and Lesion Targeting  
Neeta Pandit-Taskar, Michael A. Postow, Matthew D. Hellmann, James J. Harding, Christopher A. Barker, Joseph A. O'Donoghue, Martha Ziolkowska, Shutian Ruan, Serge K. Lyashchenko, Frank Tsai, et al.

## THERANOSTICS

### Clinical

- 520** Cholecystokinin 2 Receptor Agonist <sup>177</sup>Lu-PP-F11N for Radionuclide Therapy of Medullary Thyroid Carcinoma: Results of the Lumed Phase 0a Study  
Christof Rottenburger, Guillaume P. Nicolas, Lisa McDougall, Felix Kaul, Michal Cachovan, A. Hans Vija, Roger Schibli, Susanne Geistlich, Anne Schumann, Tilman Rau, et al.
- 527** ■ **FEATURED ARTICLE OF THE MONTH.** Head-to-Head Comparison of <sup>68</sup>Ga-PSMA-11 with <sup>18</sup>F-PSMA-1007 PET/CT in Staging Prostate Cancer Using Histopathology and Immunohistochemical Analysis as a Reference Standard  
Jonathan Kuten, Ibrahim Fahoum, Ziv Savin, Ofer Shamni, Gilad Gitstein, Dov Hershkovitz, Nicola J. Mabjeesh, Ofer Yossepowitch, Eyal Mishani, and Einat Even-Sapir
- 533** Comparison of 3 Interpretation Criteria for <sup>68</sup>Ga-PSMA11 PET Based on Inter- and Intra-reader Agreement  
Akira Toriihara, Tomomi Nobashi, Lucia Baratto, Heying Duan, Farshad Moradi, Sonya Park, Negin Hatami, Carina Mari Aparici, Guido Davidzon, and Andrei Iagaru
- 540** Prostate-Specific Membrane Antigen PET/CT Combined with Sentinel Node Biopsy for Primary Lymph Node Staging in Prostate Cancer  
Florentien J. Hinsenveld, Esther M.K. Wit, Pim J. van Leeuwen, Oscar R. Brouwer, Maarten L. Donswijk, Corinne N. Tillier, Erik Vegt, Erik van Muilekom, Matthias N. van Oosterom, Fijis W.B. van Leeuwen, et al.
- 546** Prospective Evaluation of <sup>18</sup>F-DCFPyL PET/CT in Biochemically Recurrent Prostate Cancer in an Academic Center: A Focus on Disease Localization and Changes in Management  
Hong Song, Caitlyn Harrison, Heying Duan, Kip Guja, Negin Hatami, Benjamin L. Franc, Farshad Moradi, Carina Mari Aparici, Guido A. Davidzon, and Andrei Iagaru
- 552** ■ **SPECIAL CONTRIBUTION.** Appropriate Use Criteria for Imaging Evaluation of Biochemical Recurrence of Prostate Cancer After Definitive Primary Treatment  
Hossein Jadvar, Leslie K. Ballas, Peter L. Choyke, Stefano Fanti, James L. Gulley, Ken Herrmann, Thomas A. Hope, Alan K. Klitzke, Jorge D. Oldan, Martin G. Pomper, et al.

### Basic

- 563** Theranostics Targeting Fibroblast Activation Protein in the Tumor Stroma: <sup>64</sup>Cu- and <sup>225</sup>Ac-Labeled FAPI-04 in Pancreatic Cancer Xenograft Mouse Models  
Tadashi Watabe, Yuwei Liu, Kazuko Kaneda-Nakashima, Yoshifumi Shirakami, Thomas Lindner, Kazuhiro Ooe, Atsushi Toyoshima, Kojiro Nagata, Eku Shimosegawa, Uwe Haberkorn, et al.

## ENDOCRINOLOGY

### Clinical

**570** PET Imaging of Pancreatic Dopamine D<sub>2</sub> and D<sub>3</sub> Receptor Density with <sup>11</sup>C-(+)-PHNO in Type 1 Diabetes

Jason Bini, Elizabeth Sanchez-Rangel, Jean-Dominique Gallezot, Mika Naganawa, Nabeel Nabulsi, Keunpoong Lim, Soheila Najafzadeh, Anupama Shirali, Jim Ropchan, David Matuskey, et al.

**577** <sup>18</sup>F-Fluorocholine PET/CT in Primary Hyperparathyroidism: Superior Diagnostic Performance to Conventional Scintigraphic Imaging for Localization of Hyperfunctioning Parathyroid Glands

Anka Cuderman, Katra Senica, Sebastijan Rep, Marko Hocevar, Tomaz Kocjan, Mojca Jensterle Sever, Katja Zaletel, and Luka Lezaic

**584** Preoperative Localization of Adenomas in Primary Hyperparathyroidism: The Value of <sup>11</sup>C-Choline PET/CT in Patients with Negative or Discordant Findings on Ultrasonography and <sup>99m</sup>Tc-Sestamibi SPECT/CT

Yimin Liu, Yonghong Dang, Li Huo, Ya Hu, Ou Wang, He Liu, Xiaoyan Chang, Yu Liu, Xiaoping Xing, Fang Li, et al.

## CARDIOVASCULAR

### Basic

**590** Multimodality Imaging of Inflammation and Ventricular Remodeling in Pressure-Overload Heart Failure

Aylina Glasenapp, Katja Derlin, Yong Wang, Marion Bankstahl, Martin Meier, Kai C. Wollert, Frank M. Bengel, and James T. Thackeray

## NEUROLOGY

### Clinical

**597** Predictive Value of <sup>18</sup>F-Florbetapir and <sup>18</sup>F-FDG PET for Conversion from Mild Cognitive Impairment to Alzheimer Dementia

Ganna Blazhenets, Yilong Ma, Arnd Sörensen, Florian Schiller, Gerta Rücker, David Eidelberg, Lars Frings, and Philipp T. Meyer, for the Alzheimer Disease Neuroimaging Initiative

**604** ■ **BRIEF COMMUNICATION.** TSPO Versus P2X7 as a Target for Neuroinflammation: An In Vitro and In Vivo Study

Donatienne Van Weehaeghe, Evelien Van Schoor, Joke De Vocht, Michel Koole, Bala Attali, Sofie Celen, Lieven Declercq, Dietmar R. Thal, Philip Van Damme, Guy Bormans, et al.

## RADIONUCLIDE THERAPY

### Clinical

**608** First Evidence for a Dose-Response Relationship in Patients Treated with <sup>166</sup>Ho Radioembolization: A Prospective Study

Remco Bastiaannet, Caren van Roekel, Maarten L.J. Smits, Sjoerd G. Elias, Wouter A.C. van Amsterdam, Dan Doan, Jip F. Prince, Rutger C.G. Bruijnen, Hugo W.A.M. de Jong, and Marnix G.E.H. Lam

## RADIOBIOLOGY/DOSIMETRY

### Clinical

**613** Human Radiation Dosimetry for Orally and Intravenously Administered <sup>18</sup>F-FDG

Senhamizhchelvan Srinivasan, John P. Crandall, Prateek Gajwani, George Sgouros, Esther Mena, Martin A. Lodge, and Richard L. Wahl

## DEPARTMENTS

**10A** This Month in JNM

**620** Letters to the Editor

**623** Book Reviews