

SNM NEWSLINE

- 13N** Report on Radiology Medication Errors Provokes Alarms, Responses, and Recommendations
- 15N** Thyroid Reports: Insight into Radioiodine Ablation and New Guidelines for Nodule Management
- 16N** SNM 2006 Scientific Program Explores Expanding Imaging Technologies
- 19N** SNM Leadership Update: Converting Activity into Visibility
Martin P. Sandler
- 20N** Newsbriefs
- 27N** From the Literature

INVITED PERSPECTIVE

- 375** Receptor Radionuclide Therapy of Tumors: A Road from Basic Research to Clinical Applications
Lisa Bodei, Giovanni Paganelli, and Giuliano Mariani

CLINICAL INVESTIGATIONS

- 378** Cardiac Efficiency and Oxygen Consumption Measured with ^{11}C -Acetate PET After Long-Term Cardiac Resynchronization Therapy
Oliver Lindner, Jens Sørensen, Jürgen Vogt, Eva Fricke, Detlev Baller, Dieter Horstkotte, and Wolfgang Burchert
- 384** Dual-Tracer Dopamine Transporter and Perfusion SPECT in Differential Diagnosis of Parkinsonism Using Template-Based Discriminant Analysis
Koenraad Van Laere, Cindy Casteels, Liesbet De Ceuninck, Bert Vanbilloen, Alex Maes, Luc Mortelmans, Wim Vandenberghe, Alfons Verbruggen, and René Dom
- 393** Analysis of ^{18}F -FET PET for Grading of Recurrent Gliomas: Is Evaluation of Uptake Kinetics Superior to Standard Methods?
Gabriele Pöpperl, Friedrich W. Kreth, Jochen Herms, Walter Koch, Jan H. Mehrkens, Franz J. Gildehaus, Hans A. Kretschmar, Jörg C. Tonn, and Klaus Tatsch
- 404** Low Efficacy of ^{18}F -FDG PET for Detection of Uveal Malignant Melanoma Compared with ^{123}I -IMP SPECT
Katsuhiko Kato, Toshinobu Kubota, Mitsuru Ikeda, Masanori Tadokoro, Shinji Abe, Satoshi Nakano, Masanari Nishino, Hidetoshi Kobayashi, and Takeo Ishigaki

- 410** Correlation of Hypoxic Cell Fraction and Angiogenesis with Glucose Metabolic Rate in Gliomas Using ^{18}F -Fluoromisonidazole, ^{18}F -FDG PET, and Immunohistochemical Studies

Lawrence M. Cher, Carmel Murone, Nathan Lawrentschuk, Shanker Ramdave, Anthony Papenfuss, Anthony Hannah, Graeme J. O'Keefe, John I. Sachinidis, Salvatore U. Berlangieri, Gavin Fabinyi, and Andrew M. Scott

- 419** Microvessel Density: Correlation with ^{18}F -FDG Uptake and Prognostic Impact in Lung Adenocarcinomas
JianFei Guo, Kotaro Higashi, Yoshimichi Ueda, Manabu Oguchi, Tsutomu Takegami, Hirohisa Toga, Tsutomu Sakuma, Hajime Yokota, Shogo Katsuda, Hisao Tonami, and Itaru Yamamoto

- 426** Accuracy of PET for Diagnosis of Solid Pulmonary Lesions with ^{18}F -FDG Uptake Below the Standardized Uptake Value of 2.5

Yaichiro Hashimoto, Tetsuya Tsujikawa, Chisato Kondo, Masako Maki, Mitsuru Momose, Atsushi Nagai, Takamasa Ohnuki, Toshio Nishikawa, and Kiyoko Kusakabe

- 432** Renal Uptake of Radiolabeled Octreotide in Human Subjects Is Efficiently Inhibited by Succinylated Gelatin

Erik Vegt, Jack F.M. Wetzels, Frans G.M. Russel, Rosalinde Masereeuw, Otto C. Boerman, Juliette E. van Eerd, Frans H.M. Corstens, and Wim J.G. Oyen

- 437** Characteristics and Regulation of ^{123}I -MIBG Transport in Cultured Pulmonary Endothelial Cells

Kyung-Han Lee, Bong-Ho Ko, Jin-Young Paik, Kyung-Ho Jung, Jun-Sang Bae, Joon-Young Choi, Yearn Seong Choe, and Byung-Tae Kim

- 443** Tissue Characterization of Solitary Pulmonary Nodule: Comparative Study Between Helical Dynamic CT and Integrated PET/CT

Chin A Yi, Kyung Soo Lee, Byung-Tae Kim, Joon Young Choi, O. Jung Kwon, Hojoong Kim, Young Mog Shim, and Myung Jin Chung

CONTINUING EDUCATION

- 451** PET Evaluation of Lung Cancer

Tira Bunyaviroch and R. Edward Coleman

BASIC SCIENCE INVESTIGATIONS

- 470** Optimized Contrast-Enhanced CT Protocols for Diagnostic Whole-Body ^{18}F -FDG PET/CT: Technical Aspects of Single-Phase Versus Multiphase CT Imaging

Klaus Brechtel, Magnus Klein, Monika Vogel, Marc Mueller, Philip Aschoff, Thomas Beyer, Susanna M. Eschmann, Roland Bares, Claus D. Claussen, and Anna C. Pfannenber

- 477** Assessment of Myocardial Blood Flow Using ^{15}O -Water and $1\text{-}^{11}\text{C}$ -Acetate in Rats with Small-Animal PET

Pilar Herrero, Joonyoung Kim, Terry L. Sharp, John A. Engelbach, Jason S. Lewis, Robert J. Gropler, and Michael J. Welch

486 Improved Expression of γ -Aminobutyric Acid Receptor in Mice with Cerebral Infarct and Transplanted Bone Marrow Stromal Cells: An Autoradiographic and Histologic Analysis
Hideo Shichinohe, Satoshi Kuroda, Shunsuke Yano, Takako Ohnishi, Hiroshi Tamagami, Kazutoshi Hida, and Yoshinobu Iwasaki

492 ^{18}F -Labeled Bombesin Analogs for Targeting GRP Receptor-Expressing Prostate Cancer
Xianzhong Zhang, Weibo Cai, Feng Cao, Eduard Schreiber, Yun Wu, Joseph C. Wu, Lei Xing, and Xiaoyuan Chen

502 Internalization of sst_2 , sst_3 , and sst_5 Receptors: Effects of Somatostatin Agonists and Antagonists
Renzo Cascato, Stefan Schulz, Beatrice Waser, Véronique Eltschinger, Jean E. Rivier, Hans-Jürgen Wester, Michael Culler, Mihaela Ginj, Qisheng Liu, Agnes Schonbrunn, and Jean Claude Reubi

512 Comparative In Vivo Evaluation of Technetium and Iodine Labels on an Anti-HER2 Affibody for Single-Photon Imaging of HER2 Expression in Tumors
Anna Orlova, Fredrik Y. Nilsson, Maria Wikman, Charles Widström, Stefan Ståhl, Jörgen Carlsson, and Vladimir Tolmachev

520 PET Imaging of the Dopamine Transporter with ^{18}F -FECNT: A Polar Radiometabolite Confounds Brain Radioligand Measurements
Sami S. Zoghbi, H. Umesha Shetty, Masanori Ichise, Masahiro Fujita, Masao Imaizumi, Jeih-San Liow, Jay Shah, John L. Musachio, Victor W. Pike, and Robert B. Innis

528 Gelatin-Based Plasma Expander Effectively Reduces Renal Uptake of ^{111}In -Octreotide in Mice and Rats
Julliette E.M. van Eerd, Erik Vegt, Jack F.M. Wetzels, Frans G.M. Russel, Rosalinde Masereeuw, Frans H.M. Corstens, Wim J.G. Oyen, and Otto C. Boerman

534 ^{166}Ho -DOTMP Radiation-Absorbed Dose Estimation for Skeletal Targeted Radiotherapy
Hazel B. Breitz, Richard E. Wendt III, Michael S. Stabin, Sui Shen, William D. Erwin, Joseph G. Rajendran, Janet F. Eary, Lawrence Durack, Ebrahim Delpassand, William Martin, and Ruby F. Meredith

543 Angiostatin Overexpression in Morris Hepatoma Results in Decreased Tumor Growth but Increased Perfusion and Vascularization
Kerstin Schmidt, Johannes Hoffend, Annette Altmann, Ludwig G. Strauss, Antonia Dimitrakopoulou-Strauss, Britta Engelhardt, Dirk Koczan, Jörg Peter, Thomas J. Dengler, Walter Mier, Michael Eisenhut, Uwe Haberkorn, and Ralf Kinscherf

DEPARTMENTS

552 Letters to the Editor

7A This Month in JNM

34A Recruitment Advertising

38A JNM Direct Response

JNM ONLINE

jnm.snmjournals.org

Newsline Online
www.snm.org/newsline

Information for Authors
http://www.snm.org/journals/jnm_author_info

Continuing Education Activities
http://www.snm.org/ce_online