

## INTRODUCTION

- 1S** The 60th Anniversary Issue of *The Journal of Nuclear Medicine*

## 1960s

- 2S** Capturing Photons More Efficiently (perspective on "Scintillation Camera with Multichannel Collimators" *J Nucl Med.* 1964;5:515–531)  
Heinrich R. Schelbert
- 12S** Recipes for Human Albumin Macroaggregates (perspective on "Suspensions of Radioalbumin Aggregates for Photoscanning the Liver, Spleen, Lung and Other Organs" *J Nucl Med.* 1964;5:259–275)  
Heinrich R. Schelbert
- 23S** Establishing a Clinical Role for Bone Scans (perspective on "Early Diagnosis of Metastatic Bone Cancer by Photoscanning with Strontium-85" *J Nucl Med.* 1964;5:168–179)  
H. William Strauss
- 30S** Smith's Publication on Internal Dose Calculation for <sup>99m</sup>Tc: An Excellent Paper with Approximate Methods (perspective on "Internal Dose Calculation for <sup>99m</sup>Tc" *J Nucl Med.* 1965;6:231–251)  
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## 1970s

- 42S** Application of Annihilation Coincidence Detection to Transaxial Reconstruction Tomography (perspective on "Application of Annihilation Coincidence Detection to Transaxial Reconstruction Tomography" *J Nucl Med.* 1975;16:210–224)  
David W. Townsend and Terry Jones
- 57S** Labeled Leukocyte Imaging: Dawn of an Era (perspective on "Indium-111-Labeled Autologous Leukocytes in Man" *J Nucl Med.* 1977;18:1014–1021)  
Christopher J. Palestro
- 66S** Pharmacologic Stress Testing: Its Roots, Its Impact, and Its Future (perspective on "Myocardial Imaging with Thallium-201: Effect of Cardiac Drugs on Myocardial Images and Absolute Tissue Distribution" *J Nucl Med.* 1978;19:10–16)  
Daniel S. Berman and Alan Rozanski
- 74S** Gallagher's Principle of Metabolic Trapping (perspective on "Metabolic Trapping as a Principle of Radiopharmaceutical Design: Some Factors Responsible for Biodistribution of [18F]2-Deoxy-2-Fluoro-D-Glucose" *J Nucl Med.* 1978;19:1154–1161)  
Steven M. Larson

## 1980s

- 83S** A Mighty Oak Forest from a Single, Well-Planted Acorn (perspective on "Radiolabeled Adrenergic Neuron-Blocking Agents: Adrenomedullary Imaging with [131I] Iodobenzylguanidine" *J Nucl Med.* 1980;21:349–353)  
Daniel A. Pryma and Karen C. Rosenspire

- 89S** Quantitative Cerebral Blood Flow with PET in the 1980s: Going with the Flow (perspective on "Brain Blood Flow Measured with Intravenous H<sub>2</sub><sup>15</sup>O. I. Theory and Error Analysis" *J Nucl Med.* 1983;24:782–789 and "Brain Blood Flow Measured with Intravenous H<sub>2</sub><sup>15</sup>O. II. Implementation and Validation" *J Nucl Med.* 1983;24:790–798)  
Richard E. Carson

- 105S** <sup>18</sup>F-FDG Radiosynthesis: A Landmark in the History of PET (perspective on "Efficient Stereospecific Synthesis of No-Carrier-Added 2-[<sup>18</sup>F]fluoro-2-Deoxy-D-Glucose Using Aminopolyether Supported Nucleophilic Substitution" *J Nucl Med.* 1986;27:235–238)  
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- 110S** From <sup>201</sup>Tl to <sup>99m</sup>Tc-Sestamibi (perspective on "Technetium-99m Hexakis 2-Methoxyisobutyl Isonitrite: Human Biodistribution, Dosimetry, Safety, and Preliminary Comparison To Thallium-201 for Myocardial Perfusion Imaging" *J Nucl Med.* 1989;30:301–311)  
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## 1990s

- 121S** Somatostatin Receptor Scintigraphy: Blazing in Indium and Quenching in Gallium (perspective on "Somatostatin Receptor Scintigraphy with Indium-111-DTPA-D-Phe-1-Octreotide in Man: Metabolism, Dosimetry and Comparison with Iodine-123-Tyr-3-Octreotide" *J Nucl Med.* 1992;33:652–658)  
Lisa Bodei
- 130S** Promises and Challenges of Metabolic Imaging: Where Does <sup>18</sup>F-FDG Stand in the Immunometabolism Era (perspective on "Intratumoral Distribution of Fluorine-18-Fluorodeoxyglucose In Vivo: High Accumulation in Macrophages and Granulation Tissues Studied by Microautoradiography" *J Nucl Med.* 1992;33:1972–1980)  
Sina Tavakoli
- 140S** A Pioneering Paper That Provided a Tool for Accurate, Observer-Independent Analysis of <sup>18</sup>F-FDG Brain Scans in Neurodegenerative Dementias (perspective on "A Diagnostic Approach in Alzheimer's Disease Using Three-Dimensional Stereotactic Surface Projections of Fluorine-18-FDG PET" *J Nucl Med.* 1995;36:1238–1248)  
Peter Herscovitch
- 153S** Small-Animal PET: A Technology That Changed Our Field (perspective on "Performance Evaluation of microPET: A High-Resolution Lutetium Oxyorthosilicate PET Scanner for Animal Imaging" *J Nucl Med.* 1999;40:1164–1175)  
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## 2000s

- 166S** On the Origin of Hybrid Imaging (perspective on "A Combined PET/CT Scanner for Clinical Oncology" *J Nucl Med.* 2000;41:1369–1379)  
Adriaan A. Lammertsma
- 178S** <sup>18</sup>F-FDG PET/CT for Target Volume Contouring in Lung Cancer Radiotherapy (perspective on "Comparison of Different Methods for Delineation of <sup>18</sup>F-FDG PET-Positive Tissue for Target Volume Definition in Radiotherapy of Patients with Non-Small Cell Lung Cancer" *J Nucl Med.* 2005;46:1342–1348)  
Martin Stuschke and Christoph Pöttgen

**187S Importance of PET with <sup>68</sup>Ga-Labeled Somatostatin Analogs** (perspective on “<sup>68</sup>Ga-DOTA-Tyr3-Octreotide PET in Neuroendocrine Tumors: Comparison with Somatostatin Receptor Scintigraphy and CT” *J Nucl Med.* 2007;48:508–518)  
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**199S PERCISTence: Strength or Stubbornness?** (perspective on “From RECIST to PERCIST: Evolving Considerations for PET Response Criteria in Solid Tumors” *J Nucl Med.* 2009;50(suppl 1):122S–150S)  
Rodney J. Hicks and Otto S. Hoekstra

## 2010s

**227S Switching on Brain PET to Light up Amyloid Pathology In Vivo** (perspective on “In Vivo Imaging of Amyloid Deposition in Alzheimer Disease Using the Radioligand <sup>18</sup>F-AV-45 (Florbetapir F 18)” *J Nucl Med.* 2010;51:913–920)  
Henryk Barthel

**236S A Stepping-Stone to Fully Integrated Whole-Body PET/MRI** (perspective on “Performance Measurements of the Siemens mMR Integrated Whole-Body PET/MR Scanner” *J Nucl Med.* 2011;52:1914–1922)  
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**255S From Compassionate Use to Phase 3 Trial: The Impact of Germany’s PSMA-617 Literature** (perspective on “German Multicenter Study Investigating <sup>177</sup>Lu-PSMA-617 Radioligand Therapy in Advanced Prostate Cancer Patients” *J Nucl Med.* 2017;58:85–90)  
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## THE FUTURE OF THE FIELD

**263S The Future of Nuclear Medicine, Molecular Imaging, and Theranostics**  
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