

Metastatic Breast Cancer Conference 2016



October 20–21, 2016

Houston, Texas

Conference Director: Matthew J. Ellis, B.Sc., M.B., B.Chir., Ph.D.
Professor and Director, Lester & Sue Smith Breast Center

Conference Co-Director: Xiang "Shawn" Zhang, Ph.D.
Assistant Professor, Lester & Sue Smith Breast Center

Baylor College of Medicine • Houston, Texas

Jointly provided by

Baylor College of Medicine, the Lester & Sue Smith Breast Center
and Theresa's Research Foundation

Baylor
College of
Medicine

LESTER & SUE SMITH
BREAST
CENTER

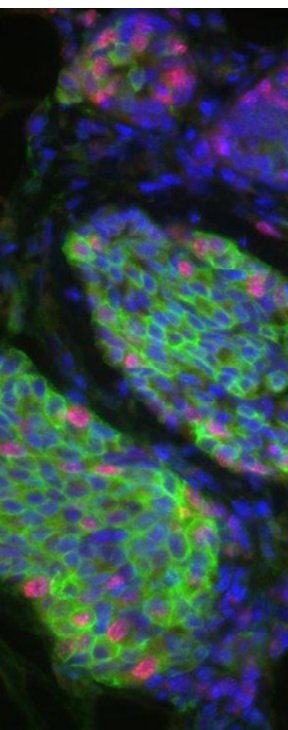
 **theresa's**
research foundation
changing the odds of metastatic breast cancer

Needs Statement

Metastatic, Stage IV, or advanced breast cancer is the spread of cancer cells beyond the breast to new areas of the body, often by way of the lymph system or bloodstream.

Metastases account for more than 90% of cancer morbidity and mortality. In metastatic breast cancer, this translates to nearly 40,000 deaths annually in the United States and more than 500,000 deaths worldwide. Metastatic breast cancer is the leading cause of cancer death in women under 50 years of age.

The goal of this activity is to educate clinicians on ways to improve survival rates and quality-of-life in patients with metastatic breast cancer.



Target Audience

Clinicians who treat patients with metastatic breast cancer.

Objectives

At the conclusion of the activity, participants should be able to:

- Implement evidence-based recommendations for treatment of metastatic breast cancer and its subtypes.
- Identify evidence-based recommendations to improve palliative care and end-of-life counseling for patients with metastatic breast cancer.
- Describe how precision medicine can help improve treatment of metastatic breast cancer.
- Discuss how novel therapies can be applied to the treatment of metastatic breast cancer in order to improve outcomes and quality of life.

Educational Methods and Evaluation

Lectures • Clinical Debate • Advocate Forum • Panel Discussion

An evaluation by questionnaire will address program content, presentation, and possible bias.

Accreditation/Credit Designation

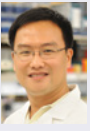
This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of Baylor College of Medicine, the Lester & Sue Smith Breast Center, and Theresa's Research Foundation. Baylor College of Medicine is accredited by the ACCME to provide continuing medical education for physicians.

Baylor College of Medicine designates this live activity for a maximum of 10.0 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.



Matthew J. Ellis, B.Sc., M.B., B.Chir., Ph.D. • Conference Director

Professor of Oncology, Medicine, and Molecular and Cellular Biology
Director, Lester and Sue Smith Breast Center
C. Kent Osborne Endowed Chair
CPRIT Scholar in Cancer Research
McNair Medical Institute Scholar



Xiang "Shawn" Zhang, Ph.D. • Conference Co-Director

Assistant Professor
Lester & Sue Smith Breast Center

Guest Faculty



Andrew J. Ewald, Ph.D.

Assistant Professor Department of Cell Biology and Center for Cell Dynamics
Johns Hopkins School of Medicine
Baltimore, Maryland



Adrian Lee, Ph.D.

Professor of Pharmacology and Chemical Biology
Director, Magee-Women's Cancer Research Center
University of Pittsburgh
Pittsburgh, Pennsylvania



Minetta C. Liu, M.D.

Associate Professor of Oncology
Mayo Clinic Cancer Center
Rochester, Minnesota



Nicholas Navin, Ph.D.

Associate Professor of Genetics and of Bioinformatics and Computational Biology
The University of Texas MD Anderson Cancer Center
Houston, Texas



Jorge S. Reis-Filho, M.D., Ph.D.

Surgical Pathologist
Memorial Sloan Kettering Cancer Center
New York City, New York



Nikhil Wagle, M.D.

Assistant Professor of Medicine
Dana-Farber Cancer Institute
Harvard Medical School
Associate Member, Broad Institute
Boston, Massachusetts

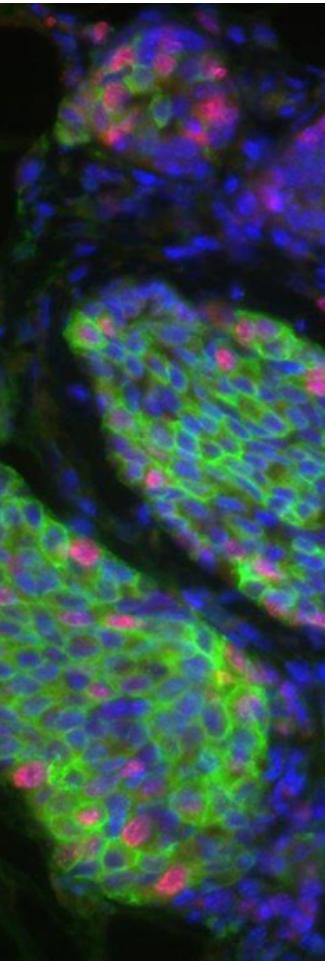


Danny R. Welch, Ph.D.

Associate Director, Basic Science The University of Kansas Cancer Center
Chair and Professor, Department of Cancer Biology
The University of Kansas School of Medicine
Hall Family Endowed Professorship in Molecular Medicine
Kansas Bioscience Authority Eminent Scholar
Kansas City, Kansas

Metastatic Breast Cancer Conference 2016

Baylor College of Medicine Faculty



Chongui Cheng, Ph.D.

Associate Professor, Lester & Sue Smith Breast Center
Department of Molecular and Human Genetics
CPRIT Scholar in Cancer Research

Matthew J. Ellis, B.Sc., M.B., B.Chir., Ph.D.

Professor of Oncology, Medicine, and Molecular and Cellular Biology
Director, Lester and Sue Smith Breast Center
C. Kent Osborne Endowed Chair
CPRIT Scholar in Cancer Research
McNair Medical Institute Scholar

Suzanne Fuqua, Ph.D.

Professor, Lester & Sue Smith Breast Center

Michael T. Lewis, Ph.D.

Associate Professor, Lester & Sue Smith Breast Center

Bert W. O'Malley, M.D.

Chairman and Professor of Molecular and Cellular Biology

Jeffery M. Rosen, Ph.D.

Charles C. Bell Professor and Vice-Chair
of Molecular and Cellular Biology
Distinguished Service Professor

Thomas "Trey" Westbrook, Ph.D.

Associate Professor, Molecular and Human Genetics, Biochemistry
and Molecular Biology, the Program in Integrative Molecular
and Biomedical Sciences, and the Program in Developmental Biology

Bing Zhang, Ph.D.

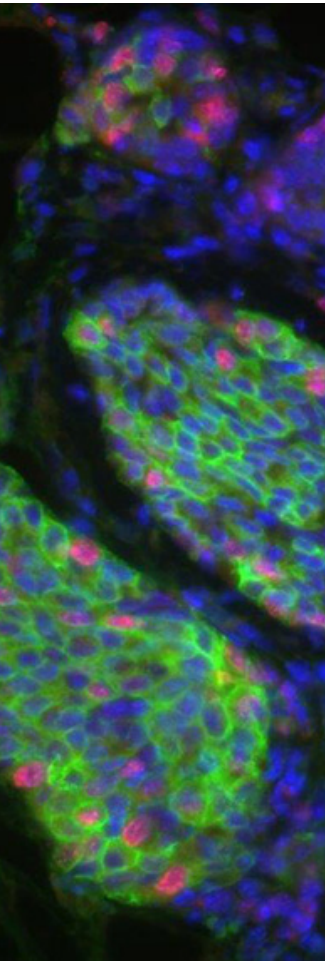
Senior Faculty, Lester & Sue Smith Breast Center

Xiang "Shawn" Zhang, Ph.D.

Assistant Professor, Lester & Sue Smith Breast Center

Metastatic Breast Cancer Conference 2016

Planning Committee



Katherine Crawford-Grey

Program Director, Metastatic Breast Cancer Alliance
New York, New York

Alyssa N. Johnston

Postdoctoral Fellow, Baylor College of Medicine
Houston, Texas

Yibin Kang, Ph.D.

Warner-Lambert Parke-Davis Professor of Molecular Biology
Princeton University
Princeton, New Jersey

Shirley A. Mertz

President, Metastatic Breast Cancer Network
New York, New York

Joshua W. Newby

Founder and Executive Director, Theresa's Research Foundation
Houston, Texas

Susan Rafte

Founder, Pink Ribbons Project
Houston, Texas

Jeffery M. Rosen, Ph.D.

Charles C. Bell Professor and Vice-Chair
of Molecular and Cellular Biology,
Distinguished Service Professor,
Baylor College of Medicine
Houston, Texas

Danny R. Welch, Ph.D.

Associate Director, Basic Science
The University of Kansas Cancer Center
Chair and Professor, Department of Cancer Biology
The University of Kansas School of Medicine
Hall Family Endowed Professorship in Molecular Medicine
Kansas Bioscience Authority Eminent Scholar
Kansas City, Kansas

Conference Coordinator: Kaylinh M. Ly, M.P.H.

Metastatic

Breast Cancer Conference 2016

AGENDA: Thursday, October 20, 2016

7:00 a.m. Registration and Continental Breakfast
7:30 Welcome: Announcements and Introduction
Matthew J. Ellis, B.Sc., M.B., B.Chir., Ph.D., and Joshua W. Newby

Session I STEM CELLS AND METASTATIC BREAST CANCER

8:00 *Jeffery M. Rosen, Ph.D.*
8:20 *Michael T. Lewis, Ph.D.*
8:40 Abstract Presentation
8:50 Panel Discussion
9:15 Break

Session II RNA BIOLOGY AND METASTATIC BREAST CANCER

9:25 *Chongui Cheng, Ph.D.*
9:45 *Thomas "Trey" Westbrook, Ph.D.*
10:05 Abstract Presentation
10:15 Panel Discussion
10:40 Break

Session III MUTATIONS IN METASTATIC BREAST CANCER

10:50 *Bing Zhang, Ph.D.*
11:10 *Suzanne Fuqua, Ph.D.*
11:30 Abstract Presentation
11:40 Panel Discussion
12:05 p.m. Lunch

Session IV MITOCHONDRIAL GENETICS AND METABOLISM IN METASTATIC BREAST CANCER

1:00 *Danny R. Welch, Ph.D.*
1:20 *Bert W. O'Malley, M.D.*
1:40 Abstract Presentation
1:50 Panel Discussion

(Continued)

Metastatic

Breast Cancer Conference 2016

AGENDA: Thursday, October 20, 2016 | (Continued)

Session V **TUMOR HETEROGENEITY AND METASTATIC BREAST CANCER**

- 2:15 *Adrian Lee, Ph.D.*
2:35 *Nicholas Navin, Ph.D.*
2:55 Abstract Presentation
3:05 Panel Discussion
3:30 Break

Session VI **KEYNOTE ADDRESS**

- 3:40 The Role of the Immune System in Breast Cancer Metastasis
Xiang "Shawn" Zhang, Ph.D.
4:10 Adjournment
4:10–6:00 p.m. Reception and Posters*

* Session not designated for CME (AMA PRA Category 1 Credit™).

AGENDA: Friday, October 21, 2016

- 7:00 a.m. Registration and Continental Breakfast
7:30 Welcome: Announcements and Introduction
Xiang "Shawn" Zhang, Ph.D., and Joshua W. Newby
7:40 **KEYNOTE ADDRESS**
New Research Strategies in Metastatic Breast Cancer
Matthew J. Ellis, B.Sc., M.B., B.Chir., Ph.D.
8:10 Genomics in Metastatic Breast Cancer
Jorge S. Reis-Filho, M.D., Ph.D.
8:40 Biological Research in Metastatic Breast Cancer
Andrew J. Ewald, Ph.D.
9:10 Break
9:20 Clinical Trials in Metastatic Breast Cancer
Minetta C. Liu, M.D.
9:50 Patient Information and Databases
Nikhil Wagle, M.D.
10:20 Adjournment

Faculty, topics, program schedule, and credits are subject to change.

Fee, Registration, and Confirmation Information

Refer to the registration form for the fee schedule. Your registration will not be processed until payment is received. Your registration will be confirmed. If you have not received confirmation at least 5 business days before the activity start date, contact the Office of Continuing Medical Education (OCME) immediately.

If you plan to register onsite, contact the OCME at least 24 hours in advance to confirm activity status and space availability. The OCME reserves the right to limit the number of participants in an activity and will not be responsible for any expenses incurred by an individual whose registration is not confirmed and for whom space is not available.

To register/pay online, visit the activity website at BaylorCME.org/CME/1517 and follow the instructions.

Refund/Cancellation Policy

Requests for registration refunds must be in writing and received by the OCME at least 10 business days before the activity begins. The date the request is received by the OCME will be considered the cancellation date. Requests received after the refund deadline will not be processed. Cancellations are subject to a \$50 administrative fee to be deducted from the paid registration fee to cover guarantees and other expenses. Requests should be emailed to cme@bcm.edu or faxed to 713.798.7955.

The OCME reserves the right to cancel activities, not less than 10 business days before the scheduled date, if extenuating circumstances make it necessary. Registrants will be notified by email at the address indicated on the registration form and again in writing. If an activity is cancelled, the OCME's liability is limited to the paid registration fee. Note: If the registration payment was made by check, a Social Security number is required to process the refund.

Disclosure Policy

To meet the requirements of the Accreditation Council for Continuing Medical Education (ACCM), it is the policy of Baylor College of Medicine that all individuals who are in a position to control the content of the CME activity (activity director, planning committee members, and faculty) disclose relevant financial relationships with commercial interests. All identified conflicts of interest are managed to help ensure that the educational material is scientifically based, accurate, current, and objectively presented. Specific disclosure will be made to the participants before the educational activity.

Registration for, attendance at, and/or participation in this activity constitutes acknowledgement by the registrant/attendee/participant that photos may be made of the conference events and constitute agreement by the registrant/attendee/participant that Baylor College of Medicine may use and distribute in its publications, on its website, and in the conference proceedings, such photos that include the image of the registrant/attendee/participant.

By participating in the activity, the registrant/attendee/participant acknowledges that he/she agrees to these stipulations. Audio or videotaping is prohibited without written permission from the Activity Director and the Office of Continuing Medical Education, Baylor College of Medicine, Houston, Texas.

Attire

Attire for the conference is business casual. Since meeting room temperatures and personal comfort levels vary, it is recommended that you bring a sweater or jacket.

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October 20–21, 2016

Conference Location

MD Anderson Mitchell Basic Sciences Research Building

Onstead Auditorium, 3rd Floor
6767 Bertner Avenue
Houston, TX 77030

Accommodations

Accommodations should be arranged directly with the Wyndham Houston–Medical Center by calling 713.577.1230 or 800.996.3426, or by going online (link below). Please identify yourself as an attendee of the Metastatic Breast Cancer Conference when making reservations to benefit from the special group rate of \$165 (plus tax). A limited number of rooms will be available and have been reserved at the special rate on a space-available basis. The deadline to receive the special rate is **September 28, 2016**, unless the room block has already been filled.

Wyndham Houston–Medical Center registration link:
wyndham.com/groupevents2016/47155metastaticbreastcancerconf/main.wnt

Wyndham Houston–Medical Center
6800 Main Street | Houston, TX 77030
713.577.1230

Participants are responsible for making their own hotel arrangements.

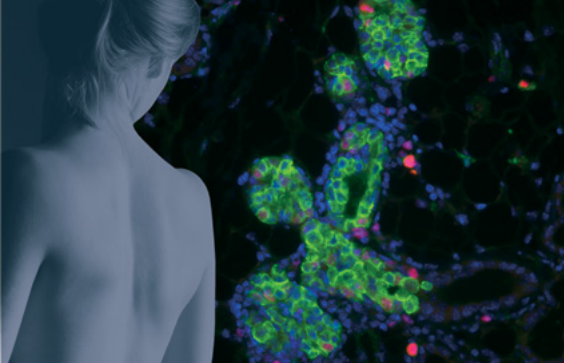
For Further Information

Baylor College of Medicine
Office of Continuing Medical Education
One Baylor Plaza, MS: BCM 155
Houston, TX 77030

Phone: 713.798.8237
Fax: 713.798.7955
Email: cme@bcm.edu

Visit our website, BaylorCME.org, for information about other Baylor College of Medicine CME activities.





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REGISTRATION

TWO WAYS TO REGISTER

ONLINE: BaylorCME.org/CME/1517

MAIL: Baylor College of Medicine
Office of CME (1517)
P.O. Box 4708
Houston, TX 77210-4708

Registration Fees

- Physician.....\$150
- BCM Faculty.....\$125
- Physician Assistant.....\$100
- Nurse.....\$100
- Other Healthcare Professional.....\$100

- Resident*.....\$50
- Fellow*.....\$50
- Graduate Student.....\$25
- Patient/Advocate.....\$10

**Email verification of status within 24 hours to cme@bcm.edu.*

(Please print clearly)

Name: _____
First MI Last

Degree: _____ *Please check if:* Resident Fellow

Affiliation: _____

Address: _____

City: _____ State: _____ ZIP: _____

Phone: _____ Fax: _____

Email: _____

Specialty: _____ Prof. License: _____
No./State

Emergency Contact: _____ Phone: _____

Method of Payment (Your registration must be PREPAID.)

- Check or money order (in U.S. funds) made payable to: *Baylor College of Medicine*
- Visa® MasterCard® Discover® AMEX® \$ _____ **Total Amount Enclosed**
- Card No. _____ Exp. Date: _____
- Name on the Card: _____
- Authorized Signature: _____

Special Requests: Contact Office of CME if you have any dietary needs (specify below) or any ADA accommodation needs.

FOR OFFICIAL USE ONLY

CK CC LB Cash

Date: _____

Amount: _____