

SNMMI NEWSLINE

- 11N** FDA Approves ^{11}C -Choline Injection for PET in Prostate Cancer
- 12N** Brookhaven Lab Named Historic Chemical Landmark
- 13N** In Memoriam: W. Newlon Tauxe, MD, 1924–2012
- 14N** SNMMI 2013: Call for Abstracts
- 15N** SNMMI Leadership Update: A Look Back, a Look Forward
Frederic H. Fahey
- 16N** Newsbriefs
- 19N** Form the Literature

FOCUS ON MOLECULAR IMAGING

- 1825** In Vivo Tracking Techniques for Cellular Regeneration, Replacement, and Redirection
Erik H.J.G. Aarntzen, Mangala Srinivas, Piotr Walczak, Miroslaw Janowski, Arend Heerschap, I. Jolanda M. de Vries, Carl G. Figdor, Jeff W.M. Bulte, and Wim J.G. Oyen

CLINICAL INVESTIGATIONS

- 1829** Metabolic Tumor Volume Assessed by ^{18}F -FDG PET/CT for the Prediction of Outcome in Patients with Multiple Myeloma
Rosa Fonti, Michele Larobina, Silvana Del Vecchio, Serena De Luca, Rossella Fabbricini, Lucio Catalano, Fabrizio Pane, Marco Salvatore, and Leonardo Pace
- 1836** Differences in the Biologic Activity of 2 Novel MEK Inhibitors Revealed by ^{18}F -FDG PET: Analysis of Imaging Data from 2 Phase I Trials
Françoise Kraeber-Bodéré, Thomas Carlier, Valérie Meresse Naegelen, Eliezer Shochat, Jean Lumbroso, Carlos Trampal, James Nagarajah, Sue Chua, Florent Hugonnet, Marcel Stokkel, Fergus Gleeson, and Jean Tessier
- 1847** Performance of Whole-Body PET/CT for the Detection of Distant Malignancies in Various Cancers: A Systematic Review and Meta-Analysis
Guozeng Xu, Lin Zhao, and Zhiyi He
- 1855** Incidental Diffuse Thyroid ^{18}F -FDG Uptake Related to Autoimmune Thyroiditis May Be a Favorable Prognostic Factor in Advanced Breast Cancer
Sang Soo Kim, In Joo Kim, Seong-Jang Kim, Jee Yeon Lee, Young Tae Bae, Yun Kyung Jeon, Bo Hyun Kim, and Yong Ki Kim

- 1863** Clinical Relevance of ^{18}F -FDG PET and ^{18}F -DOPA PET in Recurrent Medullary Thyroid Carcinoma
Hans H.G. Verbeek, John T.M. Plukker, Klaas Pieter Koopmans, Jan Willem B. de Groot, Robert M.W. Hofstra, Anneke C. Muller Kobold, Anouk N.A. van der Horst-Schrivers, Adrienne H. Brouwers, and Thera P. Links

- 1872** Integrin $\alpha_v\beta_3$ Imaging of Radioactive Iodine-Refractory Thyroid Cancer Using $^{99\text{m}}\text{Tc}$ -3PRGD2
Dan Zhao, Xiaona Jin, Fang Li, Jun Liang, and Yansong Lin

- 1878** Comparison of Segmentation-Based Attenuation Correction Methods for PET/MRI: Evaluation of Bone and Liver Standardized Uptake Value with Oncologic PET/CT Data
Joong Hyun Kim, Jae Sung Lee, In-Chan Song, and Dong Soo Lee

- 1883** Biodistribution, Tumor Detection, and Radiation Dosimetry of ^{18}F -DCFBC, a Low-Molecular-Weight Inhibitor of Prostate-Specific Membrane Antigen, in Patients with Metastatic Prostate Cancer
Steve Y. Cho, Kenneth L. Gage, Ronnie C. Mease, Srinivasan Senthambichelvan, Daniel P. Holt, Akimosa Jeffrey-Kwanisai, Christopher J. Endres, Robert F. Dannals, George Sgouros, Martin Lodge, Mario A. Eisenberger, Ronald Rodriguez, Michael A. Carducci, Camilo Rojas, Barbara S. Slusher, Alan P. Kozikowski, and Martin G. Pomper

- 1892** On the Importance of Image Gating for the Assay of Left Ventricular Mechanical Dyssynchrony Using SPECT
Daniel R. Ludwig, Mati Friebling, David Schwartzman, Samir Saba, William P. Follansbee, and Prem Soman

- 1897** Compared Performance of High-Sensitivity Cameras Dedicated to Myocardial Perfusion SPECT: A Comprehensive Analysis of Phantom and Human Images
Laetitia Imbert, Sylvain Poussier, Philippe R. Franken, Bernard Songy, Antoine Verger, Olivier Morel, Didier Wolf, Alain Noel, Gilles Karcher, and Pierre-Yves Marie

- 1904** 3'-Deoxy-3'- ^{18}F -Fluorothymidine PET-Derived Proliferative Volume Predicts Overall Survival in High-Grade Glioma Patients
Albert J.S. Idema, Aswin L. Hoffmann, Hieronymus D. Boogaarts, Esther G.C. Troost, Pieter Wesseling, Arend Heerschap, Winette T.A. van der Graaf, J. Andre Grotenhuis, and Wim J.G. Oyen

BRIEF COMMUNICATION

- 1911** Correlation of ^{18}F -FLT Uptake with Tumor Grade and Ki-67 Immunohistochemistry in Patients with Newly Diagnosed and Recurrent Gliomas
Yuka Yamamoto, Yuko Ono, Fumitoshi Aga, Nobuyuki Kawai, Nobuyuki Kudomi, and Yoshihiro Nishiyama

SPECIAL CONTRIBUTION

- 1916** PET/MRI for Neurologic Applications
Ciprian Catana, Alexander Drzezga, Wolf-Dieter Heiss, and Bruce R. Rosen

BASIC SCIENCE INVESTIGATIONS

- 1926** **Quantitative Immuno-SPECT Monitoring of Pretargeted Radioimmunotherapy with a Bispecific Antibody in an Intraperitoneal Nude Mouse Model of Human Colon Cancer**
Rafke Schoffelen, Winette T.A. van der Graaf, Robert M. Sharkey, Gerben M. Franssen, William J. McBride, Chien-Hsing Chang, Desirée L. Bos, David M. Goldenberg, Wim J.G. Oyen, and Otto C. Boerman
- 1933** **A Vaccinia Virus Encoding the Human Sodium Iodide Symporter Facilitates Long-Term Image Monitoring of Virotherapy and Targeted Radiotherapy of Pancreatic Cancer**
Dana Haddad, Pat B. Zanzonico, Sean Carlin, Chun-Hao Chen, Nanhai G. Chen, Qian Zhang, Yong A. Yu, Valerie Longo, Kelly Mojica, Richard J. Aguilar, Aladar A. Szalay, and Yuman Fong
- 1943** **Small-Animal SPECT/CT of HER2 and HER3 Expression in Tumor Xenografts in Athymic Mice Using Trastuzumab Fab–Heregulin Bispecific Radioimmunoconjugates**
Eva J. Razumienko, Deborah A. Scollard, and Raymond M. Reilly
- 1951** **A Unique Matched Quadruplet of Terbium Radioisotopes for PET and SPECT and for α - and β^- -Radionuclide Therapy: An In Vivo Proof-of-Concept Study with a New Receptor-Targeted Folate Derivative**
Cristina Müller, Konstantin Zhernosekov, Ulli Köster, Karl Johnston, Holger Dorrer, Alexander Hohn, Nico T. van der Walt, Andreas Türler, and Roger Schibli
- 1960** **PET of Glucagonlike Peptide Receptor Upregulation After Myocardial Ischemia or Reperfusion Injury**
Haokao Gao, Dale O. Kiesewetter, Xiaoxiang Zhang, Xinglu Huang, Ning Guo, Lixin Lang, Naoki Hida, Hui Wang, Haichang Wang, Feng Cao, Gang Niu, and Xiaoyuan Chen

- 1969** **The Influence of Morphine on Cerebral 5-HT_{2A} Availability in Dogs: a SPECT Study**
Antita M. Adriaens, Ingeborgh E. Polis, Simon T. Verneire, Tim Waelbers, Luc Duchateau, Stanislas U. Sys, Sylvia Van Dorpe, Jos L. Eersels, Bart De Spiegeleer, and Kathelijne Peremans
- 1974** **Altered GABA_A Receptor Density and Unaltered Blood–Brain Barrier Transport in a Kainate Model of Epilepsy: An In Vivo Study Using ¹¹C-Flumazenil and PET**
Stina Syvänen, Maaike Labots, Yoshihiko Tagawa, Jonas Eriksson, Albert D. Windhorst, Adriaan A. Lammertsma, Elizabeth C. de Lange, and Rob A. Voskuyl
- 1984** **Differential Lung Uptake of ^{99m}Tc-Hexamethylpropyleneamine Oxime and ^{99m}Tc-Duramycin in the Chronic Hyperoxia Rat Model**
Anne V. Clough, Said H. Audi, Steven T. Haworth, and David L. Roerig

DEPARTMENTS

- 1992** Book Reviews
- 1993** Letters to the Editor
- 9A** This Month in JNM
- 24A** Recruitment Advertising

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