

SNM NEWSLINE

- 15N** *JNM* Earns Top Imaging Impact Factor
- 15N** 2011 Image of the Year
- 16N** Consensus Report on Standardization of Sinicalde Cholescintigraphy
Harvey A. Ziessman, Mark Tulchinsky, and Alan Maurer
- 17N** Gambhir Receives de Hevesy Nuclear Pioneer Award
- 18N** Schwaiger Honored with 2011 Aegersold Award
- 19N** Molecular Imaging Update: Molecular Imaging Curriculum Overdue
Linda C. Knight
- 19N** 50 Years Ago in *JNM*
John McAfee
- 20N** SNM Leadership Update: Renewed Energy for Nuclear Medicine and Molecular Imaging
Virginia Pappas
- 21N** Newsbriefs
- 22N** From the Literature

FOCUS ON MOLECULAR IMAGING

- 1167** Imaging Targets of the Sympathetic Nervous System of the Heart: Translational Considerations
Frank M. Bengel

INVITED PERSPECTIVE

- 1171** Immuno-PET of Cancer: A Revival of Antibody Imaging
Otto C. Boerman and Wim J.G. Oyen

CLINICAL INVESTIGATIONS

- 1173** ^{124}I -huA33 Antibody PET of Colorectal Cancer
Jorge A. Carrasquillo, Neeta Pandit-Taskar, Joseph A. O'Donoghue, John L. Humm, Pat Zanzonico, Peter M. Smith-Jones, Chaitanya R. Divgi, Daniel A. Pryma, Shutian Ruan, Nancy E. Kemeny, Yuman Fong, Douglas Wong, Jaspreet S. Jaggi, David A. Scheinberg, Mithat Gonen, Katherine S. Panageas, Gerd Ritter, Achim A. Jungbluth, Lloyd J. Old, and Steven M. Larson
- 1181** Tumor 3'-Deoxy-3'- ^{18}F -Fluorothymidine (^{18}F -FLT) Uptake by PET Correlates with Thymidine Kinase 1 Expression: Static and Kinetic Analysis of ^{18}F -FLT PET Studies in Lung Tumors
J. Scott Brockenbrough, Timothee Souquet, Janice K. Morihara, Joshua E. Stern, Stephen E. Hawes, Janet S. Rasey, Antoine Leblond, Linda W. Wiens, Qinghua Feng, John Grierson, and Hubert Vesselle

- 1189** ^{18}F -FDG PET-Guided Salvage Neoadjuvant Radiochemotherapy of Adenocarcinoma of the Esophagogastric Junction: The MUNICON II Trial
Christian Meyer zum Büschenfelde, Ken Herrmann, Tibor Schuster, Hans Geinitz, Rupert Langer, Karin Becker, Katja Ott, Matthias Ebert, Frank Zimmermann, Helmut Friess, Markus Schwaiger, Christian Peschel, Florian Lordick, and Bernd Joachim Krause

- 1197** Response and Long-Term Control of Bone Metastases After Peptide Receptor Radionuclide Therapy with ^{177}Lu -Octreotate
Samer Ezziddin, Amir Sabet, Florian Heinemann, Charlotte J. Yong-Hing, Hojjat Ahmadzadehfar, Stefan Guhlke, Tobias Höller, Winfried Willinek, Christian Boy, and Hans-Jürgen Biersack

- 1204** Semiconductor Detectors Allow Low-Dose–Low-Dose 1-Day SPECT Myocardial Perfusion Imaging
Rene Nkoulou, Aju P. Pazhenkottil, Silke M. Kuest, Jelena R. Ghadri, Mathias Wolfrum, Lars Husmann, Michael Fiechter, Ronny R. Buechel, Bernhard A. Herzog, Pascal Koepfli, Cyrill Burger, Oliver Gaemperli, and Philipp A. Kaufmann

- 1210** Amyloid Imaging with ^{18}F -Florbetaben in Alzheimer Disease and Other Dementias
Victor L. Villemagne, Kevin Ong, Rachel S. Mulligan, Gerhard Holl, Svetlana Pejaska, Gareth Jones, Graeme O'Keefe, Uwe Ackerman, Henri Tochon-Danguy, J. Gordon Chan, Cornelia B. Reiningger, Lueder Fels, Barbara Putz, Beate Rohde, Colin L. Masters, and Christopher C. Rowe

- 1218** Evaluation of a Calibrated ^{18}F -FDG PET Score as a Biomarker for Progression in Alzheimer Disease and Mild Cognitive Impairment
Karl Herholz, Sarah Westwood, Cathleen Haense, and Graham Dunn

- 1227** Classification of Peritumoral Fiber Tract Alterations in Gliomas Using Metabolic and Structural Neuroimaging
Andreas Stadlbauer, Thilo Hammen, Peter Grummich, Michael Buchfelder, Torsten Kuwert, Arnd Dörfler, Christopher Nimsky, and Oliver Ganslandt

BRIEF COMMUNICATION

- 1235** Widespread and Prolonged Increase in (R)- ^{11}C -PK11195 Binding After Traumatic Brain Injury
Hedy Folkersma, Ronald Boellaard, Maqsood Yaqub, Reina W. Kloet, Albert D. Windhorst, Adriaan A. Lammertsma, W. Peter Vandertop, and Bart N.M. van Berckel

CONTINUING EDUCATION

- 1240** Minimizing and Communicating Radiation Risk in Pediatric Nuclear Medicine
Frederic H. Fahey, S. Ted Treves, and S. James Adelstein

BASIC SCIENCE INVESTIGATIONS

- 1252** Whiskers Area as Extracerebral Reference Tissue for Quantification of Rat Brain Metabolism Using ^{18}F -FDG PET: Application to Focal Cerebral Ischemia
Heiko Backes, Maureen Walberer, Heike Endepols, Bernd Neumaier, Rudolf Graf, Klaus Wienhard, and Günter Mies

1261 Differential ^{18}F -FDG and 3'-Deoxy-3'- ^{18}F -Fluorothymidine PET Responses to Pharmacologic Inhibition of the c-MET Receptor in Preclinical Tumor Models
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1268 Simultaneous PET and Multispectral 3-Dimensional Fluorescence Optical Tomography Imaging System
Changqing Li, Yongfeng Yang, Gregory S. Mitchell, and Simon R. Cherry

1276 Novel ^{64}Cu - and ^{68}Ga -Labeled RGD Conjugates Show Improved PET Imaging of $\alpha_v\beta_3$ Integrin Expression and Facile Radiosynthesis
Rebecca A. Dumont, Friederike Deininger, Roland Haubner, Helmut R. Maecke, Wolfgang A. Weber, and Melpomeni Fani

1285 Reproducibility of Serial Left Ventricle Perfusion, Volume, and Ejection Fraction Measurements Using Multiplexed Multipinhole SPECT in Healthy Rats and Rats After Myocardial Infarction
Jared H. Strydorst, Frans H. Leenen, Terrence D. Ruddy, and R. Glenn Wells

1293 Small-Animal PET Study of Adenosine A_1 Receptors in Rat Brain: Blocking Receptors and Raising Extracellular Adenosine
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1301 *In Vivo* Imaging of Bcr-Abl Overexpressing Tumors with a Radiolabeled Imatinib Analog as an Imaging Surrogate for Imatinib
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1308 ^{18}F -FDG PET/MRI Can Be Used to Identify Injured Peripheral Nerves in a Model of Neuropathic Pain
Deepak Behera, Kathleen E. Jacobs, Subrat Behera, Jarrett Rosenberg, and Sandip Biswal

1313 Imaging of the Striatal and Extrastriatal Dopamine Transporter with ^{18}F -LBT-999: Quantification, Biodistribution, and Radiation Dosimetry in Nonhuman Primates
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1322 Whole-Body Distribution and Brain Tumor Imaging with ^{11}C -4DST: A Pilot Study
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UPCOMING EDUCATION ARTICLES

The Japanese Tsunami and Resulting Nuclear Emergency at the Fukushima Daiichi Power Facility: Technical, Radiologic, and Response Perspectives

Lawrence T. Dauer, Pat Zanzonico, R. Michael Tuttle, Dennis M. Quinn, and H. William Strauss

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