Dear Colleagues,

Welcome to the 2013 San Antonio Breast Cancer Symposium (SABCS), a joint presentation of the Cancer Therapy & Research Center at the University of Texas Health Science Center at San Antonio, Baylor College of Medicine, and the American Association for Cancer Research. The next several days will present you the opportunity to acquire new knowledge and information that will have immediate clinical application and, in the near future, bring about changes in the standard of care. There are vital and important presentations in the clinical domain, including notable successes in trials of adjuvant and neoadjuvant therapies, advances in the management of metastatic breast cancer; further work on adoptive T-cell therapy; and the predictive value of factors such as tumor-associated lymphocytes, residual cancer burden, and body mass index.

Don’t overlook the valuable sessions in basic science and translational research across a wide range of topics, including cutting-edge work in cancer metabolism, advances in stem-cell therapy, and insights into the role of exosomes and breast cancer metastasis. Our program aims to inform professionals in all domains regarding current frontiers of our knowledge and to highlight paths leading to future progress. We hope not only to share information, but also to encourage development of new and productive collaborations.

The symposium unfolds over 5 days. Tuesday afternoon begins with a career development forum for young investigators and educational sessions, together with a variety of presentations on clinical issues. During the subsequent 3 days there are oral presentations of submitted work in 6 general sessions and 6 poster sessions, as well as selected poster discussions. Interspersed with these are 3 invited plenary talks, several award lectures, 3 mini-symposia, clinical and basic science forums and case discussions. On the 5th day we wrap up with a final poster session and the “The Year in Review” which brings together a panel of distinguished speakers whose succinct reports provide a synthesis of major developments in breast cancer during the past year—one of the most popular parts of the program.

And don’t forget to take a little time to enjoy San Antonio! The warm and congenial atmosphere - the food, music, and Christmas lights on the world-famous Riverwalk - are unforgettable.

C. Kent Osborne, MD  
Peter M. Ravdin, MD, PhD  
Carlos Arteaga, MD

Listen to Audio Files

Expand your symposium experience by listening to audio recordings of selected speakers.

Click on the link provided in the online newsletter to hear brief interviews and commentaries about this year’s hot topics as they become available during the symposium.

www.audiodigest.org/sabcs13
This year’s plenary lectures explore topics including the risks and benefits of screening mammography, the continued challenges related to psychosocial issues in women with breast cancer, and the role of bisphosphonates as adjuvant therapy—not only to mitigate adverse effects on bone mineral density but also potentially to reduce risk for metastasis.

Wednesday, Dec 11th - 8:15 a.m.
Screening Mammography and Overdiagnosis
H. Gilbert Welch, MD, MPH

Thursday, Dec 12th - 9:00 a.m.
Adjuvant Bisphosphonate Therapy in Breast Cancer
Michael Gnant, MD, FACS

Friday, Dec 13th - 9:00 a.m.
Psychosocial/Survivorship Issues: Are we doing better?
Lesley Fallowfield, BSc, DPhil

All plenary lectures take place in Exhibit Hall D.

Plenary Lecture #1:
Screening Mammography & Overdiagnosis
H. Gilbert Welch, MD, MPH

The issue of cancer screening has long been a controversial one—in part, because of the difficulties in estimating risk and benefits. Does early detection save lives? Or does it merely lead to false alarms, overdiagnosis, and complications related to unnecessary treatment? These are questions that Dr. H. Gilbert Welch has been asking for more than 20 years. His goal: to elucidate and quantify the risks and benefits of cancer screening so that patients and clinicians can make informed decisions about their health care.

When it comes to screening mammography for the early detection of breast cancer, Dr. Welch asserts that, “There is no single ‘right’ number to describe the magnitude of either the benefits or harms of screening mammography, and there is no single ‘right’ value to assign to the various outcomes. Consequently, screening mammography is a choice, not a public health imperative.”

With respect to the benefits associated with screening mammography, Dr. Welch comments that “There is both uncertainty and professional disagreement… but it’s not from lack of study.” Nine major randomized trials have sought to quantify the mortality benefit associated with screening mammography. Looking at the totality of the data, a 20% reduction in breast cancer mortality has been estimated.

“But,” Dr. Welch points out, “the trials are now 20 to 30 years old, and our current treatments for breast cancer are much better.” Advances in hormonal therapy and adjuvant chemotherapy have had undeniable roles in improving survival rates. And, as the efficacy of treatment improves, the benefits of early detection diminish, but the associated harms remain. Just as the benefit of screening mammography can be difficult to assess accurately, so too are the associated risks. Although false positive results may be relatively simple to quantify, their associated psychological duress is not. But the factor in the risk-benefit calculation that is perhaps the most challenging to estimate (and one which is at the center of another piece of the controversy) is overdiagnosis: How many cancers detected by screening mammographies, if undiscovered and untreated, would never become clinically relevant?

As researchers continue to study these issues and as even more effective therapies emerge, it may become easier to identify where the balance between risk and benefit lies. Until then, Dr. Welch suggests rescinding mammography adherence as a quality indicator, thereby alleviating pressure on clinicians to maximize screening rates. “I think that women who get mammograms should feel good about getting them. And those women who choose not to get them should feel equally good about their choice.”

Dr. Welch is a general internist at the White River Junction VA and a Professor of Medicine at the Dartmouth Institute for Health Policy and Clinical Research.
SABCS Scholarship Recipients

Five programs provided scholarships designed to promote the education and professional development of early-career scientists who are actively pursuing research in breast cancer by facilitating their attendance at SABCS. Scholarships were awarded to graduate students, medical students, residents, and clinical and postdoctoral fellows whose abstracts were accepted for presentation, based on the quality of the abstracts. This year’s awardees are:

**AACR Scholar-in-Training Awards:**
To provide funding for graduate and medical students, postdoctoral fellows, and physicians-in-training who are presenters of abstracts at the San Antonio Breast Cancer Symposium.

- Laura Wells Bowers
- Leticia De Mattos-Arruda
- Karla Esbona
- Erik Goka
- Neil M. Iyengar
- Costanza Paoletti
- Vanessa Rodrik-Outmezguine
- Cesar Augusto Santa-Maria
- Preeti Shah
- Jessica D. Sims
- Corey W. Speers

**Avon Foundation-AACR International Scholar-in-Training Grants:**
To provide funding for scientists-in-training from abroad, working in any subspecialty of breast cancer research, who are presenters of meritorious abstracts at the San Antonio Breast Cancer Symposium.

- Sheng Chen
- Ying Chen
- Minhao Fan
- Ying Fan
- German A. Gil
- Min He
- Roma Kaul
- Min Kyoung Kim
- Susan K. Montgomery
- Noh Hany
- Wenting Peng
- Seenu Vuthaluru
- Jingyan Xue
- Hongmei Yang
- Andrea Castro Sánchez

**SABCS Basic Science Scholars:**
For laboratory-based investigators-in-training whose work focuses on the biology of breast cancer and preclinical models of its development and progression.

- Michael L. Gatza
- Sadhna Raju Vora

**SABCS Clinical Scholars:**
For clinical scientists-in-training who are actively pursuing clinical or clinical/translational research in breast cancer.

- Azlena Ali
- Francois-Clement Bidard
- Huma Elahi Chaudhry
- Elana Ida Den
- Murali Janakiram
- Ciara Catherine Maria O’Sullivan
- Victoria L. Webber
- Dimitrios Zardavas

Special Thanks

The part of SABCS that you see when you come to San Antonio for five days each year is the result of months of planning and organization that starts almost as soon as the prior year’s meeting ends in December. The members of the Executive Committee, the Program Planning Committee, and the Abstract Review Committee work hard all year long to determine the focus of the meeting, line up speakers, coordinate special events, and review the thousands of abstracts that are submitted, selecting those that will most accurately represent the leading edge of breast cancer research. The names of the individual members of these committees can be found in your Pocket Program. We want to take this opportunity to publicly thank them for all their hard work in making SABCS one of the premier single-site cancer conferences in the world.
**Product Theatre Schedule**

**Hall C**

**Wednesday, Dec 11th**

12:15 p.m.
What's new with HER2?
Putting the updated 2013 ASCO/CAP Guideline for HER2 Testing into practice

_Presented by Genentech, A Member of the Roche Group_

2:00 p.m.
Developing Oncology Biosimilars: A Practical Perspective

_Presented by Pfizer_

**Thursday, Dec 12th**

12:15 p.m.
Leading the Evolution of Diagnostic Services

_Presented by Clarient, A GE Healthcare Company_

2:00 p.m.
Management of HR+HER2- Advanced Breast Cancer in patients who progress on either Anastrozole or Letrozole

_Presented by Novartis Pharmaceuticals Corporation_

**Friday, Dec 13th**

12:15 p.m.
Treatment Options for HER2+ Metastatic Breast Cancer

_Presented by Genentech, A Member of the Roche Group_

**Awards**

**The William L. McGuire Memorial Lecture**
Wednesday, December 11, 11:15 am, Hall D

The William L. McGuire Memorial Lectureship was established in 1992 to commemorate the researcher whose work played a major role in introducing estrogen receptor assays on breast tumor tissue as a guide to treatment decisions. Dr. Morrow was chosen for the William L. McGuire Memorial Lecture for her extensive contributions in the surgical management of breast cancer and for her many years of leadership in the area of surgical oncology. In addition to her leadership role in clinical research, Dr. Morrow is known as a critical thinker, challenging dogma that sometimes arises on the basis of opinion rather than solid data. She is also recognized for her crisp and thoughtful synthesis of complex, sometimes conflicting data, to arrive at a logical conclusion that she clearly elucidates in her presentations. She is one of the great educators of our time.

**Local Therapy in the Molecular Era: Relevant or Relic?**
Wednesday, December 11, 11:15 am, Hall D

_Monica Morrow, MD, FACS_
Memorial Sloan-Kettering Cancer Center, New York, NY

Dr. Morrow is Chief of the Breast Service and Anne Burnett Windfohr Chair in Clinical Oncology at Memorial Sloan Kettering Cancer Center and Professor of Surgery at Weill Cornell Medical College.

**Susan G. Komen® Brinker Awards & Lecture**
Wednesday, December 11, 2:15 p.m, to 3:15, Hall D

Established by Susan G. Komen® in 1992, the Brinker Award for Scientific Distinction recognizes leading scientists for their lifetime achievements in the fields of breast cancer research, screening, or treatment. These awards are presented in 2 categories: Basic Science and Clinical Research.

- **The Basic Science Award** is presented to a researcher who has added substantively to our understanding of the basic biology of breast cancer or to the development of methodologies that further our ability to unravel its genetic and molecular basis.

**A systems approach to individualizing breast cancer therapy**

_Gordon B. Mills, MD, PhD_
Chairman & Professor, Department of Systems Biology
Olga Keith Wiess Distinguished University Chair in Cancer Medicine
Co-Director, Institute for Personalized Cancer Therapy
University of Texas MD Anderson Cancer Center; Houston, TX

Dr. Mills is being honored for his significant contributions to breast cancer research, which have been essential to advancing our understanding of the key processes that drive breast cancer’s initiation, progression and response to therapy. Dr. Mills has championed a cancer systems biology approach to understand the impact of genomic aberrations on complex signaling networks at the proteomic (protein) level, with the goal of individualizing cancer diagnosis and treatment.
Dr. Eric Winer commended Mills’ research efforts. “Dr. Mills is a giant in the field of breast cancer translational research,” Winer said. “His interests are broad and his research is both creative and prolific.”

- The Clinical Research Award is presented to a clinician who has significantly furthered the identification of new approaches to prevention, detection, and treatment of breast cancer and its translation into clinical care.

**HER2 translational research and its impact on breast cancer**

*Edith A. Perez, MD*

Deputy Director at Large, Mayo Clinic Cancer Center
Group Vice Chair, Alliance for Clinical Trials in Oncology
Director, Breast Cancer Translational Genomics Program
Serene M. and Frances C. Durling Professor of Medicine
Mayo Clinic, Jacksonville, FL

Dr. Perez is being honored for her impactful contributions to the field of breast cancer treatment, which have helped to shape the standard of care for breast cancer patients globally. Dr. Perez has devoted her career to improving breast cancer patient care and expanding the understanding of breast cancer biology. She has led a wide range of translational clinical trials testing new therapeutic agents for the treatment and prevention of breast cancer---trials that have had a lasting impact on women facing a breast cancer diagnosis.

Komen’s Chief Scientific Advisors Dr. Eric Winer and Dr. George Sledge said this year’s awardees have made important contributions to the treatment of breast cancer and our understanding of the disease. “Dr. Perez has been a leader in breast cancer clinical research for well over a decade,” said Sledge. “She is a dedicated, insightful and tireless researcher. Her contributions have had a significant impact on the lives of many women living with breast cancer.”

**SABCS on Demand**

SABCS on Demand is a comprehensive digital library with approximately 60 hours of education from the 2013 Symposium. SABCS on Demand is free for all meeting attendees!

**Features include:**

- Webcasts, PDFs and MP3s all conveniently available in one location
- Webcasts with presenter’s slides and fully synchronized audio and MP3s
- Downloadable PDFs of slides available 2 hours after each session
- Advanced Search: Find any word in the presentation slides and immediately jump to that part of the presentation
- Streaming content on most mobile devices
Symposium
UPDATES
Wednesday, Dec 11, 2013

Posters Withdrawn:* 
• P1-01-05  
• P1-05-03  
• P1-09-07  
• P1-14-02

Posters Rescheduled:*  
The following posters have been rescheduled. However, they will retain their original abstract numbers.  
• P6-08-09 will be presented as poster P1-18-01  
• P6-06-45 will be presented as poster P1-18-02  
• P6-09-06 will be presented as poster P1-18-03  
• P6-06-42 will be presented as poster P1-18-04  
• P3-08-I1 will be presented as poster P1-18-05  
• P6-11-10 will be presented as poster P1-18-06  
• P5-04-04 will be presented as poster P1-18-07  
• P5-07-06 will be presented as poster P1-18-08  
• P5-11-04 will be presented as poster P1-18-09  
• P3-04-07 will be presented as poster P1-18-10  
• P5-11-10 will be presented as poster P1-18-11  
• P6-08-10 will be presented as poster P1-18-12  
• P4-16-10 will be presented as poster P1-18-13  
• P6-06-53 will be presented as poster P1-18-14

Revised Abstracts:*  
The following abstracts were revised and will be included in Abstracts2View™ Online.  
• S4-07  
• OT2-6-14  
• P6-02-02

New Abstracts:*  
The following abstract is new and will be included in Abstracts2View™ Online.  
• PD3-8  
• P5-09-21

Conference Grants

Educational Grants from Industry * at press time  
• Amgen  
• AstraZeneca  
• Celgene Corporation  
• Eisai, Inc.  
• Genentech, A Member of the Roche Group  
• Lilly - This activity is supported by an educational grant from Lilly. For further information concerning Lilly grant funding visit www.lillygrantoffice.com.  
• Novartis Pharmaceuticals Corporation  
• Pfizer

Featured Supporter: John & Editha Kapoor Charitable Foundation

On Tuesday, SABCS attendees had the opportunity to participate in the Editha Kapoor Breast Cancer Educational Sessions. Supported largely by The John and Editha Kapoor Charitable Foundation, the sessions provided information and updates about technologies and techniques used in basic, translational, and clinical research.

The foundation has been involved in projects related to women’s health since its inception in 1990 by Dr. John Kapoor and his wife, Editha. The emphasis on cancer research and supportive care evolved after Mrs. Kapoor’s diagnosis of breast cancer. It was during that time that Dr. Kapoor, an entrepreneur with a doctorate in pharmaceutical sciences, first attended SABCS with the goal of learning more about therapeutic advances that might help his wife. He says about the experience, “I saw the passion and the commitment of the people who went to SABCS from all over the world. It was very impressive to me.”

Since then, the foundation, under the leadership of Dr. Kapoor and Mary Gauwitz, has helped fund a variety of cancer-related projects. Major projects include the Editha House, which Ms. Gauwitz describes as “a Ronald McDonald House for adult cancer patients,” providing a compassionate and supportive environment while reducing financial strain during an extraordinarily difficult time. Current locations include Phoenix and Chicago.

Another program addresses the severe shortage of trained oncologists in India, Dr. Kapoor’s native country, where, according to the Indian Cancer Society, cancer strikes one in eight. The foundation, in partnership with the Indo-American Cancer Association and numerous teaching hospitals, has established a travelling fellowship program*, in which oncologists from India are supported while they undergo advanced training in the United States. “We support them financially so they can get trained and return to practice at a much higher level,” says Dr. Kapoor.

Dr. Kapoor and Ms. Gauwitz express their enthusiasm about the mission of the foundation—to help improve the lives of individuals with cancer—and they anticipate that, through their collaborative relationships with American and Indian medical societies and teaching hospitals, the foundation will continue to support dedicated clinicians and researchers who contribute to the field of breast cancer and beyond.

*For more information about becoming a mentor or fellow, please contact Executive Director, Mary Gauwitz. Ph: 847-345-7287; email: mgauwitz@ejfinancial.com

* at press time
# Foundation, Industry and Agency Supporters

We are proud to acknowledge the following for their contributions to and generous support of our program.*

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SABCS wishes to thank the Avon Foundation for support of the Avon Foundation-AACR International Scholar-In-Training Grants.

SABCS gratefully acknowledges Susan G. Komen® for generous support of AACR Outstanding Investigator Award for Breast Cancer Research, and partial support of The Editha Kapoor Breast Cancer Educational Sessions.

* at press time
Conference Exhibitors

Please be sure to visit SABCS exhibitors.* Visit the Exhibitors section of the SABCS Mobile App for more information from these companies.

- AbbVie
- Agenda, Inc.
- Alamo Breast Cancer Foundation
- Ambry Genetics
- American Association for Cancer Research (AACR)
- American Cancer Society
- American Society of Clinical Oncology (ASCO)
- Amgen
- Atossa Genetics, Inc.
- Bayer HealthCare Pharmaceuticals/Onyx Pharmaceuticals
- BioMed Central
- Boehringer Ingelheim Pharmaceuticals, Inc.
- Breast Cancer Action
- Bristol-Myers Squibb
- Cancer Support Community
- CareFusion
- Care Wise Medical Products
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- Clinical Oncology News
- Counsyl Inc.
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- Eisai
- Elektta
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- Encore Medical Education, LLC “Best of SABCS”
- Endomagnetics, Ltd.
- European Breast Cancer Council
- FORCE: Facing Our Risk of Cancer Empowered
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- GlaxoSmithKline Oncology
- Harborside Press
- Inspire / Advanced Breast Cancer Community
- Integrated Genetics & Integrated Oncology
- Invitae
- Janssen Diagnostics, LLC
- Lilly Oncology
- Lilly Oncology on Canvas
- MedImmune, Specialty Care Division of AstraZeneca
- Myriad Genetic Laboratories, Inc.
- NanoString Technologies, Inc.
- National Accreditation Program for Breast Centers (NAPBC)
- Novartis Oncology
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- The Oncologist
- Patient Access Network Foundation
- Pfizer Oncology
- Phenogen Sciences
- Physicians’ Education Resource, LLC
- Provista Diagnostics
- Quest Diagnostics
- Sharsheret: Your Jewish Community Facing Breast Cancer
- Sisters Network Inc.
- Susan G. Komen®
- Teva Oncology
- Theranosics Health, Inc.
- Toray Industries Inc.
- TRIO (Translational Research in Oncology)
- Wolters Kluwer Health (Lippincott)
- Young Survival Coalition

* at press time