

SNM NEWSLINE

- 14N** **NAS Study Supports Enhanced Funding for Nuclear Medicine Research**
- 18N** **Nuclear Medicine Technologists' Scope of Practice Updated**
- 20N** **In Memoriam: Tom R. Miller, MD, PhD**
Henry D. Royal and Barry A. Siegel
- 21N** **Molecular Imaging Update: Inside MI: Spreading the Word**
Marybeth Howlett
- 21N** **Maintenance of Certification Update: MOC Part IV: Practical Issues**
Henry D. Royal
- 23N** **SNM Leadership Update: Funding Nuclear Medicine Research**
Alexander J. McEwan
- 24N** **Health Policy Update: Restoring Federal Commitment to Basic Nuclear Medicine Research**
Hugh Cannon
- 25N** **Newsbriefs**
- 29N** **From the Literature**

INVITED PERSPECTIVE

- 1753** **Radionuclide Techniques for Identifying Vulnerable Plaque**
Mark P. S. Dunphy, Heiko Schoder, and H. William Strauss

CLINICAL INVESTIGATIONS

- 1756** **The Additional Value of SPECT/CT in Lymphatic Mapping in Breast Cancer and Melanoma**
Iris M.C. van der Ploeg, Renato A. Valdés Olmos, Omgo E. Nieweg, Emiel J.Th. Rutgers, Bin B.R. Kroon, and Cornelis A. Hoefnagel
- 1761** **¹⁸F-FDG PET for Mediastinal Staging of Lung Cancer: Which SUV Threshold Makes Sense?**
Dirk Hellwig, Thomas P. Graeter, Dieter Ukena, Andreas Groeschel, Gerhard W. Sybrecht, Hans-Joachim Schaefers, and Carl-Martin Kirsch
- 1767** **Comparison of ⁹⁰Y-Ibritumomab Tiuxetan and ¹³¹I-Tositumomab in Clinical Practice**
Heather A. Jacene, Ross Filice, Wayne Kasecamp, and Richard L. Wahl

- 1777** **Decreased Myocardial β -Adrenergic Receptor Density in Relation to Increased Sympathetic Tone in Patients with Nonischemic Cardiomyopathy**
Takahiro Tsukamoto, Koichi Morita, Masanao Naya, Masayuki Inubushi, Chietsugu Katoh, Kenichi Nishijima, Yuji Kuge, Hiroshi Okamoto, Hiroyuki Tsutsui, and Nagara Tamaki

- 1783** **Absolute Quantification of Myocardial Blood Flow with ¹³N-Ammonia and 3-Dimensional PET**
Tiziano Schepis, Oliver Gaemperli, Valerie Treyer, Ines Valenta, Cyrill Burger, Pascal Koepfli, Mehdi Namdar, Itaru Adachi, Hatem Alkadhi, and Philipp A. Kaufmann

BRIEF COMMUNICATIONS

- 1790** **Localization of Dystonic Muscles with ¹⁸F-FDG PET/CT in Idiopathic Cervical Dystonia**
Duk Hyun Sung, Joon Young Choi, Du-Hwan Kim, Eun-Sang Kim, Young-Ik Son, Young-Seok Cho, Su Jin Lee, Kyung-Han Lee, and Byung-Tae Kim
- 1796** **An Implantable Synthetic SPECT Lesion: A Bridge from Phantom to Reality**
M. Bret Abbott, Lars R. Furenlid, Don W. Wilson, Gail D. Stevenson, James M. Woolfenden, and Harrison H. Barrett

CONTINUING EDUCATION

- 1800** **Role of Inflammation in Atherosclerosis**
Luigi Giusto Spagnoli, Elena Bonanno, Giuseppe Sangiorgi, and Alessandro Mauriello

BASIC SCIENCE INVESTIGATIONS

- 1816** **Radiolabeled Monocyte Chemotactic Protein 1 for the Detection of Inflammation in Experimental Atherosclerosis**
Dagmar Hartung, Artiom Petrov, Nezam Haider, Shinichiro Fujimoto, Francis Blankenberg, Ai Fujimoto, Renu Virmani, Frank D. Kolodgie, H. William Strauss, and Jagat Narula
- 1822** **Monitoring the Protective Effects of Minocycline Treatment with Radiolabeled Annexin V in an Experimental Model of Focal Cerebral Ischemia**
Xian Nan Tang, Qing Wang, Maya A. Koike, Danye Cheng, Michael L. Goris, Francis G. Blankenberg, and Midori A. Yenari
- 1829** **Temporal Change in Human Nicotinic Acetylcholine Receptor After Smoking Cessation: 5IA SPECT Study**
Marcelo Mamede, Koichi Ishizu, Masashi Ueda, Takahiro Mukai, Yasuhiko Iida, Hidekazu Kawashima, Hidenao Fukuyama, Kaori Togashi, and Hideo Saji
- 1836** **Morphologic and Functional Changes in Nontumorous Liver Tissue After Radiofrequency Ablation in an In Vivo Model: Comparison of ¹⁸F-FDG PET/CT, MRI, Ultrasound, and CT**
Florian M. Vogt, Gerald Antoch, Patrick Veit, Lutz S. Freudenberg, Nina Blechschmid, Olaf Diersch, Andreas Bockisch, Jörg Barkhausen, and Hilmar Kuehl

1845 Cell Culture and Xenograft-Bearing Animal Studies of Radiolabeled Antisense DNA-Carrier Nanoparticles with Streptavidin as a Linker

Kayoko Nakamura, Yi Wang, Xinrong Liu, Atsushi Kubo, and Donald J. Hnatowich

1853 ¹¹C-AC-5216: A Novel PET Ligand for Peripheral Benzodiazepine Receptors in the Primate Brain

Ming-Rong Zhang, Katsushi Kumata, Jun Maeda, Kazuhiko Yanamoto, Akiko Hatori, Maki Okada, Makoto Higuchi, Shigeru Obayashi, Tetsuya Suhara, and Kazutoshi Suzuki

1862 Dual-Function Probe for PET and Near-Infrared Fluorescence Imaging of Tumor Vasculature

Weibo Cai, Kai Chen, Zi-Bo Li, Sanjiv S. Gambhir, and Xiaoyuan Chen

1871 High-Dose Radioimmunotherapy with ⁹⁰Y-Ibritumomab Tiuxetan: Comparative Dosimetric Study for Tailored Treatment

Marta Cremonesi, Mahila Ferrari, Chiara Maria Grana, Anna Vanazzi, Mike Stabin, Mirco Bartolomei, Stefano Papi, Gennaro Prisco, Giovanni Martinelli, Giovanni Paganelli, and Pier Francesco Ferrucci

1880 Method for Estimating Skeletal Spongiosa Volume and Active Marrow Mass in the Adult Male and Adult Female

Jose C. Pichardo, Alexander A. Trindade, James M. Brindle, and Wesley E. Bolch

1889 Image-Derived Input Function for Assessment of ¹⁸F-FDG Uptake by the Inflamed Lung

Tobias Schroeder, Marcos F. Vidal Melo, Guido Musch, R. Scott Harris, Jose G. Venegas, and Tilo Winkler

1897 Egg Labeling Methods for Gastric Emptying Scintigraphy Are Not Equivalent in Producing a Stable Solid Meal

Linda C. Knight, Steven Kantor, Siva Doma, Henry P. Parkman, and Alan H. Maurer

SPECIAL CONTRIBUTION

1901 The National Oncologic PET Registry (NOPR): Design and Analysis Plan

Bruce E. Hillner, Dawei Liu, R. Edward Coleman, Anthony F. Shields, Ilana F. Gareen, Lucy Hanna, Sharon Hartson Stine, and Barry A. Siegel

DEPARTMENTS

1789 Erratum

1909 Book Reviews

1911 Letters to the Editor

11A This Month in JNM

35A Recruitment Advertising

46A JNM Direct Response

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UPCOMING EDUCATION ARTICLES

Nuclear Imaging in Cardiac Resynchronization Therapy

Maureen M. Henneman, Ernst E. van der Wall, Claudia Ypenburg, Gabe B. Bleeker, Nico R. van de Veire, Nina Ajmone Marsan, Ji Chen, Ernest V. Garcia, Jos J.M. Westenberg, Martin J. Schalij, and Jeroen J. Bax

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