

BASSER
CENTER
FOR BRCA

4TH ANNUAL SCIENTIFIC SYMPOSIUM

Recent Advances in
Breast and Ovarian Cancer Genetics

Keynote Speaker and Basser Global Prize Awardee:
David Livingston, MD

TUESDAY, MAY 24, 2016

WEDNESDAY, MAY 25, 2016

Smilow Center for Translational Research
Auditorium/Commons

(enter through Perelman Center for Advanced Medicine)



Penn Medicine

Program Overview

This symposium is designed to educate health care providers in cancer genetics by presenting cutting-edge data from renowned *BRCA1/2* researchers. This symposium will provide information on new strategies in genetic testing, cancer screening and prevention and ongoing work in targeted therapy for *BRCA1/2* mutation carriers through a series of lectures and panel discussions and give attendees the opportunity to network with colleagues working in the field.

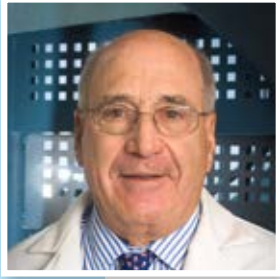
PROGRAM OBJECTIVES

At the completion of this symposium, attendees should be able to:

- **Discuss new research on the basic biology of *BRCA1* and *BRCA2* as well as new sequencing strategies which may aid in developing targeted treatment.**
- **Discuss the current understanding of variants of uncertain significance.**
- **Describe the current clinical management strategies for individuals with genetic risk of breast, ovarian and pancreatic cancer.**
- **Identify ethical and social implications of genetic testing.**
- **Discuss new advances in cancer treatment for *BRCA1/2* mutation carriers.**

WHO SHOULD ATTEND

Healthcare providers including medical oncology, surgical oncology, gynecology oncology, ob-gyn, genetic counselors, primary care physicians and nurses/nurse practitioners who are interested in the genetics of *BRCA1/2* related cancers.



KEYNOTE SPEAKER AND BASSER GLOBAL PRIZE AWARDEE

David Livingston, MD

Dana Farber Cancer Institute, Harvard Medical School

David Livingston is the Emil Frei Professor of Genetics and Medicine at Harvard Medical School and deputy director of the Dana-Farber Cancer Institute. Dr. Livingston has made significant contributions toward understanding how mutations in the *BRCA1* and *BRCA2* genes promote cancer development. The primary focus of Dr. Livingston's laboratory is to understand the fundamental mechanisms and steps by which inherited mutations in *BRCA1* and *BRCA2* lead to breast and ovarian cancer. His group is pursuing an approach that focuses on understanding the cellular processes that are rendered defective by *BRCA1* mutations and have unearthed a potentially promising target function that may be important for preventing *BRCA1*-related cancers as well as the treatment of metastatic non-*BRCA1* cancers. Dr. Livingston's goal is to reduce the number of cells in the breast and ovaries of *BRCA1* mutation carriers that manifest a high potential for becoming malignant.



SYMPOSIUM CHAIR

Susan M. Domchek, MD

Executive Director, Basser Center for BRCA

Director, Mariann and Robert MacDonald Cancer Risk Evaluation Center

Susan Domchek is Professor of Medicine and the Basser Professor in Oncology at the Perelman School of Medicine of the University of Pennsylvania in Philadelphia. She also serves as Executive Director of the Basser Center for BRCA at the Abramson Cancer Center at the University of Pennsylvania, and Director of the Mariann and Robert MacDonald Cancer Risk Evaluation Center at the Abramson Cancer Center, which focuses on genetic evaluation and medical management of patients and individuals with *BRCA1/2* mutations and other inherited risk factors for cancer. She is a Senior Fellow at the Leonard Davis Institute of Health Economics.

An elected member of the American Society of Clinical Investigation, Dr. Domchek is also a member of the American Society of Clinical Oncology. A significant contributor to the oncology literature, she has authored/co-authored more than 150 articles appearing in scholarly journals, and serves on a number of editorial review boards, including the Journal of Clinical Oncology.

SYMPOSIUM CO-ORGANIZERS

Ronald Drapkin, MD, PhD

Associate Professor of Obstetrics & Gynecology
Director, Ovarian Cancer Research Center
Director of Gynecological Research,
Basser Center for BRCA

Roger Greenberg, MD, PhD

Associate Professor of Cancer Biology
Investigator, Abramson Family Cancer Research Institute
Director of Basic Science, Basser Center for BRCA

Katherine Nathanson, MD

Associate Professor, Dept. of Medicine,
Translational Medicine and Human Genetics
and Co-Leader, Cancer Control Program
Abramson Cancer Center
Director of Genetics, Basser Center for BRCA

PENN MEDICINE FACULTY

Emily Conant, MD

Chief, Breast Imaging
Professor of Radiology
Hospital of the University of Pennsylvania

Ronald Drapkin, MD, PhD

Associate Professor of Obstetrics & Gynecology
Director, Ovarian Cancer Research Center
Director of Gynecological Research,
Basser Center for BRCA

Roger Greenberg, MD, PhD

Associate Professor of Cancer Biology
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Katherine Nathanson, MD

Associate Professor, Dept. of Medicine,
Translational Medicine and Human Genetics
and Co-Leader, Cancer Control Program
Abramson Cancer Center
Director of Genetics, Basser Center for BRCA

GUEST SPEAKERS

Fran Balkwill, OBE, FMedSci

Professor of Cancer Biology
Centre Lead, Centre for Cancer and
Inflammation-Barts Cancer Institute
Queen Mary University of London

David Bowtell, PhD

Head, Cancer Genomics and Genetics Program
Peter MacCallum Cancer Centre
University of Melbourne

Simon Gayther, PhD

Director of Molecular Epidemiology
Director of the Center for Cancer Prevention
and Translational Genomics
Samuel Oschin Cancer Institute

Thomas Helleday, PhD

Professor of Medical Biochemistry and Biophysics
Karolinska Institute

Karen Knudsen, PhD

Director, Sidney Kimmel Cancer Center
Chair and Hilary Koprowski Endowed Professor
Department of Cancer Biology
Thomas Jefferson University

Paul Pharoah, PhD

Professor and Senior Research Group Leader
University of Cambridge

Jorge Reis-Filho, MD, PhD

Member and Attending, Department of Pathology
Memorial Sloan Kettering Cancer Center

Mark Robson, MD

Clinic Director, Clinical Genetics Service
Memorial Sloan Kettering Cancer Center

Ralph Scully, MBBS, PhD

Associate Professor of Medicine
Harvard Medical School and Beth Israel Deaconess
Medical Center

Geoffrey Shapiro, MD, PhD

Associate Professor of Medicine
Director, Early Drug Development Center
Dana-Farber Cancer Institute

Anil Sood, MD

Professor, Department of Gynecological Oncology
Director Ovarian Cancer Research
University of Texas MD Anderson Cancer Center

David Solit, MD

Geoffrey Beene Chair
Director, Marie-Josée and Henry R. Kravis
Center for Molecular Oncology
Memorial Sloan Kettering Cancer Center

Zoltan Szallasi, MD

Assistant Professor, Pediatrics
Boston Children's Hospital and
Harvard Medical School

David Yu, MD, PhD

Assistant Professor,
Department of Radiation Oncology
Winship Cancer Institute
Emory University School of Medicine

BASSER CENTER FOR BRCA

4TH ANNUAL SCIENTIFIC SYMPOSIUM AGENDA

TUESDAY, MAY 24, 2016

Smilow Center for Translational Research | Auditorium/Commons

7:30-8:15 Registration

8:15-8:30 Welcome/Introductions

Morning Session

Ovarian Cancer: From Pathogenesis to Genomics to Targets

8:30-9:00 David Bowtell, PhD

9:00-9:30 Ronny Drapkin, MD, PhD

9:30-10:00 Fran Balkwill, OBE, FMedSci

10:00-10:30 Break

10:30-11:00 Zoltan Szallasi, MD

11:00-11:30 Anil Sood, MD

11:30-12:45 Lunch On Your Own

A list of local eateries will be provided.

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Afternoon Session

BRCA Function in DNA Repair: From Foci to Targeted Therapies

12:45-1:15 Ralph Scully, MBSS, PhD

1:15-1:45 Roger Greenberg, MD, PhD

1:45-2:15 David Yu, MD, PhD

2:15-2:45 Thomas Helleday, PhD

2:45-3:15 Break

3:15-4:30 Global Prize Presentation and Keynote

David Livingston, MD

4:30-5:30 Poster Session/Reception

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4TH ANNUAL SCIENTIFIC SYMPOSIUM AGENDA

WEDNESDAY, MAY 25, 2016

Smilow Center for Translational Research | Auditorium/Commons

7:30-8:15 Registration

8:15-8:30 Welcome/Introductions

Morning Session New Genes, New Therapies

8:30-9:00 Simon Gayther, PhD

9:00-9:30 Paul Pharoah, PhD

9:30-10:00 David Solit, MD

10:00-10:30 Break

10:30-11:00 Jorge Reis-Filho, MD, PhD

11:00-11:30 Karen Knudsen, PhD

11:30-12:00 Geoffrey Shapiro, MD, PhD

12:00-1:15 Lunch On Your Own

A list of local eateries will be provided.

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Afternoon Session

Into the Clinic: Mosaicism, Screening Options and More

1:15-1:45 Katherine Nathanson, MD

1:45-2:15 Emily Conant, MD

2:15-2:45 Mark Robson, MD

2:45-3:45 Panel discussion moderated by Susan Domchek, MD

3:45-4:00 Wrap up/evaluations

Registration Information

REGISTER ONLINE

This conference is **FREE** but we strongly recommend registration, as space is limited.

ACCREDITATION AND CREDIT INFORMATION

Genetic Counselors: This event has been submitted to the National Society of Genetic Counselors (NSGC) for approval of Category 1 CEUs. The American Board of Genetic Counseling (ABGC) accepts CEUs approved by NSGC for purposes of recertification. Approval for the requested CEUs and Contact Hours is currently pending.

DISCLOSURES

Faculty disclosure information will be made available at the conference. Faculty members are also expected to disclose to participants any discussion of off-label and/or investigational use of pharmaceutical products or devices within their presentations.

CANCELLATION POLICY

The Perelman School of Medicine at the University of Pennsylvania reserves the right to cancel or postpone any activity due to unforeseen circumstances. In the event of cancellation or postponement, the University will not be responsible for related costs or expenses to participants, including cancellation fees assessed by hotels, airlines, or travel agencies.

SERVICES FOR THE DISABLED

If special arrangements are required for an individual with a disability to attend this

meeting, please contact basserinfo@uphs.upenn.edu by April 15, 2016.

SPECIAL REQUESTS

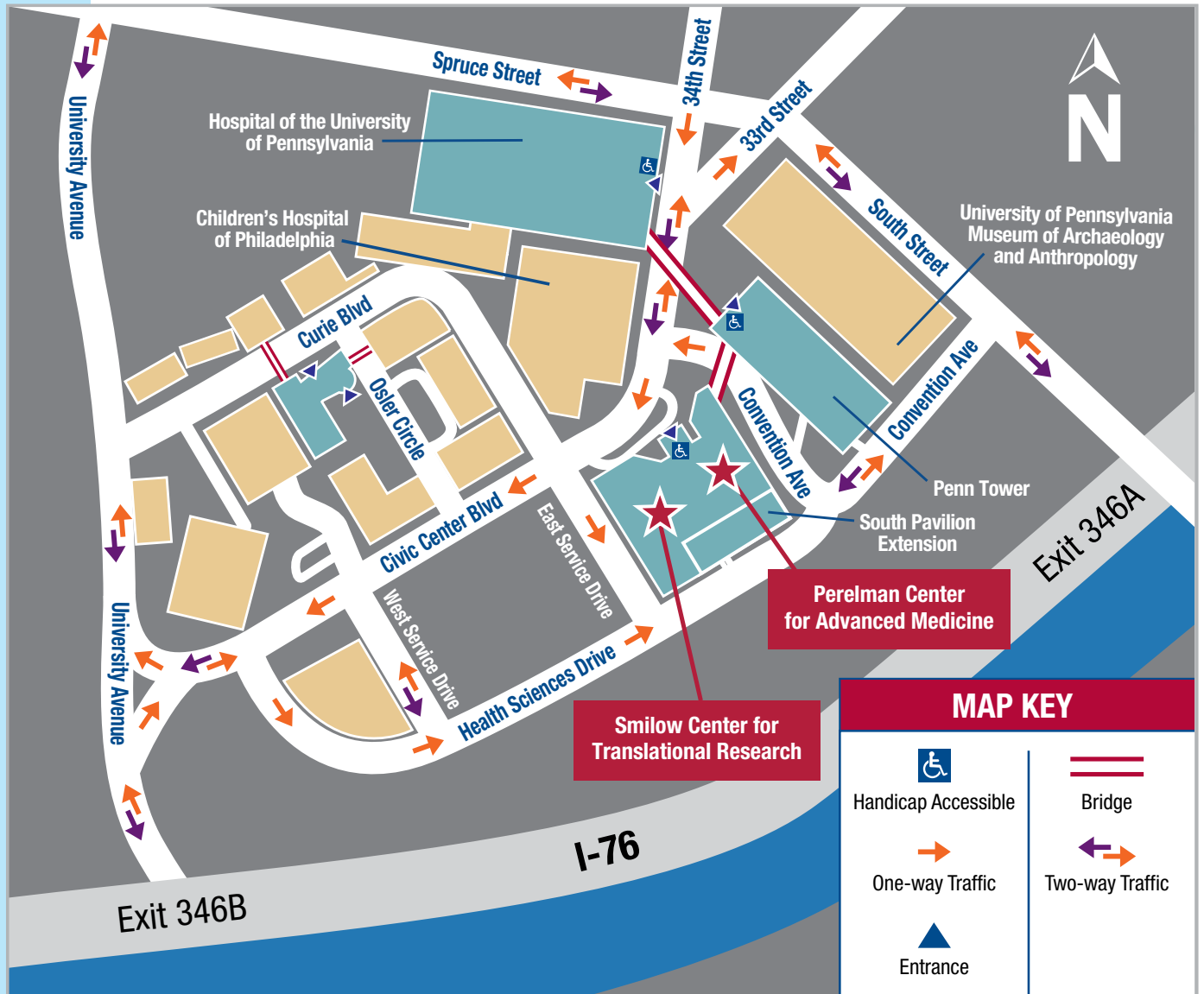
If special requests for food or other logistics are required, contact basserinfo@uphs.upenn.edu by April 15, 2016.

NONDISCRIMINATION STATEMENT

The University of Pennsylvania values diversity and seeks talented students, faculty and staff from diverse backgrounds. The University of Pennsylvania does not discriminate on the basis of race, sex, sexual orientation, gender identity, religion, color, national or ethnic origin, age, disability, or status as a Vietnam Era Veteran or disabled veteran in the administration of educational policies, programs or activities; admissions policies; scholarship and loan awards; athletic, or other University administered programs or employment. Questions or complaints regarding this policy should be directed to: Executive Director, Office of Affirmative Action and Equal Opportunity Programs, 3600 Chestnut Street, Sansom Place East, Suite 228, Philadelphia, PA 19104-6106 or 215.898.6993 (Voice) or 215.898.7803 (TDD).

Visiting Information

PENN MEDICINE CAMPUS MAP



HOTEL

A block of rooms has been reserved at the **Sonesta Philadelphia Downtown** at a special group rate of \$185 per night.

Rooms must be reserved by Monday, May 2, 2016 to take advantage of the group rate.

[RESERVE YOUR ROOM](#)

Visiting Information

PARKING

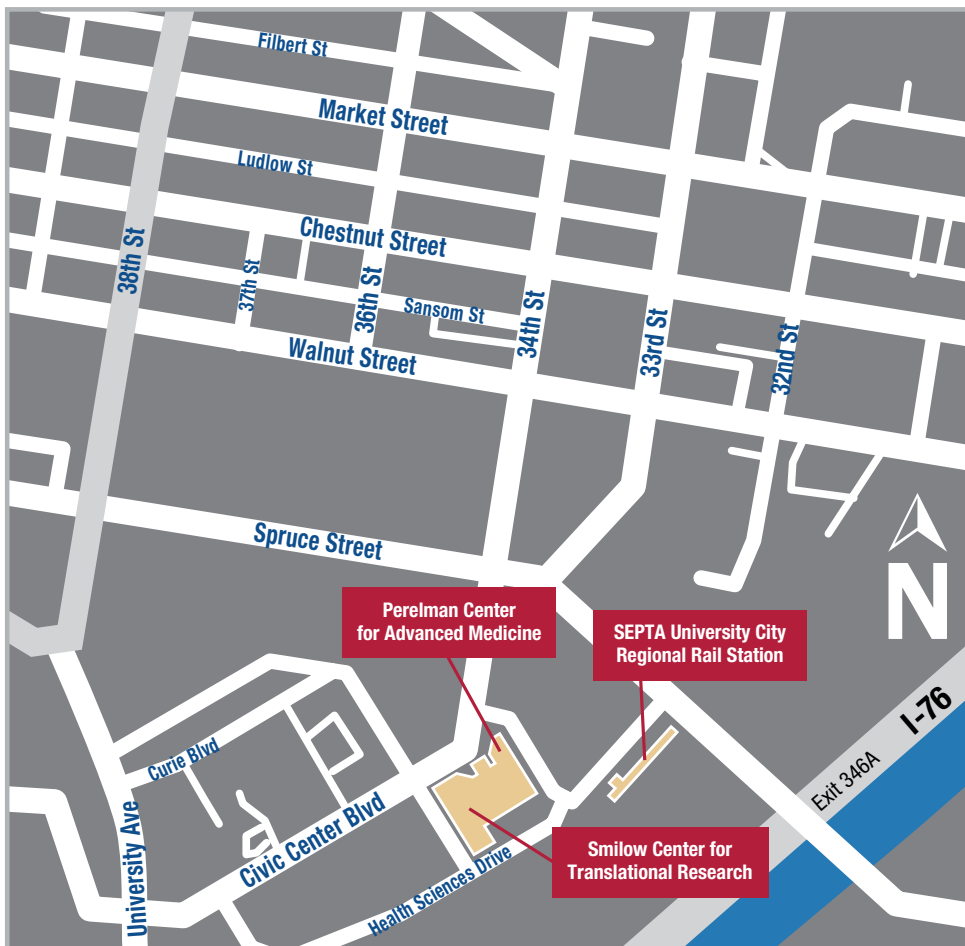
Parking will not be available on the medical campus, but public self-pay parking lots available in the University City vicinity can be found at:

- Drexel University Parking Lot – 34th and Market Streets
- University of Pennsylvania Parking Lot – 34th and Chestnut Streets
- University of Pennsylvania Parking Lot - 38th and Walnut Streets

For more information, visit <http://cms.business-services.upenn.edu/parking/>

PUBLIC TRANSPORTATION

The SEPTA University City train station is within walking distance of the medical campus. For more information, visit www.Septa.org



The Basser Center for BRCA focuses exclusively on *BRCA1* and *BRCA2* research. Our mission is to use cutting edge research in basic and clinical sciences to advance the care of individuals living with BRCA mutations.



WE TAKE CANCER PERSONALLY.

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