

SNMMI NEWSLINE

- 31N** 2020 SNMMI Highlights Lecture: Oncology and Therapy, Part 1
Andrew M. Scott
- 39N** SNMMI Bylaws Committee Notice to the Membership
James M. Woolfenden
- 41N** ABNM: New Requirements for Radiotherapy
George Segall and Leonie Gordon
- 42N** SNMMI Leadership Update: A Year to Remember
Virginia Pappas

DISCUSSIONS WITH LEADERS

- 1697** A Conversation Between Frans van Houten and Ken Herrmann

THE STATE OF THE ART

- 1701** Consensus Recommendations on the Use of ^{18}F -FDG PET/CT in Lung Disease
Delphine L. Chen, Safia Ballout, Laigao Chen, Joseph Cheriyan, Gourab Choudhury, Ana M. Denis-Bacelar, Elise Emond, Kjell Erlandsson, Marie Fisk, Francesco Fraioli, et al.

CONTINUING EDUCATION

- 1708** Nuclear Imaging of Bacterial Infection: The State of the Art and Future Directions
Ilona Polvoy, Robert R. Flavell, Oren S. Rosenberg, Michael A. Ohliger, and David M. Wilson

COVID COMMENTARIES

- 1717** $\alpha_v\beta_6$ -Targeted Molecular PET/CT Imaging of the Lungs After SARS-CoV-2 Infection
Cameron C. Foster, Ryan A. Davis, Sven H. Hausner, and Julie L. Sutcliffe
- 1720** Oncology-Inspired Treatment Options for COVID-19
Nagavarakishore Pillarsetty, Lukas M. Carter, Jason S. Lewis, and Thomas Reiner
- 1724** Low-Dose Radiation to COVID-19 Patients to Ease the Disease Course and Reduce the Need of Intensive Care
Poul Flemming Høilund-Carlsen, Poul-Erik Braad, Oke Gerke, Kasper Karmark Iversen, and Werner Vach
- 1726** Autoimmune Encephalitis Concomitant with SARS-CoV-2 Infection: Insight from ^{18}F -FDG PET Imaging and Neuronal Autoantibodies
Stephan Grimaldi, Stanislas Lagarde, Jean-Robert Harlé, José Boucraut, and Eric Guedj

ONCOLOGY

Clinical

- 1730** Radioiodine Ablation of Remaining Thyroid Lobe in Patients with Differentiated Thyroid Cancer Treated by Lobectomy: A Systematic Review and Metaanalysis
Arnoldo Piccardo, Pierpaolo Trimboli, Gianluca Bottoni, and Luca Giovannella
- 1736** NEMESIS: Noninferiority, Individual-Patient Metaanalysis of Selective Internal Radiation Therapy with ^{90}Y Resin Microspheres Versus Sorafenib in Advanced Hepatocellular Carcinoma
Marino Venerito, Maciej Pech, Ali Canbay, Rossella Donghia, Vito Guerra, Gilles Chatellier, Helena Pereira, Mihir Gandhi, Peter Malfertheiner, Pierce K.H. Chow, et al.
- 1743** Monitoring Response to Transarterial Chemoembolization in Hepatocellular Carcinoma Using ^{18}F -Fluorothymidine PET
Rohini Sharma, Marianna Inglese, Suraiya Dubash, Haonan Lu, David J. Pinato, Chandan Sanghera, Neva Patel, Anthony Chung, Paul D. Tait, Francesco Mauri, et al.
- 1749** MITIGATE-NeoBOMB1, a Phase I/IIa Study to Evaluate Safety, Pharmacokinetics, and Preliminary Imaging of ^{68}Ga -NeoBOMB1, a Gastrin-Releasing Peptide Receptor Antagonist, in GIST Patients
Leonhard Gruber, Luis David Jiménez-Franco, Clemens Decristoforo, Christian Uprimny, Gerhard Glatting, Peter Hohenberger, Stefan O. Schoenberg, Wolfgang Reindl, Francesca Orlandi, Maurizio Mariani, et al.

Basic

- 1756** Radiolabeled cCPE Peptides for SPECT Imaging of Claudin-4 Overexpression in Pancreatic Cancer
Julia Bagaña Torres, Michael Mosley, Sofia Koustoulidou, Samantha Hopkins, Stefan Knapp, Apirat Chaikuad, Masuo Kondoh, Keisuke Tachibana, Veerle Kersemans, and Bart Cornelissen

THERANOSTICS

Clinical

- 1764** ■ EDITORIAL. Updates to the Appropriate-Use Criteria for Somatostatin Receptor PET
Thomas A. Hope
- 1765** ■ FEATURED ARTICLE OF THE MONTH. CXCR4-Targeted PET Imaging of Central Nervous System B-Cell Lymphoma
Peter Herhaus, Jana Lipkova, Felicitas Lammer, Igor Yakushev, Tibor Vag, Julia Slotta-Huspenina, Stefan Habringer, Constantin Lapa, Tobias Pukrop, Dirk Hellwig, et al.
- 1772** ^{177}Lu -EB-PSMA Radioligand Therapy with Escalating Doses in Patients with Metastatic Castration-Resistant Prostate Cancer
Jie Zang, Qingxing Liu, Huimin Sui, Rongxi Wang, Orit Jacobson, Xinrong Fan, Zhaohui Zhu, and Xiaoyuan Chen
- 1779** Factors Predicting Metastatic Disease in ^{68}Ga -PSMA-11 PET-Positive Osseous Lesions in Prostate Cancer
Le Wen Chiu, Courtney Lawhn-Heath, Spencer C. Behr, Roxanna Juarez, Paola M. Perez, Iryna Lobach, Matthew D. Bucknor, Thomas A. Hope, and Robert R. Flavell

- 1786** **Semiautomatically Quantified Tumor Volume Using ⁶⁸Ga-PSMA-11 PET as a Biomarker for Survival in Patients with Advanced Prostate Cancer**
Robert Seifert, Ken Herrmann, Jens Kleesiek, Michael Schäfers, Vijay Shah, Zhoubing Xu, Guillaume Chabin, Sasa Grbic, Bruce Spottiswoode, and Kambiz Rahbar

- 1793** **Impact of ⁶⁸Ga-PSMA-11 PET on the Management of Recurrent Prostate Cancer in a Prospective Single-Arm Clinical Trial**
Wolfgang P. Fendler, Justin Ferdinandus, Johannes Czernin, Matthias Eiber, Robert R. Flavell, Spencer C. Behr, I-Wei K. Wu, Courtney Lawhn-Heath, Miguel H. Pampaloni, Robert E. Reiter, et al.

Basic

- 1800** ■ **FEATURED BASIC SCIENCE ARTICLE. Peptide Receptor Radionuclide Therapy with ⁶⁷Cu-CuSarTATE Is Highly Efficacious Against a Somatostatin-Positive Neuroendocrine Tumor Model**
Carleen Cullinane, Charmaine M. Jeffery, Peter D. Roselt, Ellen M. van Dam, Susan Jackson, Kevin Kuan, Price Jackson, David Binns, Jessica van Zuylenkom, Matthew J. Harris, et al.

- 1806** **Targeting Fibroblast Activation Protein: Radiosynthesis and Preclinical Evaluation of an ¹⁸F-Labeled FAP Inhibitor**
Johannes Toms, Jürgen Kogler, Simone Maschauer, Christoph Daniel, Christian Schmidkonz, Torsten Kuwert, and Olaf Prante

NEUROLOGY

Clinical

- 1814** **Amyloid PET in Dementia Syndromes: A Chinese Multicenter Study**
Zhihong Shi, Li-ping Fu, Nan Zhang, Xiaobin Zhao, Shuai Liu, Chuantao Zuo, Li Cai, Ying Wang, Shuo Gao, Lin Ai, et al.
- 1820** ■ **BRIEF COMMUNICATION. Reshaping the Amyloid Buildup Curve in Alzheimer Disease? Partial-Volume Effect Correction of Longitudinal Amyloid PET Data**
Michael Rullmann, Anke McLeod, Michel J. Grothe, Osama Sabri, and Henryk Barthel, the Alzheimer's Disease Neuroimaging Initiative

Basic

- 1825** **Asymmetry of Fibrillar Plaque Burden in Amyloid Mouse Models**
Christian Sacher, Tanja Blume, Leonie Beyer, Gloria Biechele, Julia Sauerbeck, Florian Eckenweber, Maximilian Deussing, Carola Focke, Samira Parhizkar, Simon Lindner, et al.

PULMONARY

Clinical

- 1832** **A Prospective, Comparative Study of Ventilation-Perfusion Planar Imaging and Ventilation-Perfusion SPECT for Chronic Thromboembolic Pulmonary Hypertension**
Lei Wang, Meng Wang, Tao Yang, Dayong Wu, Changming Xiong, and Wei Fang

MOLECULAR IMAGING

Basic

- 1839** **Molecular Imaging of PD-L1 Expression and Dynamics with the Adnectin-Based PET Tracer ¹⁸F-BMS-986192**
Thijs S. Stutvoet, Elly L. van der Veen, Arjan Kol, Inès F. Antunes, Erik F.J. de Vries, Geke A.P. Hospers, Elisabeth G.E. de Vries, Steven de Jong, and Marjolijn N. Lub-de Hooge

RADIOCHEMISTRY

Basic

- 1845** **Synthesis of the PET Tracer ¹²⁴I-Trametinib for MAPK/ERK Kinase Distribution and Resistance Monitoring**
Edwin C. Pratt, Elizabeth Isaac, Evan P. Stater, Guangbin Yang, Ouathek Ouerfelli, Nagavarakishore Pillarsetty, and Jan Grimm

DEPARTMENTS

- 14A** This Month in JNM
- 1844** Erratum
- 1851** Letters to the Editor