

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

The Johns Hopkins University has approved this activity for 10.75 contact hours for non-physicians.

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SPEAKERS NAME**RELATIONSHIPS**

Richard P. Baum, MD, PhD

Contracted Research: Advanced Accelerator Applications
Principal Investigator: Advanced Accelerator Applications

Rob Beanlands, MD, FRCPC, FACC

Consulting Fee: Jubilant DRAXImage; Lantheus Medical Imaging
Other Role: Lantheus Medical Imaging
Principal Investigator: Jubilant DRAXImage

Kelvin Hong, MD

Contracted Research: Merit Medical; Principal Investigator:
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Consulting Fee: Boston Scientific Corporation; BTG International
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Other Role-Advisory Board:
BTG International Ltd.

Sanjay K. Jain, MD

Contracted Research: Gilead
Principal Investigator: Gilead

Val J. Lowe, MD, FACS

Contracted Research: GE Healthcare Bio-Sciences
Principal Investigator: Merck and Company Inc.
Consulting Fee: Biogen, Idec, Merck and Company, Inc. and
Piramal Imaging

David A. Mankoff, MD, PhD

Consulting Fee: Bule Earth Diagnostics; GE Healthcare Bio-Sciences
Ownership Interest: Reflexion
Contracted Research: Siemens AG

Jonathan E. McConathy, MD, PhD**Consulting Fee:** AbbVie, Blue Earth Diagnostics, Eli Lilly, GE Healthcare Bio-Sciences**Contracted Research:** AbbVie**Other Role:** Spouse receives research support from AbbVie**Chiadikaobi U. Onyike, MD****Contracted Research:** Tau Therapeutics**Principal Investigator:** Tau Therapeutics**Kenneth J. Pienta, MD****Contracted Research:** Progenics**Principal Investigator:** Progenics**Martin G. Pomper, MD, PhD****Receipt of Intellectual Property Rights/Patent Holder:** Progenics Pharmaceuticals; Advanced Accelerator**Applications Principal Investigator:** Progenics Pharmaceuticals; Advanced Accelerator Applications**Steven P. Rowe, MD, PhD****Salary:** Progenics Pharmaceuticals**Other Role-Co-investigator on industry sponsored trial:** Progenics Pharmaceuticals**Thomas H. Schindler, MD****Contracted Research:** Siemens AG**Principal Investigator:** Siemens AG**George Sgouros, PhD****Consulting Fee:** Bayer Corporation**Daniel Y. Song, MD****Contracted Research:** Bayer Corporation**Principal Investigator:** Bayer Corporation**Zsolt Szabo, MD, PhD****Contracted Research:** Siemens AG**Principal Investigator:** Siemens AG**Dean F. Wong, MD, PhD****Contracted Research:** Johnson and Johnson**Contracted Research:** Roche

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.

Note: Grants to investigators at the Johns Hopkins University are negotiated and administered by the institution which receives the grants, typically through the Office of Research Administration. Individual investigators who participate in the sponsored project(s) are not directly compensated by the sponsor, but may receive salary or other support from the institution to support their effort on the project(s).

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

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JOHNS HOPKINS SPEAKERS**David S. Cooper, MD**

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Division of Cardiovascular and Interventional Radiology
Division Chief, Vascular and Interventional Radiology
Director, Interventional Radiology Center
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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.

To register, visit <https://hopkinscme.cloudcme.com/aph.aspx?EID=9798&P=3000&CaseID=100075#>. You will need to click on the “Register” button and complete your registration. Once you have paid and registered for the course, you can go back to the webpage above and click on the “Content & Tests” button to view the material and take the posttest and evaluation.

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

HARDWARE/SOFTWARE REQUIREMENTS

Internet connection and access to a web browser.

EVALUATION AND OUTCOMES SURVEY

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.

POST-TEST

A post-test will be conducted at the conclusion of the activity. A grade of at least 75% within three attempts is needed to receive CME credit.

AMERICANS WITH DISABILITIES ACT

The Johns Hopkins University School of Medicine fully complies with the legal requirements of the ADA and the rules and regulations thereof. *Please notify us if you have any special needs.*

FOR FURTHER INFORMATION

General Information (410) 955-2959
E-mail the Office of CME cmenet@jhmi.edu

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