

SNM NEWSLINE

- 13N** Symposium Focuses on Future of Neuroimaging
Ann Coleman
- 15N** IAEA Supports Training in Internal Dosimetry
Stig Palm
- 16N** Outstanding *JNM* Articles for 2009
- 17N** Outstanding *JNMT* Articles for 2009
- 18N** SNM Leadership Update: Addressing the Short Term While Planning for the Long Term
Dominique Delbeke
- 19N** SNM Leadership Update: A Message from the SNM President
Kathy Hunt
- 20N** Newsbriefs
- 22N** From the Literature

FOCUS ON MOLECULAR IMAGING

- 1001** Imaging of β -Cell Mass and Function
Masanori Ichise and Paul E. Harris

INVITED PERSPECTIVE

- 1005** When Reversible Ligands Do Not Reverse, and Other Modelers' Dilemmas
Mark Slifstein

CLINICAL INVESTIGATIONS

- 1009** PET/CT Enterography in Crohn Disease: Correlation of Disease Activity on CT Enterography with ^{18}F -FDG Uptake
David Groshar, Hanna Bernstine, Dorit Stern, Jacob Sosna, Merab Eligalashvili, Evren G. Gurbuz, Yaron Niv, and Gerald Fraser
- 1015** Do Hyperglycemia and Diabetes Affect the Incidence of False-Negative ^{18}F -FDG PET/CT Studies in Patients Evaluated for Infection or Inflammation and Cancer? A Comparative Analysis
Zoya Rabkin, Ora Israel, and Zohar Keidar
- 1021** Evaluation of ^{11}C -GSK189254 as a Novel Radioligand for the H_3 Receptor in Humans Using PET
Sharon Ashworth, Eugenio A. Rabiner, Roger N. Gunn, Christophe Plisson, Alan A. Wilson, Robert A. Comley, Robert Y.K. Lai, Antony D. Gee, Marc Laruelle, and Vincent J. Cunningham

- 1030** GABAergic Dysfunction in Essential Tremor: An ^{11}C -Flumazenil PET Study
Henning Boecker, Adolf Weindl, David J. Brooks, Andres O. Ceballos-Baumann, Christoph Liedtke, Matthias Miederer, Till Sprenger, Klaus J. Wagner, and Isabelle Miederer

- 1036** Attenuation of Adenosine-Induced Myocardial Perfusion Heterogeneity by Atenolol and Other Cardioselective β -Adrenoceptor Blockers: A Crossover Myocardial Perfusion Imaging Study
Eliana Reyes, James Stirrup, Michael Roughton, Savio D'Souza, S. Richard Underwood, and Constantinos Anagnostopoulos

BRIEF COMMUNICATION

- 1044** Leukocyte SPECT/CT for Detecting Infection of Left-Ventricular-Assist Devices: Preliminary Results
Pierre-Yves Litzler, Alain Manrique, Manuel Etienne, Alice Salles, Agathe Edet-Sanson, Pierre Vera, Jean-Paul Bessou, and Anne Hitzel

CONTINUING EDUCATION

- 1049** Renal Toxicity of Radiolabeled Peptides and Antibody Fragments: Mechanisms, Impact on Radionuclide Therapy, and Strategies for Prevention
Erik Vejt, Marion de Jong, Jack F.M. Wetzels, Rosalinde Masereeuw, Marleen Melis, Wim J.G. Oyen, Martin Gotthardt, and Otto C. Boerman

BASIC SCIENCE INVESTIGATIONS

- 1059** Exendin-4-Based Radiopharmaceuticals for Glucagonlike Peptide-1 Receptor PET/CT and SPECT/CT
Damian Wild, Andreas Wicki, Rosalba Mansi, Martin Béhé, Boris Keil, Peter Bernhardt, Gerhard Christofori, Peter J. Ell, and Helmut R. Mäcke
- 1068** Establishment of In Vivo Brain Imaging Method in Conscious Mice
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- 1076** PET of Hypoxia with ^{89}Zr -Labeled cG250-F(ab')₂ in Head and Neck Tumors
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- 1084** Antitumor Effects and Normal-Tissue Toxicity of ^{111}In -Nuclear Localization Sequence-Trastuzumab in Athymic Mice Bearing HER-Positive Human Breast Cancer Xenografts
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1092 Novel PET Probes Specific for Deoxycytidine Kinase

Chengyi J. Shu, Dean O. Campbell, Jason T. Lee, Andrew Q. Tran, Jordan C. Wengrod, Owen N. Witte, Michael E. Phelps, Nagichettiar Satyamurthy, Johannes Czernin, and Caius G. Radu

1099 In Vitro Analysis and In Vivo Tumor Targeting of a Humanized, Grafted Nanobody in Mice Using Pinhole SPECT/Micro-CT

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1107 Molecular Imaging of Matrix Metalloproteinase Activation to Predict Murine Aneurysm Expansion In Vivo

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1116 Dynamic Expression of Tenascin-C After Myocardial Ischemia and Reperfusion: Assessment by ¹²⁵I-Anti-Tenascin-C Antibody Imaging

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1123 Cerenkov Luminescence Imaging of Medical Isotopes

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1139 Monodispersed DOTA-PEG-Conjugated Anti-TAG-72 Diabody Has Low Kidney Uptake and High Tumor-to-Blood Ratios Resulting in Improved ⁶⁴Cu PET

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1147 Dynamic PET Denoising with HYPR Processing

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1155 ¹³¹I-Tositumomab Radioimmunotherapy: Initial Tumor Dose-Response Results Using 3-Dimensional Dosimetry Including Radiobiologic Modeling

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UPCOMING EDUCATION ARTICLES

A Bridge Not Too Far: Linking Disciplines Through Molecular Imaging Probes

John F. Valliant

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