THE STATE OF THE ART

792 Imaging the Distribution of Gastrin-Releasing Peptide Receptors in Cancer
Lucia Baratto, Heying Duan, Helmut Mäcke, and Andrei Iagaru

CONTINUING EDUCATION

799 Molecular Imaging of Bone Metastases and Their Response to Therapy
Gary J.R. Cook and Vicky Goh

ONCOLOGY

Clinical

807 Initial Studies with 11C-Vorozole PET Detect Overexpression of Intratumoral Aromatase in Breast Cancer
Anat Biegon, Kenneth R. Shroyer, Dinko Franceschi, Jasbeer Dhawan, Mouna Tahmi, Deborah Pareto, Patrick Bonilla, Krystal Airola, and Jules Cohen

814 Pretreatment 18F-FDG PET/CT Radiomics Predict Local Recurrence in Patients Treated with Stereotactic Body Radiotherapy for Early-Stage Non–Small Cell Lung Cancer: A Multicentric Study

821 Hyperprogressive Disease in Patients with Non–Small Cell Lung Cancer Treated with Checkpoint Inhibitors: The Role of 18F-FDG PET/CT
Angelo Castello, Sabrina Rossi, Emanuela Mazzuotti, Luca Toschi, and Egesta Lopic

827 11C-Choline PET/CT in Recurrent Prostate Cancer: Retrospective Analysis in a Large U.S. Patient Series

834 Can Intraoperative Fluorescence Imaging Identify All Lesions While the Road Map Created by Preoperative Nuclear Imaging Is Masked?
Phillipa Meershoek, Tessa Buckle, Matthias N. van Oosterom, Gijs H. KleinJan, Henk G. van der Poel, and Fijis W.B. van Leeuwen

Basic

842 Preclinical PERCIST and 25% of SUV$_{max}$ Threshold: Precision Imaging of Response to Therapy in Co-clinical 18F-FDG PET Imaging of Triple-Negative Breast Cancer Patient-Derived Tumor Xenografts
Madhusudan A. Savaikar, Timothy Whitehead, Sudipta Roy, Lori Strong, Nicole Fettig, Tina Prmeau, Jingqin Luo, Shunqiang Li, Richard L. Wahl, and Kooresh I. Shoghi

850 PARP-1–Targeted Auger Emitters Display High-LET Cytotoxic Properties In Vitro but Show Limited Therapeutic Utility in Solid Tumor Models of Human Neuroblastoma
Long-Term Follow-up and Outcomes of Retreatment in an Expanded 50-Patient Single-Center Phase II Prospective Trial of 177Lu-PSMA-617 Theranostics in Metastatic Castration-Resistant Prostate Cancer

John Violet, Shahneen Sandhu, Amir Iravani, Justin Ferdinandus, Sue-Ping Thang, Grace Kong, Aravind Ravi Kumar, Tim Akhurst, David Pattison, Alexis Beaulieu, et al.

3-Year Freedom from Progression After 68Ga-PSMA PET/CT-Triaged Management in Men with Biochemical Recurrence After Radical Prostatectomy: Results of a Prospective Multicenter Trial


Diagnostic Value of 68Ga-PSMA PET/CT for Detection of Phosphatase and Tensin Homolog Expression in Prostate Cancer: A Pilot Study

Baojun Wang, Jie Gao, Qing Zhang, Yao Fu, Guangxiang Liu, Jiong Shi, Danyan Li, Feng Wang, and Hongqian Guo

18F-DCFPyL PET/CT Imaging in Patients with Biochemically Recurrent Prostate Cancer After Primary Local Therapy


64Cu-DOTATATE PET/CT for Imaging Patients with Known or Suspected Somatostatin Receptor–Positive Neuroendocrine Tumors: Results of the First U.S. Prospective, Reader-Masked Clinical Trial

Ebrahim S. Delpassand, David Ranganathan, Nilesh Wagh, Afsin Shafie, Ayman Gaber, Ali Abbasi, Andreas Kjaer, Izabela Tworowska, and Rodolfo Núñez

FEATURED ARTICLE OF THE MONTH. Head-to-Head Comparison of 68Ga-DOTA-JR11 and 68Ga-DOTATATE PET/CT in Patients with Metastatic, Well-Differentiated Neuroendocrine Tumors: A Prospective Study

Wenjia Zhu, Yuejuan Cheng, Xuezhu Wang, Shaobo Yao, Chunmei Bai, Hong Zhao, Ru Jia, Jianming Xu, and Li Huo

FEATURED BASIC SCIENCE ARTICLE. Differential Expression of Glucose Transporters and Hexokinases in Prostate Cancer with a Neuroendocrine Gene Signature: A Mechanistic Perspective for 18F-FDG Imaging of PSMA-Suppressed Tumors

Martin K. Bakht, Jessica M. Lovnicki, Janice Tubman, Keith F. Stringer, Jonathan Chiaramonte, Michael R. Reynolds, Iulian Derecichei, Rosa-Maria Ferraiuolo, Bre-Anne Fifies, Dorota Lubanska, et al.

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BRIEF COMMUNICATION. Rapid Brain Nicotine Uptake from Electronic Cigarettes


SPECIAL CONTRIBUTION

Does 2-FDG PET Accurately Reflect Quantitative In Vivo Glucose Utilization?

Jorge R. Barrio, Sung-Cheng Huang, Nagichettiar Satyamurthy, Claudio S. Scafoglio, Amy S. Yu, Abass Alavi, and Kenneth A. Krohn

DEPARTMENTS

This Month in JNM