

SNMMI NEWSLINE

- 13N** In Memoriam: Henry N. Wagner, Jr., MD, 1927–2012
- 15N** SNM and SNMTS Honor Outstanding Contributors
- 18N** Berman Receives de Hevesy Award
- 19N** Alavi and Larson Awarded 2012 Benedict Cassen Prize
- 20N** Humm Recognized with Loevinger–Berman Award
George Sgouros and Pat Zanzonico
- 21N** Goodman Recognized with 2012 Aebersold Award
- 21N** Robert E. Henkin Government Relations Fellowship
Erin Grady
- 22N** SNMMI Leadership Update: A Bright Future on the Horizon for SNMMI
Virginia Pappas
- 23N** From the Literature

FOCUS ON MOLECULAR IMAGING

- 1659** Recent Advances in the Molecular Imaging of Programmed Cell Death: Part I—Pathophysiology and Radiotracers
Francis G. Blankenberg and H. William Strauss

CLINICAL INVESTIGATIONS

- 1663** ⁹⁰Y Radioembolization After Radiation Exposure from Peptide Receptor Radionuclide Therapy
Samer Ezziddin, Carsten Meyer, Stanislava Kahancova, Torjan Haslerud, Winfried Willinek, Kai Wilhelm, Hans-Jürgen Biersack, and Hojjat Ahmadzadehfar
- 1670** Multitargeted Tyrosine Kinase Inhibition Produces Discordant Changes Between ^{99m}Tc-MDP Bone Scans and Other Disease Biomarkers: Analysis of a Phase II Study of Sunitinib for Metastatic Castration-Resistant Prostate Cancer
Philip J. Saylor, Umar Mahmood, Anchisa Kunawudhi, Matthew R. Smith, Edwin L. Palmer, and M. Dror Michaelson
- 1676** Sex and SUVmax: Sex-Dependent Prognostication in Early Non–Small Cell Lung Cancer
Zoe Wainer, Marissa G. Daniels, Jason Callahan, David Binns, Rodney J. Hicks, Phillip Antippa, Prudence A. Russell, Naveed Z. Alam, Matthew Conron, Benjamin Solomon, and Gavin M. Wright

- 1686** The Role of ⁶⁸Ga-DOTATATE PET/CT in Suspected Neuroendocrine Tumors
Alexander R. Haug, Ramona Cindea-Drimus, Christoph J. Auernhammer, Martin Reincke, Björn Wängler, Christopher Uebleis, Gerwin P. Schmidt, Burkhard Göke, Peter Bartenstein, and Marcus Hacker
- 1693** Predicting Nonsentinel Lymph Node Metastasis Using Lymphoscintigraphy in Patients with Breast Cancer
Hyo Sang Lee, Seok Won Kim, Byoung-Hee Kim, So-Youn Jung, Seeyoun Lee, Tae-sung Kim, Youngmi Kwon, Eun Sook Lee, Han-Sung Kang, and Seok-ki Kim
- 1701** A Novel PET Index, ¹⁸F-FDG–¹¹C-Methionine Uptake Decoupling Score, Reflects Glioma Cell Infiltration
Manabu Kinoshita, Hideyuki Arita, Tetsu Goto, Yoshiko Okita, Kayako Isohashi, Tadashi Watabe, Naoki Kagawa, Yasunori Fujimoto, Haruhiko Kishima, Eku Shimosegawa, Jun Hatazawa, Naoya Hashimoto, and Toshiki Yoshimine
- 1709** ¹¹C-Methionine PET for Grading and Prognostication in Gliomas: A Comparison Study with ¹⁸F-FDG PET and Contrast Enhancement on MRI
Tarun Singhal, Tanjore K. Narayanan, Martin P. Jacobs, Chandrashekar Bal, and Joseph C. Mantil
- 1716** Improvement in PET/CT Image Quality with a Combination of Point-Spread Function and Time-of-Flight in Relation to Reconstruction Parameters
Go Akamatsu, Kaori Ishikawa, Katsuhiko Mitsumoto, Takafumi Taniguchi, Nobuyoshi Ohya, Shingo Baba, Koichiro Abe, and Masayuki Sasaki
- 1723** Caffeine Occupancy of Human Cerebral A₁ Adenosine Receptors: In Vivo Quantification with ¹⁸F-CPPFX and PET
David Elmenhorst, Philipp T. Meyer, Andreas Matusch, Oliver H. Winz, and Andreas Bauer

BRIEF COMMUNICATIONS

- 1730** Utility of ¹⁸F-Fluoride PET/CT and ¹⁸F-FDG PET/CT in the Detection of Bony Metastases in Heightened-Risk Head and Neck Cancer Patients
Sheng-Chieh Chan, Hung-Ming Wang, Shu-Hang Ng, Cheng-Lung Hsu, Yu-Jr Lin, Chien-Yu Lin, Chun-Ta Liao, and Tzu-Chen Yen

CONTINUING EDUCATION

- 1736** From the Angio Suite to the γ -Camera: Vascular Mapping and ^{99m}Tc-MAA Hepatic Perfusion Imaging Before Liver Radioembolization—A Comprehensive Pictorial Review
Livnat Uliel, Henry D. Royal, Michael D. Darcy, Darryl A. Zuckerman, Akash Sharma, and Nael E. Saad

BASIC SCIENCE INVESTIGATIONS

- 1748** Immuno-PET of Tissue Factor in Pancreatic Cancer
Hao Hong, Yin Zhang, Tapas R. Nayak, Jonathan W. Engle, Hing C. Wong, Bai Liu, Todd E. Barnhart, and Weibo Cai

1755 ¹¹C-Hydroxytryptophan Uptake and Metabolism in Endocrine and Exocrine Pancreas
Valentina Di Galleonardo, Alberto Signore, Ena A. Scheerstra, Annië K.D. Visser, Aren van Waarde, Rudi A.J.O Dierckx, and Erik F.J. de Vries

1764 Antitumor Effects of Proteasome Inhibition in Anaplastic Thyroid Carcinoma
Annette Altmann, Annette Markert, Vasileios Askoxylakis, Tilman Schöning, Ralf Jesenofsky, Michael Eisenhut, and Uwe Haberkorn

1772 ⁶⁴Cu-p-NH₂-Bn-DOTA-hu14.18K322A, a PET Radiotracer Targeting Neuroblastoma and Melanoma
Amy L. Vāvere, Elizabeth R. Butch, Jason L.J. Dearling, Alan B. Packard, Fariba Navid, Barry L. Shulkin, Raymond C. Barfield, and Scott E. Snyder

1779 Evaluation of a Mitochondrial Voltage Sensor, (¹⁸F-Fluoropentyl)Triphenylphosphonium Cation, in a Rat Myocardial Infarction Model
Dong-Yeon Kim, Hyeon-Sik Kim, Uyenchi Nguyen Le, Sheng Nan Jiang, Hee-Jung Kim, Kyo-Chul Lee, Sang-Keun Woo, Jihwa Chung, Hyung-Seok Kim, Hee-Seung Bom, Kook-Hyun Yu, and Jung-Joon Min

1786 Engineering and Performance (NEMA and Animal) of a Lower-Cost Higher-Resolution Animal PET/CT Scanner Using Photomultiplier-Quadrant-Sharing Detectors
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1794 Preclinical Characterization of a Novel Class of ¹⁸F-Labeled PET Tracers for Amyloid- β
Damian Brockschnieder, Heribert Schmitt-Willich, Tobias Heinrich, Andrea Varrone, Balázs Gulyás, Miklos Toth, Jan Andersson, Ulf Boemer, Sabine Krause, Matthias Friebe, Ludger Dinkelborg, Christer Halldin, and Thomas Dyrks

1802 Whole-Body Distribution and Radiation Dosimetry of ¹¹C-(+)-PHNO, a D_{2/3} Agonist Ligand
Romina Mizrahi, Pablo Rusjan, Irina Vitcu, Alvina Ng, Alan A. Wilson, Sylvain Houle, and Peter M. Bloomfield

1807 RADAR Reference Adult, Pediatric, and Pregnant Female Phantom Series for Internal and External Dosimetry
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UPCOMING EDUCATION ARTICLES

PET/MRI for Neurologic Applications

Ciprian Catana, Alexander Drzezga, Wolf-Dieter Heiss, and Bruce R. Rosen

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