

SNMMI NEWSLINE

- 15N** 2012 SNM Highlights Lecture
Alan H. Maurer
- 23N** SNM 2012 Image of the Year
- 24N** New SNMMI/SNMMI-TS Officers
- 26N** SNMMI Leadership Update: Education in the “Big Easy”
Virginia Pappas

INVITED PERSPECTIVE

- 1497** New Findings on the Underlying Neural Mechanism of Emotion Induced by Frightening Music
Yasuyoshi Watanabe

CLINICAL INVESTIGATIONS

- 1499** Oncologic ^{18}F -FDG PET/CT: Referring Physicians' Point of View
Dimitrios Karantanis, Dimitrios Kalkanis, Martin Allen-Auerbach, Trond Velde Bogsrud, Rathan M. Subramaniam, Adam Danielson, Val J. Lowe, and Johannes Czernin
- 1506** ^{18}F -FDG PET/CT Metabolic Tumor Volume and Total Lesion Glycolysis Predict Outcome in Oropharyngeal Squamous Cell Carcinoma
Remy Lim, Anne Eaton, Nancy Y. Lee, Jeremy Setton, Nisha Ohri, Shyam Rao, Richard Wong, Matthew Fury, and Heiko Schöder
- 1514** Response Assessment Using ^{18}F -FDG PET Early in the Course of Radiotherapy Correlates with Survival in Advanced-Stage Non-Small Cell Lung Cancer
Wouter van Elmpt, Michel Öllers, Anne-Marie C. Dingemans, Philippe Lambin, and Dirk De Ruysscher
- 1521** Usefulness of 3'-Deoxy-3'- ^{18}F -Fluorothymidine PET for Predicting Early Response to Chemoradiotherapy in Head and Neck Cancer
Takehito Kishino, Hiroshi Hoshikawa, Yoshihiro Nishiyama, Yuka Yamamoto, and Nozomu Mori
- 1528** Breast Scintigraphy with Breast-Specific γ -Camera in the Detection of Ductal Carcinoma In Situ: A Correlation with Mammography and Histologic Subtype
Angela Spanu, Daniela Sanna, Francesca Chessa, Pierina Cottu, Alessandra Manca, and Giuseppe Madeddu

- 1534** Clinical Performance of 2 Dedicated PET Scanners for Breast Imaging: Initial Evaluation
Mami Iima, Yuji Nakamoto, Shotaro Kanao, Tomoharu Sugie, Takayuki Ueno, Mayumi Kawada, Yoshiki Mikami, Masakazu Toi, and Kaori Togashi

- 1543** The Utility of ^{18}F -FDG PET/CT for Diagnosis and Adjustment of Therapy in Patients with Active Chronic Sarcoidosis
Dragana Sobic-Saranovic, Isidora Grozdic, Jelica Videnovic-Ivanov, Violeta Vucinic-Mihailovic, Vera Artiko, Djordjije Saranovic, Aleksandra Djuric-Stefanovic, Dragan Masulovic, Strahinja Odalovic, Aleksandra Ilic-Dudvarski, Spasoje Popevic, Smiljana Pavlovic, and Vladimir Obradovic

- 1550** Mapping Tinnitus-Related Brain Activation: An Activation-Likelihood Estimation Metaanalysis of PET Studies
Jae-Jin Song, Dirk De Ridder, Paul Van de Heyning, and Sven Vanneste

- 1558** Assessment of Striatal Dopamine D2/D3 Receptor Availability with PET and ^{18}F -Desmethoxyfallypride: Comparison of Imaging Protocols Suited for Clinical Routine
Florian Amtage, Timo S. Spehl, Sabine Hellwig, Ursula Sahn, Bernhard Hellwig, Peter Reuland, Cornelius Weiller, Wolfgang A. Weber, Christian Winkler, and Philipp T. Meyer

- 1565** Optimized In Vivo Detection of Dopamine Release Using ^{18}F -Fallypride PET
Jenny Ceccarini, Elske Vrieze, Michel Koole, Tom Muylle, Guy Bormans, Stephan Claes, and Koen Van Laere

BRIEF COMMUNICATION

- 1573** Frightening Music Triggers Rapid Changes in Brain Monoamine Receptors: A Pilot PET Study
Ying Zhang, Qiaozhen Chen, Fenglei Du, Yanni Hu, Fangfang Chao, Mei Tian, and Hong Zhang

BASIC SCIENCE INVESTIGATIONS

- 1579** Intraoperative Imaging of Tumors Using Cerenkov Luminescence Endoscopy: A Feasibility Experimental Study
Hongguang Liu, Colin M. Carpenter, Han Jiang, Guillem Pratx, Conroy Sun, Michael P. Buchin, Sanjiv S. Gambhir, Lei Xing, and Zhen Cheng
- 1585** Quantitative Determination of Apoptosis of Pancreatic β -Cells in a Murine Model of Type 1 Diabetes Mellitus
Ayahisa Watanabe, Ken-ichi Nishijima, Songji Zhao, Yan Zhao, Yoshikazu Tanaka, Hiroshi Takemoto, H. William Strauss, Francis G. Blankenberg, Nagara Tamaki, and Yuji Kuge

1592 Immuno-PET of the Hepatocyte Growth Factor Receptor Met Using the 1-Armed Antibody Onartuzumab

Elaine M. Jagoda, Lixin Lang, Veerendra Bhadrasetty, Stephanie Histed, Mark Williams, Gabriela Kramer-Marek, Esther Mena, Lauren Rosenblum, Jan Marik, Jeff N. Tinianow, Mark Merchant, Lawrence Szajek, Chang Paik, Fabiola Cecchi, Kristen Raffensperger, Joe-Marie Jose-Dizon, Donald P. Bottaro, and Peter Choyke

1601 In Vivo Measurement of the Affinity and Density of Metabotropic Glutamate Receptor Subtype 1 in Rat Brain Using ¹⁸F-FITM in Small-Animal PET

Tomoteru Yamasaki, Masayui Fujinaga, Kazunori Kawamura, Joji Yui, Akiko Hatori, Tomoyuki Ohya, Lin Xie, Hidekatsu Wakizaka, Yuichiro Yoshida, Toshimitsu Fukumura, and Ming-Rong Zhang

1608 Image-Guided Po₂ Probe Measurements Correlated with Parametric Images Derived from ¹⁸F-Fluoromisonidazole Small-Animal PET Data in Rats

Rachel M. Bartlett, Bradley J. Beattie, Manoj Naryanan, Jens-Christoph Georgi, Qing Chen, Sean D. Carlin, Gordon Roble, Pat B. Zanzonico, Mithat Gonen, Joseph O'Donoghue, Alexander Fischer, and John L. Humm

1616 Comparative Evaluation of ¹⁸F-Labeled Glutamic Acid and Glutamine as Tumor Metabolic Imaging Agents

Karl Ploessl, Limin Wang, Brian P. Lieberman, Wenchao Qu, and Hank F. Kung

1625 A New Tri-Fab Bispecific Antibody for Pretargeting Trop-2-Expressing Epithelial Cancers

Robert M. Sharkey, Catharina M. van Rij, Habibe Karacay, Edmund A. Rossi, Cathelijne Frielink, Celeste Regino, Thomas M. Cardillo, William J. McBride, Chien-Hsing Chang, Otto C. Boerman, and David M. Goldenberg

PRACTICE GUIDELINE

1633 The SNMMI Practice Guideline for Therapy of Thyroid Disease with ¹³¹I 3.0

Edward B. Silberstein, Abass Alavi, Helena R. Balon, Susan E.M. Clarke, Chaitanya Divgi, Michael J. Gelfand, Stanley J. Goldsmith, Hossein Jadvar, Carol S. Marcus, William H. Martin, J. Anthony Parker, Henry D. Royal, Salil D. Sarkar, Michael Stabin, and Alan D. Waxman

DEPARTMENTS

1652 Book Reviews

1654 Letters to the Editor

11A This Month in JNM

1658 Erratum

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UPCOMING EDUCATION ARTICLES

From the Angio Suite to the γ -Camera: Vascular Mapping and ^{99m}Tc-MAA Hepatic Perfusion Imaging Before Liver Radioembolization—A Comprehensive Pictorial Review

Livnat Uliel, Henry D. Royal, Michael D. Darcy, Darryl A. Zuckerman, Akash Sharma, and Nael E. Saad

For CE credit, you can access Continuing Education Activities through the SNMMI Web site (http://www.snmmi.org/ce_online)