

SNM NEWSLINE

- 13N** Open Publishing Effort Offers Free Access to Past Issues of *JNM* and *JNMT*
- 14N** In Memoriam: Tandra R. Chaudhuri, PhD, 1947–2006
Eva V. Dubovsky
- 16N** SNM Leadership Update: Our Responsibility
Martin P. Sandler and Alexander J. McEwan
- 19N** Public Affairs Update: SNM Comments on Proposed HOPPS Rule
Hugh Cannon
- 20N** Newsbriefs
- 29N** From the Literature

SPECIAL CONTRIBUTION

- 1735** The 2006 Henry N. Wagner Lecture: Of Mice and Men (and Positrons)—Advances in PET Imaging Technology
Simon R. Cherry

INVITED PERSPECTIVE

- 1746** Adjuvant and Combined Radioimmunotherapy: Problems and Prospects on the Road to Minerva
David M. Goldenberg

CLINICAL INVESTIGATIONS

- 1749** A Comparative Regional Analysis of Coronary Atherosclerosis and Calcium Score on Multislice CT Versus Myocardial Perfusion on SPECT
Joanne D. Schuijf, William Wijns, J. Wouter Jukema, Isabel DeCramer, Douwe E. Atsma, Albert de Roos, Marcel P.M. Stokkel, Petra Dibbets-Schneider, Ernst E. van der Wall, and Jeroen J. Bax
- 1756** The Prevalence of Myocardial Ischemia After Concurrent Chemoradiation Therapy as Detected by Gated Myocardial Perfusion Imaging in Patients with Esophageal Cancer
Isis W. Gayed, H. Helen Liu, Syed Wamique Yusuf, Ritusko Komaki, Xiong Wei, Xuanmin Wang, Joe Y. Chang, Joseph Swafford, Lyle Broemeling, and Zhongxing Liao
- 1763** Is Septal Glucose Metabolism Altered in Patients with Left Bundle Branch Block and Ischemic Cardiomyopathy?
Kerry Thompson, George Saab, David Birnie, Benjamin J.W. Chow, Heikki Ukkonen, Karthik Ananthasubramaniam, Robert A. deKemp, Linda Garrard, Terrence D. Ruddy, Jean N. DaSilva, and Rob S.B. Beanlands

- 1769** PET Measurement of Cardiac and Nigrostriatal Denervation in Parkinsonian Syndromes
David M. Raffel, Robert A. Koeppe, Roderick Little, Chia-Ning Wang, Suyu Liu, Larry Junck, Mary Heumann, and Sid Gilman

- 1778** Hypometabolism Exceeds Atrophy in Presymptomatic Early-Onset Familial Alzheimer's Disease
Lisa Mosconi, Sandro Sorbi, Mony J. de Leon, Yi Li, Benedetta Nacmias, Paul S. Myoung, Wai Tsui, Andrea Ginestroni, Valentina Bessi, Mozghan Fayyazz, Paolo Caffarra, and Alberto Pupi

- 1787** Quantification of Protein Synthesis in the Human Brain Using L-[1-¹¹C]-Leucine PET: Incorporation of Factors for Large Neutral Amino Acids in Plasma and for Amino Acids Recycled from Tissue
Senthil K. Sundaram, Otto Muzik, Diane C. Chugani, Fanrong Mu, Thomas J. Mangner, and Harry T. Chugani

- 1796** Metabolite Considerations in the In Vivo Quantification of Serotonin Transporters Using ¹¹C-DASB and PET in Humans
Ramin V. Parsey, Ashish Ojha, R. Todd Ogden, Kjell Erlandsson, Dileep Kumar, Marguerite Landgrebe, Ronald Van Heertum, and J. John Mann

- 1803** Forced Diuresis Improves the Diagnostic Accuracy of ¹⁸F-FDG PET in Abdominopelvic Malignancies
Ehab M. Kamel, Patrice Jichlinski, John O. Prior, Jean-Yves Meuwly, Jean-Francois Delaloye, Laurent Vaucher, Jerome Malterre, Sandra Castaldo, Hans-Juerg Leisinger, and Angelika Bischof Delaloye

- 1808** ¹⁸F-FDG PET Definition of Gross Tumor Volume for Radiotherapy of Non-Small Cell Lung Cancer: Is a Single Standardized Uptake Value Threshold Approach Appropriate?
Kenneth J. Biehl, Feng-Ming Kong, Farrokh Dehdashti, Jian-Yue Jin, Sasa Mutic, Issam El Naqa, Barry A. Siegel, and Jeffrey D. Bradley

- 1813** Sequential ^{99m}Tc-Hydrazinonicotinamide-Annexin V Imaging for Predicting Response to Chemotherapy
Sylvie Rottey, Guido Slegers, Simon Van Belle, Ingeborg Goethals, and Christophe Van de Wiele

CONTINUING EDUCATION

- 1819** Radionuclide Investigations of the Urinary Tract in the Era of Multimodality Imaging
Ariane Boubaker, John O. Prior, Jean-Yves Meuwly, and Angelika Bischof-Delaloye

BASIC SCIENCE INVESTIGATIONS

- 1837** Accurate Noninvasive Measurement of Infarct Size in Mice with High-Resolution PET
Lars Stegger, Anne-Nadine Hoffmeier, Klaus P. Schäfers, Sven Hermann, Otmar Schober, Michael A. Schäfers, and Gregor Theilmeyer

1845 Application of ¹⁸F-FDG PET for Monitoring the Therapeutic Effect of Antiinflammatory Drugs on Stabilization of Vulnerable Atherosclerotic Plaques

Mikako Ogawa, Yasuhiro Magata, Takashi Kato, Kentaro Hatano, Seigo Ishino, Takahiro Mukai, Masashi Shiomi, Kengo Ito, and Hideo Saji

1851 Evidence that Myocardial Na/I Symporter Gene Imaging Does Not Perturb Cardiac Function

Kyung-Han Lee, Jun-Sang Bae, Sang-Chul Lee, Jin-Young Paik, Takashi Matsui, Kyung-Ho Jung, Bong-Ho Ko, and Byung-Tae Kim

1858 Construction and Evaluation of Multitracer Small-Animal PET Probabilistic Atlases for Voxel-Based Functional Mapping of the Rat Brain

Cindy Casteels, Peter Vermaelen, Johan Nuyts, Annemie Van Der Linden, Veerle Baekelandt, Luc Mortelmans, Guy Bormans, and Koen Van Laere

1867 Radioimmunotherapy Is an Effective Adjuvant Treatment After Cytoreductive Surgery of Experimental Colonic Peritoneal Carcinomatosis

Manuel J. Koppe, Thijs Hendriks, Otto C. Boerman, Wim J.G. Oyen, and Robert P. Bleichrodt

1875 Linear Regression Model for Predicting Patient-Specific Total Skeletal Spongiosa Volume for Use in Molecular Radiotherapy Dosimetry

James M. Brindle, A. Alexandre Trindade, Amish P. Shah, Derek W. Jokisch, Phillip W. Patton, J. Carlos Pichardo, and Wesley E. Bolch

1884 On-Axis Sensitivity and Resolution of a Slit-Slat Collimator

Scott D. Metzler, Roberto Accorsi, John R. Novak, Ahmet S. Ayan, and Ronald J. Jaszczyk

1891 Performance Evaluation of the GE Healthcare eXplore VISTA Dual-Ring Small-Animal PET Scanner

Yuchuan Wang, Jurgen Seidel, Benjamin M.W. Tsui, Juan J. Vaquero, and Martin G. Pomper

DEPARTMENTS

1901 Letters to the Editor

9A This Month in JNM

35A Recruitment Advertising

40A JNM Direct Response

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Osteoporosis Redux

Brian Lentle and Daniel Worsley

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