

SNM NEWSLINE

- 15N** Continued Fallout Over Canada Reactor Shutdown
- 17N** Molecular Imaging Update: MI at the Mid-Winter Meeting
Peter Herscovitch
- 17N** Maintenance of Certification: Participating in MOC
Henry Royal
- 19N** SNM Leadership Update: Speaking Out for What Is Right
Virginia Pappas
- 21N** Health Policy and Regulatory Affairs Update: 2009 Budget Recommendations/Physician Quality Consortium
Hugh Cannon
- 23N** Newsbriefs
- 29N** From the Literature
- 35N** Notification of Proposed SNM Bylaws Changes

FOCUS ON MOLECULAR IMAGING

- 511** Advances in Anatomic, Functional, and Molecular Imaging of Angiogenesis
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INVITED PERSPECTIVE

- 515** Correlative Imaging of Hypoxia and Angiogenesis in Oncology
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CLINICAL INVESTIGATIONS

- 517** Tumor Blood Flow Measured by PET Dynamic Imaging of First-Pass ^{18}F -FDG Uptake: A Comparison with ^{15}O -Labeled Water-Measured Blood Flow
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- 524** ^{18}F -Dihydroxyphenylalanine PET in Patients with Biochemical Evidence of Medullary Thyroid Cancer: Relation to Tumor Differentiation
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- 532** Clinical Utility of ^{18}F -FDG PET/CT in Assessing the Neck After Concurrent Chemoradiotherapy for Locoregional Advanced Head and Neck Cancer
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- 541** Scintigraphic Detection of ^{125}I Seeds After Permanent Brachytherapy for Prostate Cancer
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- 546** Reducing the Incidence of ^{131}I -Induced Sialadenitis: The Role of Pilocarpine
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- 550** Value and Limitations of Target-Vessel Ischemia in Predicting Late Clinical Events After Drug-Eluting Stent Implantation
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- 557** Effect of Progenitor Cells on Myocardial Perfusion and Metabolism in Patients After Recanalization of a Chronically Occluded Coronary Artery
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- 564** Quantitative Measures of Coronary Stenosis Severity by 64-Slice CT Angiography and Relation to Physiologic Significance of Perfusion in Nonobese Patients: Comparison with Stress Myocardial Perfusion Imaging
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Pieter L. Jager, Raman Chirakal, Christopher J. Marriott, Adrienne H. Brouwers, Klaas Pieter Koopmans, and Karen Y. Gulenchyn

BASIC SCIENCE INVESTIGATIONS

- 587** Modeling Considerations for ^{11}C -CUMI-101, an Agonist Radiotracer for Imaging Serotonin 1A Receptor In Vivo with PET
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- 606** Spillover and Partial-Volume Correction for Image-Derived Input Functions for Small-Animal ^{18}F -FDG PET Studies
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- 615 Cancer Detection Using a PET Tracer, ¹¹C-Glycylsarcosine, Targeted to H⁺/Peptide Transporter**
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- 657 PET Image Denoising Using a Synergistic Multiresolution Analysis of Structural (MRI/CT) and Functional Datasets**
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- 667 Imaging of VEGF Receptor in a Rat Myocardial Infarction Model Using PET**
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- 674 In Vitro Evaluation of Radioprotective and Radiosensitizing Effects of Rituximab**
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UPCOMING EDUCATION ARTICLES

Radionuclide Evaluation of the Lower Gastrointestinal Tract

Giuliano Mariani, Ernest K.J. Pauwels, Abedallatif AlSharif, Santino Marchi, Giuseppe Boni, Marco Barreca, Massimo Bellini, Mariano Grosso, Nicola de Bortoli, Gloria Mumolo, Francesco Costa, Domenico Rubello, and H. William Strauss

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