

SNMMI NEWSLINE

- 10N** 2013 SNM Highlights Lecture: Neuroscience
Satoshi Minoshima
- 17N** From the Exhibitors' Hall: SNMMI Annual Meeting 2013
George Zubal
- 20N** Advocating for Appropriate and Adequate Reimbursement
Gary Dillehay

INVITED PERSPECTIVES

- 1513** Surveillance of Cancer Patients with Imaging: Self-Evident or Evidence-Based?
Wolfgang A. Weber and Richard L. Wahl
- 1516** Standards for Reporting PET Clinical Trials
Janet F. Eary and Kenneth A. Krohn

CLINICAL INVESTIGATIONS

- 1518** The Lack of Evidence for PET or PET/CT Surveillance of Patients with Treated Lymphoma, Colorectal Cancer, and Head and Neck Cancer: A Systematic Review
Kamal Patel, Nira Hadar, Jounghee Lee, Barry A. Siegel, Bruce E. Hillner, and Joseph Lau
- 1528** ^{18}F -FDG PET Early Response Evaluation of Locally Advanced Non-Small Cell Lung Cancer Treated with Concomitant Chemoradiotherapy
Edwin A. Usmanij, Lioe-Fee de Geus-Oei, Esther G.C. Troost, Liesbeth Peters-Bax, Erik H.F.M. van der Heijden, Johannes H.A.M. Kaanders, Wim J.G. Oyen, Olga C.J. Schuurbiens, and Johan Bussink
- 1535** Radiobiologic Optimization of Combination Radiopharmaceutical Therapy Applied to Myeloablative Treatment of Non-Hodgkin Lymphoma
Robert F. Hobbs, Richard L. Wahl, Eric C. Frey, Yvette Kasamon, Hong Song, Peng Huang, Richard J. Jones, and George Sgouros
- 1543** Interobserver Agreement of Qualitative Analysis and Tumor Delineation of ^{18}F -Fluoromisonidazole and 3'-Deoxy-3'- ^{18}F -Fluorothymidine PET Images in Lung Cancer
Sébastien Thureau, Philippe Chaumet-Riffaud, Romain Modzelewski, Philippe Fernandez, Laurent Tessonnier, Laurent Vervueren, Florent Cachin, Alina Berriolo-Riedinger, Pierre Olivier, Hélène Kolesnikov-Gauthier, Oleg Blagosklonov, Boumediene Bridji, Anne Devillers, Laurent Collombier, Frédéric Courbon, Eric Gremillet, Claire Houzard, Jean Marc Caignon, Julie Roux, Nicolas Aide, Isabelle Brenot-Rossi, Kaya Doyeux, Bernard Dubray, and Pierre Vera

- 1551** ^{18}F -ICMT-11, a Caspase-3-Specific PET Tracer for Apoptosis: Biodistribution and Radiation Dosimetry
Amarnath Challapalli, Laura M. Kenny, William A. Hallett, Kasia Kozlowski, Giampaolo Tomasi, Mihir Gudi, Adil Al-Nahas, R. Charles Coombes, and Eric O. Aboagye

- 1557** Quantitative Monte Carlo-Based ^{90}Y SPECT Reconstruction
Mattijs Elschot, Marnix G.E.H. Lam, Maurice A.A.J. van den Bosch, Max A. Viergever, and Hugo W.A.M. de Jong

- 1564** Longitudinal Progression of Cognitive Decline Correlates with Changes in the Spatial Pattern of Brain ^{18}F -FDG PET
Sepideh Shokouhi, Daniel Claassen, Hakmook Kang, Zhaohua Ding, Baxter Rogers, Arabinda Mishra, and William R. Riddle

- 1570** Longitudinal Amyloid Imaging Using ^{11}C -PiB: Methodologic Considerations
Bart N.M. van Berckel, Rik Ossenkoppele, Nelleke Tolboom, Maqsood Yaqub, Jessica C. Foster-Dingley, Albert D. Windhorst, Philip Scheltens, Adriaan A. Lammertsma, and Ronald Boellaard

- 1577** Hypermetabolism in ^{18}F -FDG PET Predicts Favorable Outcome Following Decompressive Surgery in Patients with Degenerative Cervical Myelopathy
Frank W. Floeth, Norbert Galldiks, Sven Eicker, Gabriele Stoffels, Jörg Herdmann, Hans-Jakob Steiger, Gerald Antoch, Sascha Rhee, and Karl-Josef Langen

BRIEF COMMUNICATION

- 1584** Measurement of Human Brown Adipose Tissue Volume and Activity Using Anatomic MR Imaging and Functional MR Imaging
Yin-Ching Iris Chen, Aaron M. Cypess, Yih-Chieh Chen, Matthew Palmer, Gerald Kolodny, C. Ronald Kahn, and Kenneth K. Kwong

CONTINUING EDUCATION

- 1588** V/Q Scanning Using SPECT and SPECT/CT
Paul J. Roach, Geoffrey P. Schembri, and Dale L. Bailey

BASIC SCIENCE INVESTIGATIONS

- 1597** ^{213}Bi Radioimmunotherapy with an Anti-mCD138 Monoclonal Antibody in a Murine Model of Multiple Myeloma
Michel Chérel, Sébastien Gouard, Joëlle Gaschet, Catherine Saï-Maurel, Frank Bruchertseifer, Alfred Morgenstern, Mickael Bourgeois, Jean-François Gestin, Françoise Kraeber Bodéré, Jacques Barbet, Philippe Moreau, and François Davodeau
- 1605** Synthesis and In Vitro and In Vivo Evaluation of Hypoxia-Enhanced ^{111}In -Bombesin Conjugates for Prostate Cancer Imaging
Zhengyuan Zhou, Nilesh K. Wagh, Sunny M. Ogbomo, Wen Shi, Yinnong Jia, Susan K. Brusnahan, and Jered C. Garrison

1613 In Vivo Responses of Human A375M Melanoma to a σ Ligand: ^{18}F -FDG PET Imaging

Anna A. Rybczynska, Marco de Bruyn, Nisha K. Ramakrishnan, Johan R. de Jong, Philip H. Elsinga, Wijnand Helfrich, Rudi A.J.O. Dierckx, and Aren van Waarde

1621 The Role of p53 in Combination Radioimmunotherapy with ^{64}Cu -DOTA-Cetuximab and Cisplatin in a Mouse Model of Colorectal Cancer

Yunjun Guo, Jesse J. Parry, Richard Laforest, Buck E. Rogers, and Carolyn J. Anderson

1630 Stratification of ^{18}F -Labeled PET Imaging Agents for the Assessment of Antiangiogenic Therapy Responses in Tumors

Julian L. Goggi, Romain Bejot, Shehzahdi S. Moonshi, and Kishore K. Bhakoo

1637 Repeatable Noninvasive Measurement of Mouse Myocardial Glucose Uptake with ^{18}F -FDG: Evaluation of Tracer Kinetics in a Type 1 Diabetes Model

Stephanie L. Thorn, Robert A. deKemp, Tyler Dumouchel, Ran Klein, Jennifer M. Renaud, R. Glenn Wells, Michael H. Gollob, Rob S. Beanlands, and Jean N. DaSilva

1645 Quantification of Cardiac Sympathetic Nerve Density with N - ^{11}C -Guanyl-*meta*-Octopamine and Tracer Kinetic Analysis

David M. Raffel, Robert A. Koeppe, Yong-Woon Jung, Guie Gu, Keun Sam Jang, Phillip S. Sherman, and Carole A. Quesada

1653 Noninvasive Quantitative Assessment of Pulmonary Blood Flow with ^{18}F -FDG PET

Céline Pouzot, Jean-Christophe Richard, Antoine Gros, Nicolas Costes, Franck Lavenne, Didier Le Bars, and Claude Guerin

1661 Bioenergetic Profiles Diverge During Macrophage Polarization: Implications for the Interpretation of ^{18}F -FDG PET Imaging of Atherosclerosis

Sina Tavakoli, Debora Zamora, Sarah Ullevig, and Reto Asmis

1668 Determination of the In Vivo Selectivity of a New κ -Opioid Receptor Antagonist PET Tracer ^{11}C -LY2795050 in the Rhesus Monkey

Su Jin Kim, Ming-Qiang Zheng, Nabeel Nabulsi, David Labaree, Jim Ropchan, Soheila Najafzadeh, Richard E. Carson, Yiyun Huang, and Evan D. Morris

SPECIAL CONTRIBUTION

1675 The Medical Imaging & Technology Alliance Conference on Research Endpoints Appropriate for Medicare Coverage of New PET Radiopharmaceuticals

Bruce J. Hillman, Richard A. Frank, and Brian C. Abraham

DEPARTMENTS

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UPCOMING EDUCATION ARTICLE

The Role of Radionuclide Imaging in Epilepsy, Part 1: Sporadic Temporal and Extratemporal Lobe Epilepsy

Ajay Kumar and Harry T. Chugani

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