

## SNMMI NEWSLINE

- 9N** 2016 SNMMI Highlights Lecture: Oncology, Part 1  
Wolfgang A. Weber
- 15N** SNMMI, ASNC, IAC and Nuclear Cardiology Dose
- 16N** SNMMI COR Submits Recommendations, White Paper on Compounded Sterile Radiopharmaceuticals to USP
- 18N** NIH Doubles Investment in BRAIN Initiative
- 19N** History Corner: Archive Project and History Fund  
Frederic Fahey
- 20N** SNMMI Leadership Update: FDA Approval of Imaging Agents: An Exciting Investment in Nuclear Medicine  
Sally W. Schwarz

## ISSUES AND CONTROVERSIES

- 1** Subjecting Radiologic Imaging to the Linear No-Threshold Hypothesis: A Non Sequitur of Non-Trivial Proportion  
Jeffrey A. Siegel, Charles W. Pennington, and Bill Sacks

## INVITED PERSPECTIVES

- 7** The Controversial Linear No-Threshold Model  
Wolfgang Weber and Pat Zanzonico
- 9** From NETTER to PETER: PSMA-Targeted Radioligand Therapy  
Matthias Eiber and Ken Herrmann

## COMMENTARY

- 11** SNMMI Comment on the 2016 Society of Surgical Oncology "Choosing Wisely" Recommendation on the Use of PET/CT in Colorectal Cancer  
Katherine Zukotynski, Hossein Jadvar, Thomas Hope, Rathan M. Subramaniam, Katherine Van Loon, Madhulika Varma, and Ryan D. Niederkoher

## CONTINUING EDUCATION

- 13** Response Assessment Criteria and Their Applications in Lymphoma: Part 2  
Mateen C. Moghbel, Erik Mittra, Andrea Gallamini, Ryan Niederkoher, Delphine L. Chen, Katherine Zukotynski, Helen Nadel, and Lale Kostakoglu

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- 23** Metabolic Imaging in Parkinson Disease  
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## ONCOLOGY

### Basic Science

- 29** ■ **FEATURED BASIC SCIENCE ARTICLE.** Dual-Modality Imaging of Prostate Cancer with a Fluorescent and Radiogallium-Labeled Gastrin-Releasing Peptide Receptor Antagonist  
Hanwen Zhang, Pooja Desai, Yusuke Koike, Jacob Houghton, Sean Carlin, Nidhi Tandon, Karim Touijer, and Wolfgang A. Weber
- 36** Effect of Carbidopa on <sup>18</sup>F-FDOPA Uptake in Insulinoma: From Cell Culture to Small-Animal PET Imaging  
Julien Detour, Alice Pierre, Frédéric Boisson, Guillaume Kreutter, Thomas Lavaux, Izzie Jacques Namer, Laurence Kessler, David Brasse, Patrice Marchand, and Alessio Imperiale
- 42** Metabolic Evaluation of Non-Small Cell Lung Cancer Patient-Derived Xenograft Models Using <sup>18</sup>F-FDG PET: A Potential Tool for Early Therapy Response  
Silvia Valtorta, Massimo Moro, Giovanna Prisinzano, Giulia Bertolini, Monica Tortoreto, Isabella Raccagni, Ugo Pastorino, Luca Roz, Gabriella Sozzi, and Rosa Maria Moresco

### Translational Science

- 48** Tumor-Absorbed Dose for Non-Hodgkin Lymphoma Patients Treated with the Anti-CD37 Antibody Radionuclide Conjugate <sup>177</sup>Lu-Lilotomab Satetraxetan  
Johan Blakkisrud, Ayca Løndalen, Anne C.T. Martinsen, Jostein Dahle, Jon E. Holtedahl, Tore Bach-Gansmo, Harald Holte, Arne Kolstad, and Caroline Stokke
- 55** Red Marrow-Absorbed Dose for Non-Hodgkin Lymphoma Patients Treated with <sup>177</sup>Lu-Lilotomab Satetraxetan, a Novel Anti-CD37 Antibody-Radionuclide Conjugate  
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### Clinical Investigation

- 62** <sup>18</sup>F-FDG PET for Measurement of Response and Prediction of Outcome to Relapsed or Refractory Mantle Cell Lymphoma Therapy with Bendamustine-Rituximab  
Dominick Lamonica, Daniel A. Graf, Mihaela C. Munteanu, and Myron S. Czuczman
- 69** Feasibility of Multiparametric Imaging with PET/MR in Head and Neck Squamous Cell Carcinoma  
Jacob H. Rasmussen, Martin Nørgaard, Adam E. Hansen, Ivan R. Vogelius, Marianne C. Aznar, Helle H. Johannesen, Junia Costa, Astrid M.E. Engberg, Andreas Kjær, Lena Specht, and Barbara M. Fischer

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### Basic Science

- 75** Theranostic Perspectives in Prostate Cancer with the Gastrin-Releasing Peptide Receptor Antagonist NeoBOMB1: Preclinical and First Clinical Results  
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### Translational Science

- 81** ■ **FEATURED TRANSLATIONAL SCIENCE ARTICLE.** <sup>68</sup>Ga-PSMA-11 PET Imaging of Response to Androgen Receptor Inhibition: First Human Experience  
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## Clinical Investigation

### 85 ■ FEATURED ARTICLE OF THE MONTH. German Multicenter Study Investigating <sup>177</sup>Lu-PSMA-617 Radioligand Therapy in Advanced Prostate Cancer Patients

Kambiz Rahbar, Hojjat Ahmadzadehfar, Clemens Kratochwil, Uwe Haberkorn, Michael Schäfers, Markus Essler, Richard P. Baum, Harshad R. Kulkarni, Matthias Schmidt, Alexander Drzezga, Peter Bartenstein, Andreas Pfestroff, Markus Luster, Ulf Lützen, Marlies Marx, Vikas Prasad, Winfried Brenner, Alexander Heinzl, Felix M. Mottaghy, Juri Ruf, Philipp Tobias Meyer, Martin Heuschkel, Maria Eveslage, Martin Bögemann, Wolfgang Peter Fendler, and Bernd Joachim Krause

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