

SNMMI NEWSLINE

- 9N** 2015 SNMMI Highlights Lecture: Oncology, Part II
Umar Mahmood
- 19N** SNMMI Annual Meeting Awards in Brief
- 20N** Notification of Proposed SNMMI Bylaws Change
James M. Woolfenden
- 21N** SNMMI Leadership Update: ABNM Announces Decision on Proposed Changes
Hossein Jadvar

FOCUS ON MOLECULAR IMAGING

- 1809** Radiopeptides for Imaging and Therapy: A Radiant Future
Kristell L.S. Chatalic, Dik J. Kwekkeboom, and Marion de Jong

INVITED PERSPECTIVES

- 1813** SPECT Myocardial Perfusion Imaging: Poststress, End Systolic Images and the Ongoing Effort to Improve Diagnostic Accuracy
Henry Gewirtz
- 1815** Commentary on Photoacoustic Tomography
Ralph P. Mason

CLINICAL INVESTIGATIONS

- 1817** Improving the Spatial Alignment in PET/CT Using Amplitude-Based Respiration-Gated PET and Respiration-Triggered CT
Charlotte S. van der Vos, Willem Grootjans, Dustin R. Osborne, Antoi P.W. Meeuwis, James J. Hamill, Shelley Acuff, Lioe-Fee de Geus-Oei, and Eric P. Visser
- 1823** ^{68}Ga -NOTA-PRGD2 PET/CT for Integrin Imaging in Patients with Lung Cancer
Kun Zheng, Naixin Liang, Jingjing Zhang, Lixin Lang, Wei Zhang, Shanqing Li, Jun Zhao, Gang Niu, Fang Li, Zhaohui Zhu, and Xiaoyuan Chen
- 1828** Dose-Finding Quantitative ^{18}F -FDG PET Imaging Study with the Oral Pan-AKT Inhibitor GSK2141795 in Patients with Gynecologic Malignancies
Hatice Gungor, Azeem Saleem, Syed Babar, Roberto Dina, Mona A. El-Bahrawy, Ed Curry, Nona Rama, Michele Chen, Emily Pickford, Roshan Agarwal, Sarah Blagden, Sabin Carme, Cristian Salinas, Sam Madison, Elizabeth Krachey, Ademi Santiago-Walker, Deborah A. Smith, Shannon R. Morris, Euan A. Stronach, and Hani Gabra

- 1836** Radiation Treatment of Lymph Node Recurrence from Prostate Cancer: Is ^{11}C -Choline PET/CT Predictive of Survival Outcomes?
Elena Incerti, Andrei Fodor, Paola Mapelli, Claudio Fiorino, Pierpaolo Alongi, Margarita Kirienko, Giampiero Giovacchini, Elena Busnardo, Luigi Gianolli, Nadia Di Muzio, and Maria Picchio
- 1843** Prognostic Value of ^{68}Ga -DOTANOC PET/CT SUV_{max} in Patients with Neuroendocrine Tumors of the Pancreas
Valentina Ambrosini, Davide Campana, Giulia Polverari, Chiara Peterle, Stefania Diodato, Claudio Ricci, Vincenzo Allegri, Riccardo Casadei, Paola Tomassetti, and Stefano Fanti
- 1849** ^{18}F -FLT PET/CT in the Evaluation of Pheochromocytomas and Paragangliomas: A Pilot Study
Elise M. Blanchet, David Taieb, Corina Millo, Victoria Martucci, Clara C. Chen, Maria Merino, Peter Herscovitch, and Karel Pacak
- 1855** Multicenter Reproducibility of ^{18}F -Fluciclatide PET Imaging in Subjects with Solid Tumors
Rohini Sharma, Kumar G. Kallur, Jin S. Ryu, Ramanathapuram V. Parameswaran, Henrik Lindman, Norbert Avril, Fergus V. Gleeson, Jong D. Lee, Kyung-Han Lee, Michael J. O'Doherty, Ashley M. Groves, Matthew P. Miller, Edward J. Somer, Charles R. Coombes, and Eric O. Aboagye
- 1862** Prospective Comparison of $^{99\text{m}}\text{Tc}$ -MDP Scintigraphy, Combined ^{18}F -NaF and ^{18}F -FDG PET/CT, and Whole-Body MRI in Patients with Breast and Prostate Cancer
Ryogo Minamimoto, Andreas Loening, Mehran Jamali, Amir Barkhodari, Camila Mosci, Tatiane Jackson, Piotr Obara, Valentina Taviani, Sanjiv Sam Gambhir, Shreyas Vasawanala, and Andrei Iagaru
- 1869** Prognostic Value of Dual-Time-Point ^{18}F -FDG PET for Idiopathic Pulmonary Fibrosis
Yukihiro Umeda, Yoshiki Demura, Miwa Morikawa, Masaki Anzai, Maiko Kadowaki, Shingo Ameshima, Tatsuro Tsuchida, Tetsuya Tsujikawa, Yasushi Kiyono, Hidehiko Okazawa, Takeshi Ishizaki, and Tamotsu Ishizuka
- 1876** Dual-Gated Motion-Frozen Cardiac PET with Flurpiridaz F 18
Piotr J. Slomka, Mathieu Rubeaux, Ludovic Le Meunier, Damini Dey, Joel L. Lazewatsky, Tinsu Pan, Marc R. Dweck, David E. Newby, Guido Germano, and Daniel S. Berman
- 1882** Clinical Utility of Enhanced Relative Activity Recovery on Systolic Myocardial Perfusion SPECT: Lessons from PET
Danai Kitkungvan, Pimprapa Vejpongsa, Ketan P. Korrane, Stefano Sdringola, and K. Lance Gould
- 1889** Presence of Postsystolic Shortening Increases the Likelihood of Coronary Artery Disease: A Rest Electrocardiography-Gated Myocardial Perfusion SPECT Study
Yumiko Kanzaki, Yohei Yamauchi, Hideaki Morita, Masuo Hayashi, Tsuyoshi Komori, Akira Ukimura, and Nobukazu Ishizaka

1895 ⁶⁴Cu-DOTATATE for Noninvasive Assessment of Atherosclerosis in Large Arteries and Its Correlation with Risk Factors: Head-to-Head Comparison with ⁶⁸Ga-DOTATOC in 60 Patients

Catarina Malmberg, Rasmus S. Ripa, Camilla B. Johnbeck, Ulrich Knigge, Seppo W. Langer, Jann Mortensen, Peter Oturai, Annika Loft, Anne Mette Hag, and Andreas Kjær

1901 Human Kinetic Modeling of the 5HT6 PET Radioligand ¹¹C-GSK215083 and Its Utility for Determining Occupancy at Both 5HT6 and 5HT2A Receptors by SB742457 as a Potential Therapeutic Mechanism of Action in Alzheimer Disease

Christine A. Parker, Eugenii A. Rabiner, Roger N. Gunn, Graham Searle, Laurent Martarello, Robert A. Comley, Maria Davy, Alan A. Wilson, Sylvain Houle, Romina Mizrahi, Marc Laruelle, and Vincent J. Cunningham

1910 Performance of ¹¹C-Pittsburgh Compound B PET Binding Potential Images in the Detection of Amyloid Deposits on Equivocal Static Images

Chisa Hosokawa, Kazunari Ishii, Yuichi Kimura, Tomoko Hyodo, Makoto Hosono, Kenta Sakaguchi, Kimio Usami, Kenji Shimamoto, Yuzuru Yamazoe, and Takamichi Murakami

1916 Metabolic Topology of Neurodegenerative Disorders: Influence of Cognitive and Motor Deficits

Oliver Granert, Alexander E. Drzezga, Henning Boecker, Robert Perneczky, Alexander Kurz, Julia Götz, Thilo van Eimeren, and Peter Hüssemann

CONTINUING EDUCATION

1922 Imaging-Based Treatment Adaptation in Radiation Oncology

Esther G.C. Troost, Daniela Thorwarth, and Wim J.G. Oyen

BASIC SCIENCE INVESTIGATIONS

1930 Breast Cancer Resistance Protein and P-Glycoprotein Influence In Vivo Disposition of ¹¹C-Erlotinib

Alexander Traxl, Thomas Wanek, Severin Mairinger, Johann Stanek, Thomas Filip, Michael Sauberer, Markus Müller, Claudia Kuntner, and Oliver Langer

1937 The Cannabinoid Receptor-1 Is an Imaging Biomarker of Brown Adipose Tissue

Olof Eriksson, Kirsi Mikkola, Daniel Espes, Lauri Tuominen, Kirsi Virtanen, Sarita Forsbäck, Merja Haaparanta-Solin, Jarmo Hietala, Olof Solin, and Pirjo Nuutila

1942 Photoacoustic Tomography Detects Early Vessel Regression and Normalization During Ovarian Tumor Response to the Antiangiogenic Therapy Trebananib

Sarah E. Bohndiek, Laura S. Sasportas, Steven Machtaler, Jesse V. Jokerst, Sharon Hori, and Sanjiv S. Gambhir

1948 A Promising Future: Comparable Imaging Capability of MRI-Compatible Silicon Photomultiplier and Conventional Photosensor Preclinical PET Systems

Aron K. Krizsan, Imre Lajos, Magnus Dahlbom, Freddie Daver, Miklos Emri, Sandor A. Kis, Gabor Opposits, Laszlo Pohubi, Norbert Potari, Gyula Hegyesi, Gabor Kalinka, Janos Gal, Jozsef Imrek, Ferenc Nagy, Ivan Valastyan, Beata Kiraly, Jozsef Molnar, Delfo Sanfilippo, and Laszlo Balkay

1954 Preclinical Evaluation and Quantification of ¹⁸F-FPEB as a Radioligand for PET Imaging of the Metabotropic Glutamate Receptor 5

Bart de Laat, Gil Leurquin-Sterk, Sofie Celen, Guy Bormans, Michel Koole, Koen Van Laere, and Cindy Casteels

SPECIAL CONTRIBUTIONS

1960 Role of Reference Levels in Nuclear Medicine: A Report of the SNMMI Dose Optimization Task Force

Adam M. Alessio, Mary Beth Farrell, and Frederic H. Fahey

DEPARTMENTS

1965 Book Reviews

1966 Letters to the Editor

8A This Month in JNM

16N Recruitment Advertising

JNM ONLINE

jnm.snmjournals.org

Information for Authors

http://www.snmni.org/journals/jnm_author_info

UPCOMING EDUCATION ARTICLE

¹⁸F-FDG PET/CT and PET/MRI Perform Equally Well in Cancer Patients: Evidence from Studies in More Than 2,300 Patients

Claudio Spick, Ken Herrmann, and Johannes Czernin