

## SNM NEWSLINE

- 14N** **New Tool for Nuclear Medicine Patient Release Calculations**
- 16N** **Health Policy and Regulatory Affairs Update: CMS Coverage of PET: Final Decision**  
*Hugh Cannon*
- 17N** **SNM Leadership Update: Advancing SNM's Goals**  
*Robert W. Atcher*
- 20N** **Molecular Imaging Update: Ensuring Standardization and Harmonization in Multicenter Clinical Trials**  
*Paul E. Christian*
- 21N** **Newsbriefs**
- 27N** **From the Literature**

## FOCUS ON MOLECULAR IMAGING

- 837** **Clinical Cardiovascular Molecular Imaging**  
*Frank M. Bengel*

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- 841**  **$2\text{-}^{18}\text{F}$ -Fluoroacetate: A Useful Tool for Assessing Gliosis in the Central Nervous System?**  
*Brian J. Lopresti and N. Scott Mason*

## CLINICAL INVESTIGATIONS

- 844** **Comparison of Imaging Protocols for  $^{18}\text{F}$ -FDG PET/CT in Overweight Patients: Optimizing Scan Duration Versus Administered Dose**  
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- 849** **Physiologic Thymic Uptake of  $^{18}\text{F}$ -FDG in Children and Young Adults: A PET/CT Evaluation of Incidence, Patterns, and Relationship to Treatment**  
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- 854** **Vascular Inflammation Imaging with  $^{18}\text{F}$ -FDG PET/CT: When to Image?**  
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- 858** **Predictive Value of  $^{18}\text{F}$ -FDG PET and Somatostatin Receptor Scintigraphy in Patients with Metastatic Endocrine Tumors**  
*Etienne Garin, Florence Le Jeune, Anne Devillers, Marc Cuggia, Anne-Sophie de Lajarte-Thirouard, Catherine Bouriel, Eveline Boucher, and Jean-Luc Raoul*

- 865** **Value of SPECT/CT for Detection and Anatomic Localization of Sentinel Lymph Nodes Before Laparoscopic Sentinel Node Lymphadenectomy in Prostate Carcinoma**

*Lenka Vermeeren, Renato A. Valdés Olmos, Wim Meinhardt, Axel Bex, Henk G. van der Poel, Wouter V. Vogel, Ferida Sivro, Cees A. Hoefnagel, and Simon Horenblas*

- 871** **Transarterial Injection of  $^{131}\text{I}$ -Lipiodol, Compared with Chemoembolization, in the Treatment of Unresectable Hepatocellular Cancer**

*Laura Marelli, Vibhakorn Shusang, John R. Buscombe, Evangelos Cholongitas, Rosa Stigliano, Neil Davies, Jonathan Tibballs, David Patch, Tim Meyer, and Andrew K. Burroughs*

- 878** **Comparison of  $^{18}\text{F}$ -FDG and PiB PET in Cognitive Impairment**

*Val J. Lowe, Bradley J. Kemp, Clifford R. Jack, Jr., Matthew Senjem, Stephen Weigand, Maria Shiung, Glenn Smith, David Knopman, Bradley Boeve, Brian Mullan, and Ronald C. Petersen*

- 887** **Cerebral Histamine  $\text{H}_1$  Receptor Binding Potential Measured with PET Under a Test Dose of Olopatadine, an Antihistamine, Is Reduced After Repeated Administration of Olopatadine**

*Michio Senda, Nobuo Kubo, Kazuhiko Adachi, Yasuhiko Ikari, Keiichi Matsumoto, Keiji Shimizu, and Hideyuki Tominaga*

- 893** **Simple Ratio Analysis of  $^{18}\text{F}$ -Fluorodopa Uptake in Striatal Subregions Separates Patients with Early Parkinson Disease from Healthy Controls**

*Pekka Jokinen, Hans Helenius, Elina Rauhala, Anna Brück, Olli Eskola, and Juha O. Rinne*

- 900** **Kinetic Modeling of  $^{11}\text{C}$ -SB207145 Binding to 5-HT $_4$  Receptors in the Human Brain In Vivo**

*Lisbeth Marner, Nic Gillings, Robert A. Comley, William F.C. Baaré, Eugenio A. Rabiner, Alan A. Wilson, Sylvain Houle, Steen G. Hasselbalch, Claus Svare, Roger N. Gunn, Marc Laruelle, and Gitte M. Knudsen*

## BRIEF COMMUNICATION

- 909** **Identification of a Shine-Through Artifact in the Trachea with  $^{124}\text{I}$  PET/CT**

*Sakar B. Abdul-Fatah, Mariangela Zamburlini, Servé G.E.A. Halders, Boudewijn Brans, Gerrit J.J. Teule, and Gerrit J. Kemerink*

## BASIC SCIENCE INVESTIGATIONS

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*Chandra Spring-Robinson, Visvanathan Chandramouli, William C. Schumann, Peter F. Faulhaber, Yanming Wang, Chunying Wu, Faramarz Ismail-Beigi, and Raymond F. Muzic, Jr.*

- 920** **Inflammatory Cytokines and Hypoxia Contribute to  $^{18}\text{F}$ -FDG Uptake by Cells Involved in Pannus Formation in Rheumatoid Arthritis**

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- 927 In Vivo SPECT Quantification of Transplanted Cell Survival After Engraftment Using <sup>111</sup>In-Tropolone in Infarcted Canine Myocardium**  
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- 936 Highly Efficient In Vivo Agonist-Induced Internalization of sst<sub>2</sub> Receptors in Somatostatin Target Tissues**  
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- 950 Noninvasive <sup>64</sup>Cu-ATSM and PET/CT Assessment of Hypoxia in Rat Skeletal Muscles and Tendons During Muscle Contractions**  
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- 982 PET of Glial Metabolism Using 2-<sup>18</sup>F-Fluoroacetate**  
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- 991 A Novel Method of <sup>18</sup>F Radiolabeling for PET**  
*William J. McBride, Robert M. Sharkey, Habibe Karacay, Christopher A. D'Souza, Edmund A. Rossi, Peter Laverman, Chien-Hsing Chang, Otto C. Boerman, and David M. Goldenberg*

## SPECIAL CONTRIBUTION

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## UPCOMING EDUCATION ARTICLES

### The Clinical Value of Myocardial Blood Flow Measurement

*Paolo G. Camici and Ornella E. Rimoldi*

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