

SNMMI NEWSLINE

- 9N** New Officers for SNMMI and SNMMI-TS
- 11N** Second World Congress on ⁶⁸Ga PET/CT and PRRT (SWC-2013)
Michael K. Schultz, Baljinder Singh, Richard P. Baum.
- 12N** ²²³Ra-Dichloride Approved for CRPC
- 13N** SNMMI Leadership Update: Preparing for the Future—A New Strategic Plan
Gary Dillehay
- 14N** SNMMI-TS Leadership Update: Moving New Technologies to the Here and Now
Scott Holbrook
- 15N** Newsbriefs
- 17N** From the Literature

FOCUS ON MOLECULAR IMAGING

- 1007** Radiolabeled Amino Acids for Oncologic Imaging
Chaofeng Huang and Jonathan McConathy

PERSPECTIVE

- 1011** Update on Appropriate Use Criteria for Amyloid PET Imaging: Dementia Experts, Mild Cognitive Impairment, and Education
Keith A. Johnson, Satoshi Minoshima, Nicolaas I. Bohnen, Kevin J. Donohoe, Norman L. Foster, Peter Herscovitch, Jason H. Karlawish, Christopher C. Rowe, Saima Hedrick, Virginia Pappas, Maria C. Carrillo, and Dean M. Hartley

CLINICAL INVESTIGATIONS

- 1014** ⁸⁹Zr-Bevacizumab PET Imaging in Primary Breast Cancer
Sietske B.M. Gaykema, Adrienne H. Brouwers, Marjolijn N. Lub-de Hooge, Rick G. Pleijhuis, Hetty Timmer-Bosscha, Linda Pot, Gooitzen M. van Dam, Sibylle B. van der Meulen, Johan R. de Jong, Joost Bart, Jakob de Vries, Liesbeth Jansen, Elisabeth G.E. de Vries, and Carolien P. Schröder
- 1019** VPA1 Receptors for Imaging Breast Cancer: A Feasibility Study
Mathew L. Thakur, Kaijun Zhang, Adam Berger, Barbara Cavanaugh, Sung Kim, Chaitra Channappa, Andrea J. Frangos, Eric Wickstrom, and Charles M. Intenzo

- 1026** Comparison of EORTC Criteria and PERCIST for PET/CT Response Evaluation of Patients with Metastatic Colorectal Cancer Treated with Irinotecan and Cetuximab
Kristin Skougaard, Dorte Nielsen, Benny Vittrup Jensen, and Helle Westergren Hendel
- 1032** Prognostic Value of Preoperative Metabolic Tumor Volume and Total Lesion Glycolysis Measured by ¹⁸F-FDG PET/CT in Salivary Gland Carcinomas
In Sun Ryu, Jae Seung Kim, Jong-Lyel Roh, Jeong Hyun Lee, Kyung-Ja Cho, Seung-Ho Choi, Soon Yuhl Nam, and Sang Yoon Kim
- 1039** The Role of ¹⁸F-FDG PET/CT for Initial Staging of Nasal Type Natural Killer/T-Cell Lymphoma: A Comparison with Conventional Staging Methods
Seung Hwan Moon, Suk Kyong Cho, Won-Seog Kim, Suk Jin Kim, Yong Chan Ahn, Yearn Seong Choe, Kyung-Han Lee, Byung-Tae Kim, and Joon Young Choi
- 1045** Radioimmunotherapy with ¹⁷⁷Lu-DOTA-Rituximab: Final Results of a Phase I/II Study in 31 Patients with Relapsing Follicular, Mantle Cell, and Other Indolent B-Cell Lymphomas
Flavio Forrer, Catharina Oechslin-Oberholzer, Benedetta Campana, Richard Herrmann, Helmut R. Maecke, Jan Mueller-Brand, and Andreas Lohri
- 1053** Combination of ¹⁸F-FDG PET/CT and Diffusion-Weighted MR Imaging as a Predictor of Histologic Response to Neoadjuvant Chemotherapy: Preliminary Results in Osteosarcoma
Byung Hyun Byun, Chang-Bae Kong, Ilhan Lim, Chang Woon Choi, Won Seok Song, Wan Hyeong Cho, Dae-Geun Jeon, Jae-Soo Koh, Soo-Yong Lee, and Sang Moo Lim
- 1060** ¹⁸F-Fluoromisonidazole PET Uptake Is Correlated with Hypoxia-Inducible Factor-1 α Expression in Oral Squamous Cell Carcinoma
Jun Sato, Yoshimasa Kitagawa, Yutaka Yamazaki, Hironobu Hata, Shozo Okamoto, Tohru Shiga, Masanobu Shindoh, Yuji Kuge, and Nagara Tamaki
- 1066** The Neuroimaging Signature of Frontotemporal Lobar Degeneration Associated with *Granulin* Mutations: An Effective Connectivity Study
Enrico Premi, Mario Grassi, Stefano Gazzina, Barbara Paghera, Daniele Pepe, Silvana Archetti, Alessandro Padovani, and Barbara Borroni
- 1072** Striatal Dopamine Transporter Binding Does Not Correlate with Clinical Severity in Dementia with Lewy Bodies
Morten Ziebell, Birgitte B. Andersen, Lars H. Pinborg, Gitte M. Knudsen, Jette Stokholm, Gerda Thomsen, Merete Karlsborg, Peter Høgh, Mette Louise Mørk, and Steen G. Hasselbalch
- 1077** V/Q SPECT Interpretation for Pulmonary Embolism Diagnosis: Which Criteria to Use?
Pierre-Yves Le Roux, Philippe Robin, Aurélien Delluc, Ronan Abgral, Alexandra Le Duc-Pennec, Emmanuel Nowak, Francis Couturaud, Grégoire Le Gal, and Pierre-Yves Salaun

CONTINUING EDUCATION

1082 Interim ¹⁸F-FDG PET in Hodgkin Lymphoma: Would PET-Adapted Clinical Trials Lead to a Paradigm Shift?

Lale Kostakoglu and Andrea Gallamini

BASIC SCIENCE INVESTIGATIONS

1094 PET Imaging of Colorectal and Breast Cancer by Targeting EphB4 Receptor with ⁶⁴Cu-Labeled hAb47 and hAb131 Antibodies

Shuanglong Liu, Dan Li, Ryan Park, Ren Liu, Zanzian Xia, Jiacong Guo, Valery Krasnoperov, Parkash S. Gill, Zibo Li, Hong Shan, and Peter S. Conti

1101 ¹⁸F-Fluorobenzoate-Labeled Cystine Knot Peptides for PET Imaging of Integrin $\alpha_v\beta_6$

Benjamin J. Hackel, Richard H. Kimura, Zheng Miao, Hongguang Liu, Ataya Sathirachinda, Zhen Cheng, Frederick T. Chin, and Sanjiv S. Gambhir

1106 Comparison of ¹⁸F-Fluoroazomycin-Arabinofuranoside and ⁶⁴Cu-Diacetyl-Bis(N4-Methylthiosemicarbazone) in Preclinical Models of Cancer

Silvia Valtorta, Sara Belloli, Francesca Sanvito, Valeria Masiello, Giuseppe Di Grigoli, Cristina Monterisi, Ferruccio Fazio, Maria Picchio, and Rosa Maria Moresco

1113 Multimodal Assessment of In Vivo Metabolism with Hyperpolarized [^{1-¹³C}]MR Spectroscopy and ¹⁸F-FDG PET Imaging in Hepatocellular Carcinoma Tumor-Bearing Rats

Marion I. Menzel, Eliane V. Farrell, Martin A. Janich, Oleksandr Khagai, Florian Wiesinger, Stephan Nekolla, Angela M. Otto, Axel Haase, Rolf F. Schulte, and Markus Schwaiger

1120 ¹⁸F-AFETP, ¹⁸F-FET, and ¹⁸F-FDG Imaging of Mouse DBT Gliomas

Kiran Kumar Solingapuram Sai, Chaofeng Huang, Liya Yuan, Dong Zhou, David Piwnica-Worms, Joel R. Garbow, John A. Engelbach, Robert H. Mach, Keith M. Rich, and Jonathan McConathy

1127 Longitudinal Assessment of Cerebral β -Amyloid Deposition in Mice Overexpressing Swedish Mutant β -Amyloid Precursor Protein Using ¹⁸F-Florbetaben PET

Axel Rominger, Matthias Brendel, Steffen Burgold, Kevin Keppler, Karlheinz Baumann, Guoming Xiong,

Erik Mille, Franz-Josef Gildehaus, Janette Carlsen, Juli Schlichtiger, Sabrina Niedermoser, Björn Wängler, Paul Cumming, Harald Steiner, Jochen Herms, Christian Haass, and Peter Bartenstein

1135 PET Imaging of Chemokine Receptors in Vascular Injury–Accelerated Atherosclerosis

Yongjian Liu, Richard Pierce, Hannah P. Luehmann, Terry L. Sharp, and Michael J. Welch

1142 Assessment of the ¹⁸F-Labeled PET Tracer LMI1195 for Imaging Norepinephrine Handling in Rat Hearts

Takahiro Higuchi, Behrooz H. Yousefi, Franz Kaiser, Florian Gärtner, Christoph Rischpler, Sybille Reder, Ming Yu, Simon Robinson, Marcus Schwaiger, and Stephan G. Nekolla

1147 PET with ¹⁸F-FDG-Labeled T Lymphocytes for Diagnosis of Acute Rat Renal Allograft Rejection

Alexander Grabner, Dominik Kentrup, Bayram Edemir, Yasemin Sirin, Hermann Pavenstädt, Eberhard Schlatter, Omar Schober, Michael Schäfers, Uta Schnöckel, and Stefan Reuter

1154 Production at the Curie Level of No-Carrier-Added ^{6-¹⁸F-Fluoro-L-Dopa}

Lionel C. Libert, Xavier Franci, Alain R. Plenevaux, Takashi Ooi, Keiji Maruoka, André J. Luxen, and Christian F. Lemaire

1162 Evaluation of the Genisys4, a Bench-Top Preclinical PET Scanner

Ken Herrmann, Magnus Dahlbom, David Nathanson, Liu Wei, Caius Radu, Arion Chatziioannou, and Johannes Czernin

DEPARTMENTS

1168 Book Reviews

1170 Letters to the Editor

8A This Month in JNM

21A Recruitment Advertising

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