

SNM NEWSLINE

- 13N** It's Official: SNM Members Endorse Name Change
- 13N** SNM Annual Meeting: Looking to the Future
- 14N** Schelbert Receives ACC Award
Thomas H. Schindler and Vasken Dilsizian
- 14N** Second World Congress on ⁶⁸Ga Molecular Imaging
Michael K. Schultz
- 17N** In Memoriam: Michael J. Welch, PhD, 1939–2012
Robert J. Gropler and Barry Siegel
- 18N** Outstanding JNMT Articles for 2011
- 20N** SNMTS Leadership Update: Welcome to the New Frontier: Our Collective Futures
Brenda King
- 22N** SNM Leadership Update: Ensuring the Health of Our Profession
Frederic H. Fahey
- 23N** Newsbriefs
- 25N** From the Literature

CLINICAL INVESTIGATIONS

- 1007** Effect of PET/CT on Management of Patients with Non-Small Cell Lung Cancer: Results of a Prospective Study with 5-Year Survival Data
Deborah L. Gregory, Rodney J. Hicks, Annette Hogg, David S. Binns, Poh Lin Shum, Alvin Milner, Emma Link, David L. Ball, and Michael P. Mac Manus
- 1016** Randomized Controlled Trials on PET: A Systematic Review of Topics, Design, and Quality
Fülöp Scheibler, Polina Zumbé, Inger Janssen, Melanie Viebahn, Milly Schröer-Günther, Robert Grosselfinger, Elke Hausner, Stefan Sauerland, and Stefan Lange
- 1026** Relationship Between Intraprostatic Tracer Deposits and Sentinel Lymph Node Mapping in Prostate Cancer Patients
Tessa Buckle, Oscar R. Brouwer, Renato A. Valdés Olmos, Henk G. van der Poel, and Fijs W.B. van Leeuwen
- 1034** Comparing the Hybrid Fluorescent-Radioactive Tracer Indocyanine Green-^{99m}Tc-Nanocolloid with ^{99m}Tc-Nanocolloid for Sentinel Node Identification: A Validation Study Using Lymphoscintigraphy and SPECT/CT
Oscar R. Brouwer, Tessa Buckle, Lenka Vermeeren, W. Martin C. Klop, Alfons J.M. Balm, Henk G. van der Poel, Bas W. van Rhijn, Simon Horenblas, Omgo E. Nieweg, Fijs W.B. van Leeuwen, and Renato A. Valdés Olmos

1041 Noise Considerations for PET Quantification Using Maximum and Peak Standardized Uptake Value

Martin A. Lodge, Muhammad A. Chaudhry, and Richard L. Wahl

1048 Assessment of Treatment Response in Patients with Glioblastoma Using O-(2-¹⁸F-Fluoroethyl)-L-Tyrosine PET in Comparison to MRI

Norbert Galldiks, Karl-Josef Langen, Richard Holy, Michael Pinkawa, Gabriele Stoffels, Kay W. Nolte, Hans J. Kaiser, Christan P. Filss, Gereon R. Fink, Heinz H. Coenen, Michael J. Eble, and Marc D. Piroth

1058 Accurate Differentiation of Recurrent Gliomas from Radiation Injury by Kinetic Analysis of α -¹¹C-Methyl-L-Tryptophan PET

Bálint Alkonyi, Geoffrey R. Barger, Sandeep Mittal, Otto Muzik, Diane C. Chugani, Gautam Bahl, Natasha L. Robinette, William J. Kupsky, Pulak K. Chakraborty, and Csaba Juhász

1065 Quantification of Dopamine Transporter in Human Brain Using PET with ¹⁸F-FE-PE2I

Takeshi Sasaki, Hiroshi Ito, Yasuyuki Kimura, Ryosuke Arakawa, Harumasa Takano, Chie Seki, Fumitoshi Kodaka, Saori Fujie, Keisuke Takahata, Tsuyoshi Nogami, Masayuki Suzuki, Hironobu Fujiwara, Hidehiko Takahashi, Ryuji Nakao, Toshimitsu Fukumura, Andrea Varrone, Christer Halldin, Toru Nishikawa, and Tetsuya Suhara

1074 PET and MRI Reveal Early Evidence of Neurodegeneration in Spinocerebellar Ataxia Type 17

Kathrin Brockmann, Matthias Reimold, Christoph Globas, Till Karsten Hauser, Uwe Walter, Hans-Jürgen Machulla, Arndt Rolfs, and Ludger Schöls

1081 Coronary Calcium Score as an Adjunct to Nuclear Myocardial Perfusion Imaging for Risk Stratification Before Noncardiac Surgery

Jelena R. Ghadri, Michael Fiechter, Katja Veraguth, Catherine Gebhard, Aju P. Pazhenkottil, Tobias A. Fuchs, Christian Templin, Oliver Gaemperli, and Philipp A. Kaufmann

BRIEF COMMUNICATION

- 1087** Assessing the Optimal Time Point for the Measurement of Extrastriatal Serotonin Transporter Binding with ¹²³I-FP-CIT SPECT in Healthy, Male Subjects
Karin E. Koopman, Susanne E. la Fleur, Eric Fliers, Mireille J. Serlie, and Jan Booij

CONTINUING EDUCATION

1091 Imaging of Multiple Myeloma and Related Plasma Cell Dyscrasias

Ronald C. Walker, Tracy L. Brown, Laurie B. Jones-Jackson, Lorraine De Blanche, and Twyla Bartel

BASIC SCIENCE INVESTIGATIONS

- 1102** **Quantitative, Simultaneous PET/MRI for Intratumoral Imaging with an MRI-Compatible PET Scanner**
Thomas S.C. Ng, James R. Bading, Ryan Park, Hargun Sohi, Daniel Procissi, David Colcher, Peter S. Conti, Simon R. Cherry, Andrew A. Raubitschek, and Russell E. Jacobs
- 1110** **PET of EGFR Expression with an ¹⁸F-Labeled Affibody Molecule**
Zheng Miao, Gang Ren, Hongguang Liu, Shibo Qi, Song Wu, and Zhen Cheng
- 1119** **Small-Animal PET of Steroid Hormone Receptors Predicts Tumor Response to Endocrine Therapy Using a Preclinical Model of Breast Cancer**
Amy M. Fowler, Szeman Ruby Chan, Terry L. Sharp, Nicole M. Fettig, Dong Zhou, Carmen S. Dence, Kathryn E. Carlson, M. Jeyakumar, John A. Katzenellenbogen, Robert D. Schreiber, and Michael J. Welch
- 1127** **A Folate Receptor- α -Specific Ligand That Targets Cancer Tissue and Not Sites of Inflammation**
Balasubramanian Vaitilingam, Venkatesh Chelvam, Sumith A. Kularatne, Scott Poh, Wilfredo Ayala-Lopez, and Philip S. Low
- 1135** **Analysis of the Growth Dynamics of Angiogenesis-Dependent and -Independent Experimental Glioblastomas by Multimodal Small-Animal PET and MRI**
Thomas Viel, Krishna M. Talasila, Parisa Monfared, Jian Wang, Jan F. Jikeli, Yannic Waerzeggers, Bernd Neumaier, Heiko Backes, Narve Brekka, Frits Thorsen, Daniel Stieber, Simone P. Niclou, Alexandra Winkeler, Bertrand Tavitian, Mathias Hoehn, Rolf Bjerkvig, Hrvoje Miletic, and Andreas H. Jacobs

- 1146** **Inhibition of Poly(ADP-Ribose) Polymerase Enhances the Toxicity of ¹³¹I-Metaiodobenzylguanidine/Topotecan Combination Therapy to Cells and Xenografts That Express the Noradrenaline Transporter**
Anthony G. McCluskey, Robert J. Mairs, Mathias Tesson, Sally L. Pimlott, John W. Babich, Mark N. Gaze, Sue Champion, and Marie Boyd
- 1155** **Dose Escalation Study of No-Carrier-Added ¹³¹I-Metaiodobenzylguanidine for Relapsed or Refractory Neuroblastoma: New Approaches to Neuroblastoma Therapy Consortium Trial**
Katherine K. Matthay, Brian Weiss, Judith G. Villablanca, John M. Maris, Gregory A. Yanik, Steven G. DuBois, James Stubbs, Susan Groshen, Denice Tsao-Wei, Randall Hawkins, Hollie Jackson, Fariba Goodarzian, Heike Daldrup-Link, Ashok Panigrahy, Alexander Towbin, Hiroyuki Shimada, John Barrett, Norman LaFrance, and John Babich

DEPARTMENTS

- 1164** **Book Reviews**
- 1166** **Letters to the Editor**
- 1169** **Errata**
- 11A** **This Month in JNM**

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