

SNM NEWSLINE

- 11N** From the Exhibitors' Hall: SNMMI Annual Meeting 2012
George Zubal
- 14N** The Role of Imaging Physicians in Industry
Syed Mahmood and Sofía Rodríguez Martínez de Llano
- 16N** In Memoriam: R. Edward Coleman, MD, 1943–2012
Timothy Turkington and Terence Wong
- 18N** SNMMI Leadership Update: SNMMI Annual Meeting Spotlights Advances in Research and Technology
Virginia Pappas
- 19N** Newsbriefs
- 20N** From the Literature

FOCUS ON MOLECULAR IMAGING

- 117I** PET of Hypoxia: Current and Future Perspectives
Sean Carlin and John L. Humm

CLINICAL INVESTIGATIONS

- 117S** The Kinetics and Reproducibility of ^{18}F -Sodium Fluoride for Oncology Using Current PET Camera Technology
Karen A. Kurdziel, Joanna H. Shih, Andrea B. Apolo, Liza Lindenberg, Esther Mena, Yolanda Y. McKinney, Stephen S. Adler, Baris Turkbey, William Dahut, James L. Gulley, Ravi A. Madan, Ola Landgren, and Peter L. Choyke
- 118S** Phase II Trial of Anticarcinoembryonic Antigen Pretargeted Radioimmunotherapy in Progressive Metastatic Medullary Thyroid Carcinoma: Biomarker Response and Survival Improvement
Pierre-Yves Salaun, Loïc Campion, Claire Bournaud, Alain Faivre-Chauvet, Jean-Philippe Vuillez, David Taieb, Catherine Ansquer, Caroline Rousseau, Françoise Borson-Chazot, Stéphane Bardet, Aurore Oudoux, Bertrand Cariou, Eric Mirallié, Chien-Hsing Chang, Robert M. Sharkey, David M. Goldenberg, Jean-François Chatal, Jacques Barbet, and Françoise Kraeber-Bodéré
- 119S** Accuracy and Reproducibility of Lymphoscintigraphy for Sentinel Node Detection in Patients with Cutaneous Melanoma
Mónica Vidal, Sergi Vidal-Sicart, Abiguel Torrents, Andrés Perissinotti, Ignacio Navales, Pilar Paredes, and Francesca Pons

- 120S** The Added Value of ^{18}F -FDG PET/CT for Evaluation of Patients with Esthesioneuroblastoma
Stephen M. Broski, Christopher H. Hunt, Geoffrey B. Johnson, Ratham M. Subramaniam, and Patrick J. Peller

- 120T** Clinical PET of Neuroendocrine Tumors Using ^{64}Cu -DOTATATE: First-in-Humans Study
Andreas Pfeifer, Ulrich Knigge, Jann Mortensen, Peter Oturai, Anne Kiil Berthelsen, Annika Loft, Tina Binderup, Palle Rasmussen, Dennis Elema, Thomas Levin Klausen, Søren Holm, Eric von Benzon, Liselotte Højgaard, and Andreas Kjaer

- 121S** Association Between Aortic Valve Calcification and Myocardial Ischemia, Especially in Asymptomatic Patients
Ryo Yamazato, Hideya Yamamoto, Futoshi Tadehara, Hiroki Teragawa, Satoshi Kurisu, Yoshihiro Dohi, Ken Ishibashi, Eiji Kunita, Hiroto Utsunomiya, Toshiharu Oka, and Yasuki Kihara

- 122S** Targeted Folate Receptor β Fluorescence Imaging as a Measure of Inflammation to Estimate Vulnerability Within Human Atherosclerotic Carotid Plaque
Nynke A. Jager, Johanna Westra, Gooitzen M. van Dam, Nato Teteloshvili, René A. Tio, Jan-Cees Breek, Riemer H.J.A. Slart, Hendrikus Boersma, Phillip S. Low, Marc Bijl, and Clark J. Zeebregts

- 123S** Diagnostic Value of ^{13}N -Ammonia Myocardial Perfusion PET: Added Value of Myocardial Flow Reserve
Michael Fiechter, Jelena R. Ghadri, Cathérine Gebhard, Tobias A. Fuchs, Aju P. Pazhenkottil, Rene N. Nkoulou, Bernhard A. Herzog, Christophe A. Wyss, Oliver Gaemperli, and Philipp A. Kaufmann

- 123S** Added Value of $^{99\text{m}}\text{Tc}$ -HMPAO-Labeled Leukocyte SPECT/CT in the Characterization and Management of Patients with Infectious Endocarditis
Paola A. Erba, Umberto Conti, Elena Lazzeri, Martina Sollini, Roberta Doria, Salvatore M. De Tommasi, Francesco Bandera, Carlo Tascini, Francesco Menichetti, Rudi A.J.O. Dierckx, Alberto Signore, and Giuliano Mariani

CONTINUING EDUCATION

- 124A** Oncologic PET/MRI, Part 2: Bone Tumors, Soft-Tissue Tumors, Melanoma, and Lymphoma
Christian Buchbender, Till A. Heusner, Thomas C. Lauenstein, Andreas Bockisch, and Gerald Antoch

BASIC SCIENCE INVESTIGATIONS

- 125S** Transport of 3-Fluoro-L- α -Methyl-Tyrosine by Tumor-Upregulated L-Type Amino Acid Transporter 1: A Cause of the Tumor Uptake in PET
Pattama Wiriyasermkul, Shushi Nagamori, Hideyuki Tominaga, Noboru Oriuchi, Kyoichi Kaira, Hidekazu Nakao, Takeru Kitashoji, Ryuichi Ohgaki, Hidekazu Tanaka, Hitoshi Endou, Keigo Endo, Hiroyuki Sakurai, and Yoshikatsu Kanai

1262 Tumor Microenvironment-Dependent ¹⁸F-FDG, ¹⁸F-Fluorothymidine, and ¹⁸F-Misonidazole Uptake: A Pilot Study in Mouse Models of Human Non-Small Cell Lung Cancer

Tao Huang, A. Cahid Civelek, Junling Li, Huijie Jiang, Chin K. Ng, Gregory C. Postel, Baozhong Shen, and Xiao-Feng Li

1269 ¹⁸F-FDG PET Detects Inflammatory Infiltrates in Spinal Cord Experimental Autoimmune Encephalomyelitis Lesions

Dorothea Buck, Annette Förschler, Constantin Lapa, Tibor Schuster, Patrick Vollmar, Thomas Korn, Stefan Nessler, Christine Stadelmann, Alexander Drzezga, Andreas K. Buck, Hans-Jürgen Wester, Claus Zimmer, Bernd-Joachim Krause, and Bernhard Hemmer

1277 Preclinical Evaluation of ^{99m}Tc(CO)₃-Aspartic-N-Monoacetic Acid, a Renal Radiotracer with Pharmacokinetic Properties Comparable to ¹³¹I-o-Iodohippurate

Malgorzata Lipowska, Jeffrey Klenc, Luigi G. Marzilli, and Andrew T. Taylor

1284 MRI-Based Nonrigid Motion Correction in Simultaneous PET/MRI

Se Young Chun, Timothy G. Reese, Jinsong Ouyang, Bastien Guerin, Ciprian Catana, Xuping Zhu, Nathaniel M. Alpert, and Georges El Fakhri

1292 Fast Spiral SPECT with Stationary γ -Cameras and Focusing Pinholes

Pieter E.B. Vaissier, Marlies C. Goorden, Brendan Vastenhouw, Frans van der Have, Ruud M. Ramakers, and Freek J. Beekman

1300 NEMA NU 4-2008 Comparison of Preclinical PET Imaging Systems

Andrew L. Goertzen, Qinan Bao, Mélanie Bergeron, Eric Blankemeyer, Stephan Blinder, Mario Cañadas, Arion F. Chatziioannou, Katherine Dinelle, Esmat Elhami, Hans-Sonke Jans, Eduardo Lage, Roger Lecomte, Vesna Sossi, Suleman Surti, Yuan-Chuan Tai, Juan José Vaquero, Esther Vicente, Darin A. Williams, and Richard Laforest

SPECIAL CONTRIBUTION

1310 MIRD Pamphlet No. 23: Quantitative SPECT for Patient-Specific 3-Dimensional Dosimetry in Internal Radionuclide Therapy

Yuni K. Dewaraja, Eric C. Frey, George Sgouros, A. Bertrand Brill, Peter Roberson, Pat B. Zanzonico, and Michael Ljungberg

DEPARTMENTS

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8A This Month in JNM

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