

SNM NEWSLINE

- 13N** 2006 SNM Highlights Lecture: From Molecular Imaging to Molecular Medicine
Henry N. Wagner, Jr.
- 40N** SNM Leadership Update: New Direction
Virginia Pappas
- 41N** Public Affairs Update: FDA Sessions a Big Hit at SNM 2006
Hugh Cannon
- 42N** Newsbriefs
- 45N** From the Literature

INVITED PERSPECTIVES

- 1235** ^{18}F -FDG PET After Radiofrequency Ablation: Is Timing Everything?
Norbert Avril
- 1238** Targeted α -Particle Therapy of Microscopic Disease: Providing a Further Rationale for Clinical Investigation
Michael R. Zalutsky

CLINICAL INVESTIGATIONS

- 1241** ^{18}F -FDG PET Is an Early Predictor of Pathologic Tumor Response to Preoperative Radiochemotherapy in Locally Advanced Rectal Cancer
Giuseppe Lucio Cascini, Antonio Avallone, Paolo Delrio, Cesare Guida, Fabiana Tatangelo, Pietro Marone, Luigi Aloj, Francesco De Martinis, Pasquale Comella, Valerio Parisi, and Secondo Lastoria
- 1249** Imaging Prostate Cancer with ^{11}C -Choline PET/CT
Sven N. Reske, Norbert M. Blumstein, Bernd Neumaier, Hans-Werner Gottfried, Frank Finsterbusch, Dariusz Kocot, Peter Möller, Gerhard Glatting, and Sven Perner
- 1255** Additional Value of PET/CT over PET in Assessment of Locoregional Lymph Nodes in Thoracic Esophageal Squamous Cell Cancer
Shuanghu Yuan, Yonghua Yu, K.S. Clifford Chao, Zheng Fu, Yong Yin, Tonghai Liu, Shaoqing Chen, Xinhua Yang, Guoren Yang, Hongbo Guo, and Jinming Yu
- 1260** Diagnostic Accuracy and Prognostic Value of ^{18}F -FDG PET in Hürthle Cell Thyroid Cancer Patients
Daniel A. Pryma, Heiko Schöder, Mithat Gönen, Richard J. Robbins, Steven M. Larson, and Henry W.D. Yeung

- 1267** Detection of Richter's Transformation of Chronic Lymphocytic Leukemia by PET/CT
John F. Bruzzi, Homer Macapinlac, Apostolia M. Tsimberidou, Mylene T. Truong, Michael J. Keating, Edith M. Marom, and Reginald F. Munden
- 1274** Increased ^{18}F -FDG Uptake in Degenerative Disease of the Spine: Characterization with ^{18}F -FDG PET/CT
Ron S. Rosen, Laura Fayad, and Richard L. Wahl
- 1281** Increased Uptake of ^{111}In -Octreotide in Idiopathic Pulmonary Fibrosis
Rachida Lebtahi, Severine Moreau, Sylvain Marchand-Adam, Marie-Pierre Debray, Michel Brauner, Paul Soler, Joëlle Marchal, Olivier Raguin, Anne Gruaz-Guyon, Jean-Claude Reubi, Dominique Le Guludec, and Bruno Crestani
- 1288** Comparison of 64-Slice CT with Gated SPECT for Evaluation of Left Ventricular Function
Tiziano Schepis, Oliver Gaemperli, Pascal Koepfli, Ines Valenta, Klaus Strobel, Andrea Brunner, Sebastian Leschka, Lotus Desbiolles, Lars Husmann, Hatem Alkadhi, and Philipp A. Kaufmann
- 1295** Tissue Distribution of ^{18}F -FDG-Labeled Peripheral Hematopoietic Stem Cells After Intracoronary Administration in Patients with Myocardial Infarction
Won Jun Kang, Hyun-Jae Kang, Hyo-Soo Kim, June-Key Chung, Myung Chul Lee, and Dong Soo Lee
- 1302** Prognostic Stratification of Obese Patients by Stress $^{99\text{m}}\text{Tc}$ -Tetrofosmin Myocardial Perfusion Imaging
Abdou Elhendy, Arend F.L. Schinkel, Ron T. van Domburg, Jeroen J. Bax, Roelf Valkema, Elena Biagini, and Don Poldermans
- 1307** Nitrate Administration Increases Blood Flow in Dysfunctional but Viable Myocardium, Leading to Improved Assessment of Myocardial Viability: A PET Study
Riemer H.J.A. Slart, Ali Agoor, Dirk J. van Veldhuisen, Rudi A. Dierckx, and Jeroen J. Bax
- 1312** Clinically Significant Abnormal Findings on the "Nondiagnostic" CT Portion of Low-Amperage-CT Attenuation-Corrected Myocardial Perfusion SPECT/CT Studies
Sibyll Goetze, Harpreet K. Pannu, and Richard L. Wahl
- 1319** Response-Dependent Differences in Regional Cerebral Blood Flow Changes with Citalopram in Treatment of Major Depression
Alexius Y. Joe, Thomas Tielmann, Jan Bucerius, Michael J. Reinhardt, Holger Palmedo, Wolfgang Maier, Hans-Juergen Biersack, and Astrid Zobel

CONTINUING EDUCATION

- 1326** The Role of PET in Lymphoma
Yuliya S. Jhanwar and David J. Straus

BASIC SCIENCE INVESTIGATIONS

- 1335** **Anti-CD45 Monoclonal Antibody YAML568: A Promising Radioimmunoconjugate for Targeted Therapy of Acute Leukemia**
Gerhard Glattig, Marguerite Müller, Bernd Koop, Kathrin Hohl, Claudia Friesen, Bernd Neumaier, Eleanor Berrie, Pru Bird, Geoffrey Hale, Norbert M. Blumstein, Herman Waldmann, Donald Bunjes, and Sven N. Reske
- 1342** **α -Radioimmunotherapy of Intraperitoneally Growing OVCAR-3 Tumors of Variable Dimensions: Outcome Related to Measured Tumor Size and Mean Absorbed Dose**
Jörgen Elgqvist, Håkan Andersson, Tom Bäck, Ingela Claesson, Ragnar Hultborn, Holger Jensen, Bengt R. Johansson, Sture Lindegren, Marita Olsson, Stig Palm, Elisabet Warnhammar, and Lars Jacobsson
- 1351** **^{18}F -FDG Small-Animal PET for Monitoring the Therapeutic Effect of CT-Guided Radiofrequency Ablation on Implanted VX2 Lung Tumors in Rabbits**
Tomohisa Okuma, Toshiyuki Matsuoka, Terue Okamura, Yasuhiro Wada, Akira Yamamoto, Yoshimasa Oyama, Koichi Koyama, Kenji Nakamura, Yasuyoshi Watanabe, and Yuichi Inoue
- 1359** **Characterization of Uptake of the New PET Imaging Compound ^{18}F -Fluorobenzyl Triphenyl Phosphonium in Dog Myocardium**
Igal Madar, Hayden T. Ravert, Yong Du, John Hilton, Lana Volokh, Robert F. Dannals, James J. Frost, and Joshua M. Hare
- 1367** **$^{99\text{m}}\text{Tc}$ -Labeled C2A Domain of Synaptotagmin I as a Target-Specific Molecular Probe for Noninvasive Imaging of Acute Myocardial Infarction**
Ming Zhao, Xiaoguang Zhu, Shundong Ji, Jundong Zhou, Kutlan S. Ozker, Wei Fang, Robert C. Molthen, and Robert S. Hellman

- 1375** **Acquisition Settings for PET of ^{124}I Administered Simultaneously with Therapeutic Amounts of ^{131}I**
Mark Lubberink, Annelies van Schie, Hugo W.A.M. de Jong, Guus A.M.S. van Dongen, and Gerrit J.J. Teule
- 1382** **In Vitro Studies on the Signal Transduction of Thyroidal Uptake of ^{18}F -FDG and ^{131}I -Iodide**
Daniel Bläser, Simone Maschauer, Torsten Kuwert, and Olaf Prante

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UPCOMING EDUCATION ARTICLES

Dosimetry in Peptide Radionuclide Receptor Therapy: A Review

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

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