

SNM NEWSLINE

- 11N** SNM Updates *Clinician's Guide to Nuclear Medicine*
- 19N** Two Annual Lectureships Introduced at SNM 2006
Heinrich Schelbert
- 20N** Loevinger–Berman Award Presented to Brownell
Barry W. Wessels
- 21N** Minoshima Receives 2006 Kuhl–Lassen Award
- 22N** King Receives Hoffman Award
- 24N** SNM Leadership Update: *JNM*: Professional Fuel
Martin P. Sandler
- 25N** Public Affairs Update: NRC Regulation of Accelerator Products
Hugh Cannon
- 26N** Newsbriefs
- 30N** From the Literature

INVITED PERSPECTIVES

- 1397** CT Coronary Angiography: Where Does It Fit?
Marcelo F. Di Carli
- 1400** Molecular Position of Radiolabels and Its Impact on Functional Integrity of Proteins
Michael Eisenhut and Uwe Haberkorn
- 1403** Thyroid Stunning Revisited
James M. Woolfenden

CLINICAL INVESTIGATIONS

- 1406** The So-Called Stunning of Thyroid Tissue
James C. Sisson, Anca M. Avram, Susan A. Lawson, Paul G. Gauger, and Gerard M. Doherty
- 1413** Effect of Diabetes Mellitus on Sympathetic Neuronal Regeneration Studied in the Model of Transplant Reinnervation
Frank M. Bengel, Peter Ueberfuhr, Dominik Schäfer, Stephan G. Nekolla, Bruno Reichart, and Markus Schwaiger
- 1420** Repeatability of Cold Pressor Test-Induced Flow Increase Assessed with H₂¹⁵O and PET
Patrick T. Siegrist, Oliver Gaemperli, Pascal Koepfli, Tiziano Schepis, Mehdi Namdar, Ines Valenta, Floreana Aiello, Samuel Fleischmann, Hatem Alkadhi, and Philipp A. Kaufmann

- 1427** Evaluation of In Vivo P-Glycoprotein Function at the Blood–Brain Barrier Among MDR1 Gene Polymorphisms by Using ¹¹C-Verapamil
Akihiro Takano, Hiroyuki Kusuhara, Tetsuya Suhara, Ichiro Ieiri, Takuya Morimoto, Young-Joo Lee, Jun Maeda, Yoko Ikoma, Hiroshi Ito, Kazutoshi Suzuki, and Yuichi Sugiyama

- 1434** Integrin Receptor Imaging of Breast Cancer: A Proof-of-Concept Study to Evaluate ^{99m}Tc-NC100692

Tore Bach-Gansmo, Rimma Danielsson, Ariel Saracco, Brigitte Wilczek, Trond V. Bogsrud, Anne Fangberget, Åse Tangerud, and Derek Tobin

- 1440** Dual Time Point ¹⁸F-FDG PET Imaging Detects Breast Cancer with High Sensitivity and Correlates Well with Histologic Subtypes

Ayse Mavi, Muammer Urhan, Jian Q. Yu, Hongming Zhuang, Mohamed Houseni, Teyfik F. Cermik, Dhurairaj Thiruvenkatasamy, Brian Czerniecki, Mitchell Schnall, and Abass Alavi

- 1447** Differential Roles of ¹⁸F-FDG PET in Patients with Locoregional Advanced Nasopharyngeal Carcinoma After Primary Curative Therapy: Response Evaluation and Impact on Management
Sheng-Chieh Chan, Tzu-Chen Yen, Shu-Hang Ng, Chien-Yu Lin, Hung-Ming Wang, Chun-Ta Liao, Kang-Hsing Fan, and Joseph Tung-Chieh Chang

- 1455** Can Fluorodihydroxyphenylalanine PET Replace Somatostatin Receptor Scintigraphy in Patients with Digestive Endocrine Tumors?

Françoise Montravers, Dany Grahek, Khaldoun Kerrou, Philippe Ruszniewski, Virginie de Beco, Nicolas Aide, Fabrice Gutman, Jean-Didier Grangé, Jean-Pierre Lotz, and Jean-Noël Talbot

- 1463** Effect of Sequential Administration of an Opioid and Cholecystokinin on Gallbladder Ejection Fraction: Brief Communication

Shakuntala Krishnamurthy and Gerbail T. Krishnamurthy

CONTINUING EDUCATION

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Marta Cremonesi, Mahila Ferrari, Lisa Bodei, Giampiero Tosi, and Giovanni Paganelli

BASIC SCIENCE INVESTIGATIONS

- 1476** Patient-Specific Dosimetry Calculations Using Mathematic Models of Different Anatomic Sizes During Therapy with ¹¹¹In-DTPA-D-Phe¹-Octreotide Infusions After Catheterization of the Hepatic Artery

Dimitrios K. Kontogeorgakos, Panagiotis A. Dimitriou, Georgios S. Limouris, and Lambros J. Vlahos

1483 **Locoregional Delivery of Adenoviral Vectors**

Maarten ter Horst, Suzanne M. Verwijnen, Eric Brouwer, Rob C. Hoeben, Marion de Jong, Bertie H.C.G.M. de Leeuw, and Peter A.E. Sillevs Smitt

1490 **Dependence of Cardiac ¹¹C-meta-Hydroxyephedrine Retention on Norepinephrine Transporter Density**

David M. Raffel, Wei Chen, Phillip S. Sherman, David L. Gildersleeve, and Yong-Woon Jung

1497 **Noninvasive Imaging of Atherosclerotic Lesions in Apolipoprotein E-Deficient and Low-Density-Lipoprotein Receptor-Deficient Mice with Annexin A5**

Satoshi Isobe, Sotirios Tsimikas, Jun Zhou, Shinichiro Fujimoto, Masayoshi Sarai, Michael J. Branks, Ai Fujimoto, Leonard Hofstra, Chris P. Reutelingsperger, Toyoaki Murohara, Renu Virmani, Frank D. Kolodgie, Navneet Narula, Artiom Petrov, and Jagat Narula

1506 **Troponin I Overexpression Inhibits Tumor Growth, Perfusion, and Vascularization of Morris Hepatoma**

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1515 **Angiopoietin-2 Overexpression in Morris Hepatoma Results in Increased Tumor Perfusion and Induction of Critical Angiogenesis-Promoting Genes**

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1525 **Tumor ¹⁸F-FDG Incorporation Is Enhanced by Attenuation of P53 Function in Breast Cancer Cells In Vitro**

Tim A.D. Smith, Rituka I. Sharma, Alastair M. Thompson, and Fiona E.M. Paulin

1531 **Quantitative Analysis of ¹¹C-Verapamil Transfer at the Human Blood-Brain Barrier for Evaluation of P-glycoprotein Function**

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1538 **Early Response of σ -Receptor Ligands and Metabolic PET Tracers to 3 Forms of Chemotherapy: An In Vitro Study in Glioma Cells**

Aren van Waarde, Lukas B. Been, Kiichi Ishiwata, Rudi A. Dierckx, and Philip H. Elsinga

1546 **Improved Detection of Cell Death In Vivo with Annexin V Radiolabeled by Site-Specific Methods**

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UPCOMING EDUCATION ARTICLES

Understanding Radiologic and Nuclear Terrorism as Public Health Threats: Preparedness and Response Perspectives

Daniel J. Barnett, Cindy L. Parker, David W. Blodgett, Rachel K. Wierzbica, and Jonathan M. Links

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