DESCRIPTION
Nuclear Medicine has long been recognized as the imaging modality that can best assess function and the results of events that occur at a molecular level. The increased understanding of genomic and specific molecular mechanisms is now being more widely applied in clinical situations. The goal of this program is to discuss how nuclear molecular imaging can increase the effectiveness of many studies performed daily in both academic and community hospital imaging centers. Johns Hopkins faculty and visiting experts present their experience with PET/CT and SPECT/CT and illustrate their results with studies from their patient populations.

TARGET AUDIENCE
This program will be especially applicable to nuclear medicine physicians and radiologists who interpret nuclear medicine studies as well as those who treat patients with radioactive isotopes. It will also be useful for referring physicians who want to learn more about state-of-the-art and emerging nuclear medicine studies. The program will also be appropriate for technologists and others interested in using current state-of-the-art nuclear medicine techniques.

OBJECTIVES
After participating in the activity, the participant will demonstrate the ability to:
• Interpret nuclear medicine studies with greater confidence.
• Recognize new ways to obtain quantitative data.
• Discuss different nuclear medicine treatment options available to patients for variety of disease states, including emerging techniques.

ACCREDITATION STATEMENT
The Johns Hopkins University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

CREDIT DESIGNATION STATEMENT
The Johns Hopkins University School of Medicine designates this enduring material activity for a maximum of 10.75 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

OTHER CREDITS
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POLICY ON SPEAKER AND PROVIDER DISCLOSURE
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<table>
<thead>
<tr>
<th>Speakers Name</th>
<th>Relationships</th>
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</thead>
<tbody>
<tr>
<td>Richard P. Baum, MD, PhD</td>
<td>Contracted Research: Advanced Accelerator Applications</td>
</tr>
<tr>
<td></td>
<td>Principal Investigator: Advanced Accelerator Applications</td>
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<tr>
<td>Rob Beanlands, MD, FRCPC, FACC</td>
<td>Consulting Fee: Jubilant DRAXImage; Lantheus Medical Imaging</td>
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<tr>
<td></td>
<td>Other Role: Lantheus Medical Imaging</td>
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<tr>
<td></td>
<td>Principal Investigator: Jubilant DRAXImage</td>
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<tr>
<td>Kelvin Hong, MD</td>
<td>Contracted Research: Merit Medical; Principal Investigator:</td>
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<td></td>
<td>Boston Scientific Corporation</td>
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<tr>
<td></td>
<td>Consulting Fee: Boston Scientific Corporation; BTG International Ltd.</td>
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<tr>
<td></td>
<td>Other Role-Advisory Board: BTG International Ltd.</td>
</tr>
<tr>
<td>Sanjay K. Jain, MD</td>
<td>Contracted Research: Gilead</td>
</tr>
<tr>
<td></td>
<td>Principal Investigator: Gilead</td>
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<tr>
<td>Val J. Lowe, MD, FACS</td>
<td>Contracted Research: GE Healthcare Bio-Sciences</td>
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<tr>
<td></td>
<td>Principal Investigator: Merck and Company Inc.</td>
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<tr>
<td></td>
<td>Consulting Fee: Biogen, Idec, Merck and Company, Inc. and Piramal Imaging</td>
</tr>
<tr>
<td>David A. Mankoff, MD, PhD</td>
<td>Consulting Fee: Bule Earth Diagnostics; GE Healthcare Bio-Sciences</td>
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<td>Ownership Interest: Reflexion</td>
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<td>Contracted Research: Siemens AG</td>
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<tr>
<td>Name</td>
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<tr>
<td>Jonathan E. McConathy, MD, PhD</td>
<td>Consulting Fee: AbbVie, Blue Earth Diagnostics, Eli Lilly, GE Healthcare Bio-Sciences</td>
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<tr>
<td></td>
<td>Contracted Research: AbbVie</td>
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<tr>
<td></td>
<td>Other Role: Spouse receives research support from AbbVie</td>
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<tr>
<td>Chiadikaobi U. Onyike, MD</td>
<td>Contracted Research: Tau Therapeutics</td>
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<tr>
<td>Kenneth J. Pienta, MD</td>
<td>Contracted Research: Progenics</td>
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<tr>
<td>Martin G. Pomper, MD, PhD</td>
<td>Contracted Research: Progenics</td>
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<td>Principal Investigator: Tau Therapeutics</td>
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<td></td>
<td>Principal Investigator: Progenics</td>
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<tr>
<td></td>
<td>Receipt of Intellectual Property Rights/Patent Holder: Progenics Pharmaceuticals; Advanced Accelerator Applications</td>
</tr>
<tr>
<td>Steven P. Rowe, MD, PhD</td>
<td>Salary: Progenics Pharmaceuticals</td>
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<tr>
<td></td>
<td>Other Role-Co-investigator on industry sponsored trial: Progenics Pharmaceuticals</td>
</tr>
<tr>
<td>Thomas H. Schindler, MD</td>
<td>Contracted Research: Siemens AG</td>
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<tr>
<td></td>
<td>Principal Investigator: Siemens AG</td>
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<tr>
<td>George Sgouros, PhD</td>
<td>Consulting Fee: Bayer Corporation</td>
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<tr>
<td>Daniel Y. Song, MD</td>
<td>Contracted Research: Bayer Corporation</td>
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<td>Principal Investigator: Bayer Corporation</td>
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<tr>
<td>Zsolt Szabo, MD, PhD</td>
<td>Contracted Research: Siemens AG</td>
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<td>Principal Investigator: Siemens AG</td>
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<tr>
<td>Dean F. Wong, MD, PhD</td>
<td>Contracted Research: Johnson and Johnson</td>
</tr>
<tr>
<td></td>
<td>Contracted Research: Roche</td>
</tr>
</tbody>
</table>
No other speakers have indicated that they have any financial interests or relationships with a commercial entity.

**PLANNERS NAME**

**RELATIONSHIPS**

**Martin G. Pomper, MD, PhD**

- **Receipt of Intellectual Property Rights/Patent Holder:** Progenics Pharmaceuticals; Advanced Accelerator Applications;  
  **Principal Investigator:** Progenics Pharmaceuticals; Advanced Accelerator Applications

No other planners have indicated that they have any financial interests or relationships with a commercial entity.

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Enhance Patient Care with Nuclear Medicine and Molecular Imaging - EM

July 26, 2017 – July 26, 2020
80042606/9798

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COURSE FORMAT – METHOD OF PARTICIPATION
This enduring material is expected to take approximately 11 hours to complete. Once the activity is completed, you must pass the post-test and complete the evaluation to receive CME credit.

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FEES
Registration Fee: $495

We require full payment prior to the start of the activity. No refunds will be given for this enduring material.

RELEASE DATE
July 26, 2017

EXPIRATION DATE
July 26, 2020

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Post activity, an online evaluation form will be available to attendees to evaluate the activity and identify future educational needs. Upon completion of the evaluation, the learner must attest to the number of hours in attendance. A certificate of attendance will be available immediately for download or print. The last day to evaluate the material and attest to your credits will be July 20, 2020.

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