

SNM NEWSLINE

- 13N** ACNP and ACNM Announce Merger
Jay Harolds
- 14N** SNM Leadership Update: Priorities Over the Next Year: Achieving Our Strategic Vision Together
Virginia Pappas
- 15N** Molecular Imaging Update: MICoE Areas of Focus for 2010
Henry F. VanBrocklin
- 16N** Newsbriefs
- 21N** From the Literature

FOCUS ON MOLECULAR IMAGING

- 1563** Multispectral Fluorescence Imaging
Lanlan Zhou and Wafik S. El-Deiry

INVITED PERSPECTIVE

- 1567** Imaging Tumor Phenotype: 1 Plus 1 Is More Than 2
David A. Mankoff and Farrokh Dehdashti

CLINICAL INVESTIGATIONS

- 1570** Weight-Based, Low-Dose Pediatric Whole-Body PET/CT Protocols
Adam M. Alessio, Paul E. Kinahan, Vivek Manchanda, Victor Ghioni, Lisa Aldape, and Marguerite T. Parisi
- 1579** Single 20-Second Acquisition of Deep-Inspiration Breath-Hold PET/CT: Clinical Feasibility for Lung Cancer
Tatsuo Torizuka, Yasuo Tanizaki, Toshihiko Kanno, Masami Futatsubashi, Etsuji Yoshikawa, Hiroyuki Okada, and Yasuomi Ouchi
- 1585** Detection of Aggressive Primary Prostate Cancer with ^{11}C -Choline PET/CT Using Multimodality Fusion Techniques
Morand Piert, Hyunjin Park, Asra Khan, Javed Siddiqui, Hero Hussain, Thomas Chenevert, David Wood, Timothy Johnson, Rajal B. Shah, and Charles Meyer
- 1594** Observer Variation in Interpreting ^{18}F -FDG PET/CT Findings for Lymphoma Staging
Michael S. Hofman, Nigel C. Smeeton, Sheila C. Rankin, Tom Nunan, and Michael J. O'Doherty
- 1598** Functional Images Reflect Aggressiveness of Endometrial Carcinoma: Estrogen Receptor Expression Combined with ^{18}F -FDG PET
Tetsuya Tsujikawa, Yoshio Yoshida, Takashi Kudo, Yasushi Kiyono, Tetsuji Kurokawa, Masato Kobayashi, Tatsuro Tsuchida, Yasuhisa Fujibayashi, Fumikazu Kotsuji, and Hidehiko Okazawa

- 1605** Salivary Gland Side Effects Commonly Develop Several Weeks After Initial Radioactive Iodine Ablation
Ravinder K. Grewal, Steven M. Larson, Christina E. Pentlow, Keith S. Pentlow, Mithat Gonen, Rebecca Qualey, Lauren Natbony, and R. Michael Tuttle

- 1611** ^{18}F -FDG PET/CT Identifies Patients at Risk for Future Vascular Events in an Otherwise Asymptomatic Cohort with Neoplastic Disease
Axel Rominger, Tobias Saam, Sarah Wolpers, Clemens C. Cyran, Michael Schmidt, Stefan Foerster, Konstantin Nikolaou, Maximilian F. Reiser, Peter Bartenstein, and Marcus Hacker

- 1621** Quantitative Analysis of Myocardial Perfusion SPECT Anatomically Guided by Coregistered 64-Slice Coronary CT Angiography
Piotr J. Slomka, Victor Y. Cheng, Damini Dey, Jonghye Woo, Amit Ramesh, Serge Van Kriekinge, Yasuzuki Suzuki, Yaron Elad, Ronald Karlsberg, Daniel S. Berman, and Guido Germano

- 1631** ^{131}I -6 β -Iodomethyl-19-Norcholesterol SPECT/CT for Primary Aldosteronism Patients with Inconclusive Adrenal Venous Sampling and CT Results
Ruoh-Fang Yen, Vin-Cent Wu, Kao-Lang Liu, Mei-Fang Cheng, Yen-Wen Wu, Shih-Chieh Chueh, Wei-Chou Lin, Kwan-Dun Wu, Kai-Yuan Tzen, Ching-Chu Lu, and the TAIPAI Study Group

- 1638** The ^{18}F -FDG PET Cingulate Island Sign and Comparison to ^{123}I - β -CIT SPECT for Diagnosis of Dementia with Lewy Bodies
Seok Ming Lim, Andrew Katsifis, Victor L. Villemagne, Rene Best, Gareth Jones, Michael Saling, Jennifer Bradshaw, John Merory, Michael Woodward, Malcolm Hopwood, and Christopher C. Rowe

- 1646** Repeatability of ^{18}F -FDG PET in a Multicenter Phase I Study of Patients with Advanced Gastrointestinal Malignancies
Linda M. Velasquez, Ronald Boellaard, Georgia Kollia, Wendy Hayes, Otto S. Hoekstra, Adriaan A. Lammertsma, and Susan M. Galbraith

CONTINUING EDUCATION

- 1655** ^{18}F -FDG PET/CT for Image-Guided and Intensity-Modulated Radiotherapy
Eric C. Ford, Joseph Herman, Ellen Yorke, and Richard L. Wahl

BASIC SCIENCE INVESTIGATIONS

- 1666** Clinical Imaging Characteristics of the Positron Emission Mammography Camera: PEM Flex Solo II
Lawrence MacDonald, John Edwards, Thomas Lewellen, David Haseley, James Rogers, and Paul Kinahan
- 1676** In Vivo Optical Imaging of Cellular Inflammatory Response in Granuloma Formation Using Fluorescence-Labeled Macrophages
Michel Eisenblätter, Jan Ehrchen, Georg Varga, Cord Sunderkötter, Walter Heindel, Johannes Roth, Christoph Bremer, and Alexander Wall

1683 Radiolabeled Humanized Anti-CD3 Monoclonal Antibody Visilizumab for Imaging Human T-Lymphocytes

Gaurav Malviya, Calogero D'Alessandria, Elena Bonanno, Vladimir Vexler, Roberto Massari, Carlo Trotta, Francesco Scopinaro, Rudi Dierckx, and Alberto Signore

1692 Melanin-Targeted Preclinical PET of Melanoma Metastasis

Gang Ren, Zheng Miao, Hongguang Liu, Lei Jiang, Naengnoi Limpa-Amara, Ashfaq Mahmood, Sanjiv S. Gambhir, and Zhen Cheng

1700 Intravesical α -Radioimmunotherapy with ^{213}Bi -Anti-EGFR-mAb Defeats Human Bladder Carcinoma in Xenografted Nude Mice

Birgit Pfof, Christof Seidl, Michael Autenrieth, Dieter Saur, Frank Bruchertseifer, Alfred Morgenstern, Markus Schwaiger, and Reingard Senekowitsch-Schmidtko

1709 ^{2-18}F -Fluoropropionic Acid as a PET Imaging Agent for Prostate Cancer

NagaVaraKishore Pillarsetty, Blesida Punzalan, and Steven M. Larson

1715 A Biomathematical Modeling Approach to Central Nervous System Radioligand Discovery and Development

Qi Guo, Michael Brady, and Roger N. Gunn

1724 Three-Step, "One-Pot" Radiosynthesis of 6-Fluoro-3,4-Dihydroxy-L-Phenylalanine by Isotopic Exchange

Franziska M. Wagner, Johannes Ermert, and Heinz H. Coenen

1730 NEMA NU4-2008 Image Quality Performance Report for the microPET Focus 120 and for Various Transmission and Reconstruction Methods

Mohamed A. Bahri, Alain Plenevaux, Geoffrey Warnock, André Luxen, and Alain Seret

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UPCOMING EDUCATION ARTICLES

^{18}F -FDG Uptake in Lung, Breast, and Colon Cancers: Molecular Biology Correlates and Disease Characterization

Hossein Jadvar, Abass Alavi, and Sanjiv S. Gambhir

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