

SNMMI NEWSLINE

- 11N** 2013 SNMMI Highlights Lecture: Oncology
Richard L. Wahl
- 23N** Commentary: Prescriber Beware: It Is Ill Advised to Administer Compounded Sinalide
Jeffrey P. Norenberg, James A. Ponto, Neil A. Petry, and Kristina M. Wittstrom
- 25N** Guidance for Reporting in Preclinical Imaging
Todd Peterson
- 26N** SNMMI Leadership Update: Expanded Programs, Sound Finances for SNMMI
Virginia Pappas

FOCUS ON MOLECULAR IMAGING

- 1851** Acoustic and Photoacoustic Molecular Imaging of Cancer
Katheryne E. Wilson, Tzu Yin Wang, and Jürgen K. Willmann

INVITED PERSPECTIVE

- 1855** ^{18}F -FDG PET/CT for Early Prediction of Response to Neoadjuvant Lapatinib, Trastuzumab, and Their Combination in HER2-Positive Breast Cancer: Results from Neo-ALTTO
Laura M. Kenny

CLINICAL INVESTIGATIONS

- 1857** Long-Term Hematotoxicity After Peptide Receptor Radionuclide Therapy with ^{177}Lu -Octreotate
Amir Sabet, Khaled Ezziddin, Ulrich-Frank Pape, Hojjat Ahmadzadehfar, Karin Mayer, Thorsten Pöppel, Stefan Guhlke, Hans-Jürgen Biersack, and Samer Ezziddin
- 1862** ^{18}F -FDG PET/CT for Early Prediction of Response to Neoadjuvant Lapatinib, Trastuzumab, and Their Combination in HER2-Positive Breast Cancer: Results from Neo-ALTTO
Geraldine Gebhart, Cristina Gámez, Eileen Holmes, Javier Robles, Camilo Garcia, Montserrat Cortés, Evandro de Azambuja, Karine Fauria, Veerle Van Dooren, Gursel Aktan, Maria Antonia Coccia-Portugal, Sung-Bae Kim, Peter Vuylsteke, Hervé Cure, Holger Eidtmann, José Baselga, Martine Piccart, Patrick Flamen, and Serena Di Cosimo

- 1869** ^{64}Cu -DOTA-Trastuzumab PET Imaging in Patients with HER2-Positive Breast Cancer
Kenji Tamura, Hiroaki Kurihara, Kan Yonemori, Hitoshi Tsuda, Junko Suzuki, Yuzuru Kono, Natsuki Honda, Makoto Kodaira, Harukaze Yamamoto, Mayu Yunokawa, Chikako Shimizu, Koki Hasegawa, Yousuke Kanayama, Satoshi Nozaki, Takayuki Kinoshita, Yasuhiro Wada, Shusaku Tazawa, Kazuhiro Takahashi, Yasuyoshi Watanabe, and Yasuhiro Fujiwara

- 1876** Applying PET to Broaden the Diagnostic Utility of the Clinically Validated CA19.9 Serum Biomarker for Oncology
Nerissa Therese Viola-Villegas, Samuel L. Rice, Sean Carlin, Xiaohong Wu, Michael J. Evans, Kuntal K. Sevak, Marija Drobnjak, Govind Ragupathi, Ritsuko Sawada, Wolfgang W. Scholz, Philip O. Livingston, and Jason S. Lewis

- 1883** Imaging VCAM-1 as an Indicator of Treatment Efficacy in Metastatic Ovarian Cancer
Jennifer M. Scalici, Stephanie Thomas, Christine Harrer, Timothy A. Raines, Joanna Curran, Kristen A. Atkins, Mark R. Conaway, Linda Duska, Kimberly A. Kelly, and Jill K. Slack-Davis

- 1890** Radioembolization for Treatment of Salvage Patients with Colorectal Cancer Liver Metastases: A Systematic Review
Charlotte E.N.M. Rosenbaum, Helena M. Verkooijen, Marnix G.E.H. Lam, Maarten L.J. Smits, Miriam Koopman, Tom van Seeters, Malou A. Vermoolen, and Maurice A.A.J. van den Bosch

- 1896** Quantification of Human and Rodent Brown Adipose Tissue Function Using ^{99m}Tc -Methoxyisobutylisonitrile SPECT/CT and ^{18}F -FDG PET/CT
Aaron M. Cypess, Ashley N. Doyle, Christina A. Sass, Tian Lian Huang, Peter M. Mowschenson, Harold N. Rosen, Yu-Hua Tseng, Edwin L. Palmer III, and Gerald M. Kolodny

- 1902** Evaluation of the Biodistribution of ^{11}C -Methionine in Children and Young Adults
Sebastian M. Harris, James C. Davis, Scott E. Snyder, Elizabeth R. Butch, Amy L. Vävere, Mehmet Kocak, and Barry L. Shulkin

- 1909** Amyloid- β Load Predicts Medial Temporal Lobe Dysfunction in Alzheimer Dementia
Lars Frings, Timo S. Spehl, Wolfgang A. Weber, Michael Hüll, and Philipp T. Meyer

- 1915** Quantification of the Specific Translocator Protein Signal of ^{18}F -PBR111 in Healthy Humans: A Genetic Polymorphism Effect on In Vivo Binding
Qi Guo, Alessandro Colasanti, David R. Owen, Mayca Onega, Aruloly Kamalakaran, Idriss Bennacef, Paul M. Matthews, Eugenii A. Rabiner, Federico E. Turkheimer, and Roger N. Gunn

CONTINUING EDUCATION

- 1924** The Role of Radionuclide Imaging in Epilepsy, Part 2: Epilepsy Syndromes
Ajay Kumar and Harry T. Chugani

BASIC SCIENCE INVESTIGATIONS

- 1931** Heterogeneity in Intratumor Correlations of ^{18}F -FDG, ^{18}F -FLT, and ^{61}Cu -ATSM PET in Canine Sinonasal Tumors
Tyler J. Bradshaw, Stephen R. Bowen, Ngoneh Jallow, Lisa J. Forrest, and Robert Jeraj
- 1938** Longitudinal Evaluation of Left Ventricular Substrate Metabolism, Perfusion, and Dysfunction in the Spontaneously Hypertensive Rat Model of Hypertrophy Using Small-Animal PET/CT Imaging
Andrew M. Hernandez, Jennifer S. Huber, Stephanie T. Murphy, Mustafa Janabi, Gengsheng L. Zeng, Kathleen M. Brennan, James P. O'Neil, Youngho Seo, and Grant T. Gullberg
- 1946** Mapping Changes in Mouse Brain Metabolism with PET/CT
Andy Welch, Marco Mingarelli, Gernot Riedel, and Bettina Platt
- 1954** N-Acetylcysteine- and MK-801-Induced Changes in Glutamate Levels Do Not Affect In Vivo Binding of Metabotropic Glutamate 5 Receptor Radioligand ^{11}C -ABP688 in Rat Brain
Tine Wyckhuys, Jeroen Verhaeghe, Leonie Wyffels, Xavier Langlois, Mark Schmidt, Sigrid Stroobants, and Steven Staelens
- 1962** Awake Nonhuman Primate Brain PET Imaging with Minimal Head Restraint: Evaluation of GABA_A-Benzodiazepine Binding with ^{11}C -Flumazenil in Awake and Anesthetized Animals
Christine M. Sandiego, Xiao Jin, Tim Mulnix, Krista Fowles, David Labaree, Jim Ropchan, Yiyun Huang, Kelly Cosgrove, Stacy A. Castner, Graham V. Williams, Lisa Wells, Eugenio A. Rabiner, and Richard E. Carson
- 1969** ^{18}F -FDG PET Study Reveals Brain Functional Changes During Attention in Rats
Wang Xi, Danting Su, Binbin Nie, Yanqin Yu, Baoci Shan, Qiaozhen Chen, Mei Tian, and Hong Zhang
- 1974** Nonpolymeric Surface-Coated Iron Oxide Nanoparticles for In Vivo Molecular Imaging: Biodegradation, Biocompatibility, and Multiplexed
Chang-Moon Lee, Su-Jin Cheong, Eun-Mi Kim, Seok Tae Lim, Yong Yeon Jeong, Myung-Hee Sohn, and Hwan-Jeong Jeong

- 1981** Three Methods for ^{18}F Labeling of the HER2-Binding Affibody Molecule Z_{HER2:2891} Including Preclinical Assessment
Matthias Glaser, Peter Iveson, Susan Hoppmann, Bård Indrevoll, Anthony Wilson, Joseph Arukwe, Antonios Danikas, Rajiv Bhalla, and Duncan Hiscock
- 1989** Diels-Alder Reaction for Tumor Pretargeting: In Vivo Chemistry Can Boost Tumor Radiation Dose Compared with Directly Labeled Antibody
Raffaella Rossin, Tilman Lappchen, Sandra M. van den Bosch, Richard Laforest, and Marc S. Robillard
- 1996** Synthetic Lipid Nanoparticles Targeting Steroid Organs
Juliette Mérian, Raphaël Boisgard, Xavier Declèves, Benoît Thezé, Isabelle Texier, and Bertrand Tavitian

SPECIAL CONTRIBUTION

- 2004** The SNMMI and EANM Practice Guideline for Small-Bowel and Colon Transit 1.0
Alan H. Maurer, Michael Camilleri, Kevin Donohoe, Linda C. Knight, Jan L. Madsen, Giuliano Mariani, Henry P. Parkman, and Janice Van Dolsen

DEPARTMENTS

- 2014** Book Reviews
- 2016** Letters to the Editor
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UPCOMING EDUCATION ARTICLE

Radiotracer Imaging of Peripheral Vascular Disease

Mitchel R. Stacy, Wunan Zhou, and Albert J. Sinusas

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