

SNM NEWSLINE

- 13N** 2011 SNM Highlights Lecture: Oncology
Steven M. Larson
- 20N** 2011 SNM Highlights Lecture: General Nuclear Medicine
Harvey A. Ziessman
- 29N** Gathering Member Feedback on SNM Name Change
Carolyn J. Anderson
- 30N** Notification of Proposed SNM Bylaws Change
James M. Woolfenden
- 32N** Molecular Imaging Update: Molecular Imaging Summit at SNM Mid-Winter Meeting
Jonathan McConathy
- 33N** SNM Leadership Update: An Education Opportunity for All: SNM's Mid-Winter Meeting
George Segall

FOCUS ON MOLECULAR IMAGING

- 1665** CXCR4-Based Imaging Agents
Lauren E. Woodard and Sridhar Nimmagadda

INVITED PERSPECTIVE

- 1670** Looking Through the Vascular Normalization Window: Timing Antiangiogenic Treatment and Chemotherapy with ^{99m}Tc-Annexin A5
Michael R. Lewis

CLINICAL INVESTIGATIONS

- 1673** Cost-Effectiveness of Routine ¹⁸F-FDG PET/CT in High-Risk Patients with Gram-Positive Bacteremia
Fidel J. Vos, Chantal P. Bleeker-Rovers, Bart Jan Kullberg, Eddy M.M. Adang, and Wim J.G. Oyen
- 1679** Treatment with Octreotide Does Not Reduce Tumor Uptake of ⁶⁸Ga-DOTATATE as Measured by PET/CT in Patients with Neuroendocrine Tumors
Alexander R. Haug, Axel Rominger, Mona Mustafa, Christoph Auernhammer, Burkhard Göke, Gerwin P. Schmidt, Björn Wängler, Paul Cumming, Peter Bartenstein, and Marcus Hacker
- 1684** ¹⁸F-FDG PET/CT for Monitoring Treatment Responses to the Epidermal Growth Factor Receptor Inhibitor Erlotinib
Matthias R. Benz, Ken Herrmann, Franziska Walter, Edward B. Garon, Karen L. Reckamp, Robert Figlin, Michael E. Phelps, Wolfgang A. Weber, Johannes Czernin, and Martin S. Allen-Auerbach

- 1690** Impact of Tumor Size and Tracer Uptake Heterogeneity in ¹⁸F-FDG PET and CT Non-Small Cell Lung Cancer Tumor Delineation

Mathieu Hatt, Catherine Cheze-le Rest, Angela van Baardwijk, Philippe Lambin, Olivier Pradier, and Dimitris Visvikis

- 1698** Investigating Vulnerable Atheroma Using Combined ¹⁸F-FDG PET/CT Angiography of Carotid Plaque with Immunohistochemical Validation

Leon J. Menezes, Carl W. Kotze, Obi Agu, Toby Richards, Jocelyn Brookes, Vicky J. Goh, Manuel Rodriguez-Justo, Raymondo Endozo, Richard Harvey, Syed W. Yusuf, Peter J. Ell, and Ashley M. Groves

- 1704** Structural Abnormalities of the Coronary Arterial Wall—in Addition to Luminal Narrowing—Affect Myocardial Blood Flow Reserve

Riccardo Liga, Cecilia Marini, Michele Cocceani, Elena Filidei, Mathis Schlueter, Massimiliano Bianchi, Giuseppe Rossi, Silvia Pardini, Piero Salvadori, Oberdan Parodi, Daniele Rovai, Gianmario Sambuceti, Paolo Marraccini, and Danilo Neglia

- 1713** ¹⁸F-FDG Uptake Rate Is a Biomarker of Eosinophilic Inflammation and Airway Response in Asthma

R. Scott Harris, José G. Venegas, Chanikam Wongviriyawong, Tilo Winkler, Mamary Kone, Guido Musch, Marcos F. Vidal Melo, Nicolas de Prost, Daniel L. Hamilos, Roshni Afshar, Josalyn Cho, Andrew D. Luster, and Benjamin D. Medoff

- 1721** Palliation and Survival After Repeated ¹⁸⁸Re-HEDP Therapy of Hormone-Refractory Bone Metastases of Prostate Cancer: A Retrospective Analysis

Hans-Jürgen Biersack, Holger Palmado, Andrej Andris, Stefan Rogenhofer, Furn F. Knapp, Stefan Guhlke, Samer Ezziddin, Jan Bucarius, and Dirk von Mallek

BRIEF COMMUNICATION

- 1727** Practical Approach for Comparative Analysis of Multilesion Molecular Imaging Using a Semiautomated Program for PET/CT

Josef J. Fox, Estelle Autran-Blanc, Michael J. Morris, Somali Gavane, Sadek Nehmeh, André Van Nuffel, Mithat Gönen, Heiko Schöder, John L. Humm, Howard I. Scher, and Steven M. Larson

CONTINUING EDUCATION

- 1733** Brain Amyloid Imaging
Christopher C. Rowe and Victor L. Villemagne

BASIC SCIENCE INVESTIGATIONS

- 1741** National Electrical Manufacturers Association NU-4 Performance Evaluation of the PET Component of the NanoPET/CT Preclinical PET/CT Scanner
Istvan Szanda, Jane Mackewn, Gergely Patay, Peter Major, Kavitha Sunassee, Gregory E. Mullen, Gabor Nemeth, York Haemisch, Philip J. Blower, and Paul K. Marsden

- 1748** **The Precision and Sensitivity of ^{18}F -Fluoride PET for Measuring Regional Bone Metabolism: A Comparison of Quantification Methods**
Musib Siddique, Michelle L. Frost, Glen M. Blake, Amelia E.B. Moore, Yosra Al-Beyatti, Paul K. Marsden, Paul J. Schleyer, and Ignac Fogelman
- 1756** **Combined RNA Interference of Hexokinase II and ^{131}I -Sodium Iodide Symporter Gene Therapy for Anaplastic Thyroid Carcinoma**
Jung Eun Kim, Byeong-Cheol Ahn, Mi-Hye Hwang, Yong Hyun Jeon, Shin Young Jeong, Sang-Woo Lee, and Jaetae Lee
- 1764** **Multimodal Imaging with ^{18}F -FDG PET and Cerenkov Luminescence Imaging After MLN4924 Treatment in a Human Lymphoma Xenograft Model**
Robbie Robertson, Melissa Saylor Germanos, Mark G. Manfredi, Peter G. Smith, and Matthew D. Silva
- 1770** **Evaluation of the Role of Tumor-Associated Macrophages in an Experimental Model of Peritoneal Carcinomatosis Using ^{18}F -FDG PET**
Lucia Cottone, Silvia Valtorta, Annalisa Capobianco, Sara Belloli, Patrizia Rovere-Querini, Ferruccio Fazio, Angelo A. Manfredi, and Rosa Maria Moresco
- 1778** **Intraoperative Near-Infrared Fluorescence Tumor Imaging with Vascular Endothelial Growth Factor and Human Epidermal Growth Factor Receptor 2 Targeting Antibodies**
Anton G.T. Terwisscha van Scheltinga, Gooitzen M. van Dam, Wouter B. Nagengast, Vasilis Ntziachristos, Harry Hollema, Jennifer L. Herek, Carolien P. Schröder, Jos G.W. Kosterink, Marjolijn N. Lub-de Hoog, and Elisabeth G.E. de Vries
- 1786** **$^{99\text{m}}\text{Tc}$ -(CO) $_3$ His-Annexin A5 Micro-SPECT Demonstrates Increased Cell Death by Irinotecan During the Vascular Normalization Window Caused by Bevacizumab**
Christel Vangestel, Christophe Van de Wiele, Nancy Van Damme, Steven Staelens, Patrick Pauwels, Chris P.M. Reutelingsperger, and Marc Peeters
- 1795** **Atherosclerosis Plaque Heterogeneity and Response to Therapy Detected by In Vivo Molecular Imaging of Matrix Metalloproteinase Activation**
Mahmoud Razavian, Sina Tavakoli, Jiasheng Zhang, Lei Nie, Lawrence W. Dobrucki, Albert J. Sinusas, Michael Azure, Simon Robinson, and Mehran M. Sadeghi
- 1803** **PET of CXCR4 Expression by a ^{68}Ga -Labeled Highly Specific Targeted Contrast Agent**
Eleni Gourni, Oliver Demmer, Margret Schottelius, Calogero D'Alessandria, Stefan Schulz, Ingrid Dijkgraaf, Udo Schumacher, Markus Schwaiger, Horst Kessler, and Hans-Jürgen Wester
- 1811** **Comparison of 4 Radiolabeled Antagonists for Serotonin 5-HT $_7$ Receptor Neuroimaging: Toward the First PET Radiotracer**
Laetitia Lemoine, Julien Andries, Didier Le Bars, Thierry Billard, and Luc Zimmer
- 1819** **^{64}Cu -Labeled Peptide for PET of Breast Carcinomas Expressing the Thomsen-Friedenreich Carbohydrate Antigen**
Senthil R. Kumar, Fabio A. Gallazzi, Thomas P. Quinn, and Susan L. Deutscher
- 1827** **Micro-CT for Anatomic Referencing in PET and SPECT: Radiation Dose, Biologic Damage, and Image Quality**
Veerle Kersemans, James Thompson, Bart Cornelissen, Michael Woodcock, Philip D. Allen, Nico Buls, Ruth J Muschel, Mark A. Hill, and Sean C. Smart

DEPARTMENTS

- 1818** Erratum
- 1834** Book Review
- 1835** Letters to the Editor
- 11A** This Month in JNM
- 35A** Recruitment Advertising

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Janet F. Eary and Ernest U. Conrad

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