

Mayo School of Continuous Professional Development

# Molecular Markers and Management of Breast Cancer

**Saturday, February 20, 2010**  
The Prime F. Osborn III Convention Center  
Jacksonville, Florida

## **Highlights:**

San Antonio Breast Cancer Updates  
Recent Clinical Trial Updates

## **Course Co-Directors:**

Edith A. Perez, M.D.  
Lynn C. Hartmann, M.D.  
Frances M. Palmieri, R.N., M.S.N., O.C.N.



**The National Marathon  
to Finish Breast Cancer**

Benefiting **MAYO CLINIC** and Women Living with Breast Cancer

[www.breastcancermarathon.com](http://www.breastcancermarathon.com)

[www.mayo.edu/cme/breastcancer/](http://www.mayo.edu/cme/breastcancer/)

## COURSE DESCRIPTION

This CME course synthesizes the scope of breast cancer research and shows how to apply the rapid transition of new knowledge into improved care for breast cancer patients. Through lectures, case management discussions and open question and answers, expert faculty provide practical information that attendees can use in their daily practice.

## COURSE LEARNING OBJECTIVES

At the conclusion of this course, participants should be able to:

- Assess the utility of genomic tools to assess recurrence risk and predict benefit to systemic therapies.
- Outline clinical guidelines for assessment, diagnosis, and ongoing management of osteoporosis as well as bone metastasis treatment and prevention in women with breast cancer.
- Describe optimal use of current targeted agents for ER positive and HER2 over expressing breast cancer.
- Discuss novel targeted approaches to triple negative breast cancer (TNBC) in early and metastatic breast disease.

Attendance at this Mayo course does not indicate nor guarantee competence or proficiency in the performance of any procedures which may be discussed or taught in this course.

## INTENDED AUDIENCE

This course is intended for medical oncologists, breast surgeons, primary care physicians, nurses, PAs, and others treating patients with breast disease.

## CREDIT

College of Medicine, Mayo Clinic is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

College of Medicine, Mayo Clinic designates this educational activity for a maximum of 6.5 *AMA PRA Category 1 Credit(s)*<sup>™</sup>. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Nurses and pharmacists are eligible to receive up to 6.5 nursing CE's from the Florida Board of Nursing.

## EDUCATIONAL GRANTS

This course is supported in part by educational grants from multiple companies in accordance with ACCME Standards.

## DATE AND LOCATION

This course will be held Saturday, February 20, 2010. Course headquarters will be located at the The Prime F. Osborn III Convention Center, 1000 Water Street, Jacksonville, Florida 32204. Jacksonville International Airport (JAX) is approximately 30 minutes from the Convention Center and is served by most major airlines.

## REGISTRATION

Register online at [www.mayo.edu/cme/breastcancer/](http://www.mayo.edu/cme/breastcancer/) or complete the attached registration form and return by mail or fax. The registration fee includes tuition, continental breakfast, light lunch and break refreshments. Although it is not Mayo School of Continuous Professional Development policy to limit the number of registrants for a course, the meeting space may dictate closure of enrollment. Registrations are accepted on a first-come, first-served basis. A letter of confirmation will be sent upon receipt of payment and completed registration form. Please present this letter when checking in at the meeting registration desk.

## CANCELLATION POLICY

Your registration fee, less a \$20 administrative fee, will be refunded when the Mayo School of Continuous Professional Development receives written notification on or before February 5, 2010 (fax#: 904-953-2954).

No refunds will be made after February 5.

Mayo School of CPD reserves the right to cancel or postpone any course due to unforeseen circumstances. In the unlikely event Mayo School of CPD must cancel or postpone this course, we will refund the registration fee, but is not responsible for any related costs, charges, or expenses to participants, including fees assessed by airline/travel/lodging agencies.

## LODGING ACCOMMODATIONS AND TRANSPORTATION

Accommodations are offered in conjunction with the Breast Cancer Marathon at the Omni Jacksonville (a short Skyway ride away) or at One Ocean Place in Jacksonville Beach, approximately 12 miles from the Convention Center. You may book your hotel accommodations listed on [www.breastcancermarathon.com](http://www.breastcancermarathon.com) site. Hotel accommodations and travel are the responsibility of the attendee.

## FACULTY

### Mayo Clinic

**Edith A. Perez, M.D. \***

Professor of Medicine  
College of Medicine  
Mayo Clinic, Jacksonville, FL

**Beiyun Chen, M.D., Ph.D.**

Associate Professor of  
Laboratory Medicine/Pathology  
College of Medicine  
Mayo Clinic, Rochester, MN

**Lynn C. Hartmann, M.D. \***

Professor of Oncology  
College of Medicine  
Mayo Clinic, Rochester, MN

**Frances M. Palmieri, R.N., M.S.N., O.C.N. \***

Breast Clinic Nurse Manager  
Mayo Clinic, Jacksonville, FL

**Sarah A. McLaughlin, M.D.**

Assistant Professor of Surgery  
College of Medicine  
Mayo Clinic, Jacksonville, FL

**Ann E. McCullough, M.D.**

Assistant Professor of  
Laboratory Medicine/Pathology  
College of Medicine  
Mayo Clinic, Scottsdale, AZ

**Deborah J. Rhodes, M.D.**

Assistant Professor of Medicine  
College of Medicine  
Mayo Clinic, Rochester, MN

**\*Course Co-Directors**

## DISTINGUISHED GUEST FACULTY

**Kimberly L. Blackwell, M.D.**

Assistant Professor of Medicine  
Duke University Medical Center  
Division of Medical Oncology  
Durham, NC

**Judy E. Garber, M.D., M.P.H.**

Associate Professor of Medicine  
Dana-Farber Cancer Institute  
Boston, MA

**Kathryn Schmitz, Ph.D., M.P.H.**

Assistant Professor of Epidemiology  
University of Pennsylvania SOM  
Philadelphia, PA

**Julie R. Gralow, M.D.**

Professor of Medicine  
Seattle Cancer Care Alliance  
Seattle, WA

**Sandra M. Swain, M.D.**

Professor of Medicine  
Medical Director  
Washington Cancer Institute  
Washington Hospital Center  
Washington, D.C.

**Debu Tripathy, M.D.**

Professor of Medicine  
Co-Leader, Women's Cancer Program  
USC/Norris Comprehensive Cancer Center  
University of Southern California  
Los Angeles, CA

## FACULTY DISCLOSURE

As a provider accredited by ACCME, Mayo Clinic College of Medicine (Mayo School of CPD) must ensure balance, independence, objectivity and scientific rigor in its educational activities. Course director(s), planning committee, faculty, and all others who are in a position to control the content of this educational activity are required to disclose all relevant financial relationships with any commercial interest related to the subject matter of the educational activity. Safeguards against commercial bias have been put in place. Faculty also will disclose any off-label and/or investigational use of pharmaceuticals or instruments discussed in their presentation. Disclosure of this information will be published in course materials so those participants in the activity may formulate their own judgments regarding the presentation.

## PROGRAM - SATURDAY, FEBRUARY 20, 2010

7:00 am Continental breakfast and registration

8:00 Welcome *Edith A. Perez, M.D.*

Morning Session Moderator: *Edith A. Perez, M.D.*

### Predictive Markers

8:15 What is new in pathological issues, predictive markers and circulating tumor cells? *Beiyun Chen, M.D., Ph.D.*

8:35 What is new in breast cancer surgery and management of sentinel node findings? *Sarah A. McLaughlin, M.D.*

9:05 Pathology issues in sentinel node findings  
*Ann E. McCullough, M.D.*

### Endocrine and Anti HER2 Therapies

9:20 Endocrine therapy for young women with breast cancer  
*Kimberly L. Blackwell, M.D.*

9:50 Management of HER2 positive metastatic breast cancer: standard and new approaches *Sandra M. Swain, M.D.*

### 10:20 Break

10:30 Adjuvant and locally advanced HER2+ breast cancer *Edith A. Perez, M.D.*

11:00 Panel Discussion – Moderator: *Edith A. Perez, M.D.*  
(*Chen, Blackwell, McCullough, McLaughlin, Swain*)

### Novel Treatments

11:30 Bisphosphonates and other bone modulating agents in the adjuvant setting: for whom should they be recommended?  
*Julie R. Gralow, M.D.*

12:00pm Novel anti-cancer agents for "triple negative" breast cancer  
*Debu Tripathy, M.D.*

12:30 Panel Discussion – Moderator: *Edith A. Perez, M.D.*  
(*Gralow, Patel, Tripathy*)

### 1:00 Lunch Provided

Afternoon Session Moderator: *Lynn C. Hartmann, M.D.*

### Risk Factors and Prevention

1:20 What is new in risk assessment and management  
*Judy E. Garber, M.D., M.P.H.*

1:50 Molecular breast imaging  
*Deborah J. Rhodes, M.D.*

2:20 Exercise and Obesity: Impact upon breast cancer risk and outcomes *Kathryn Schmitz, Ph.D., M.P.H.*

2:50 Panel Discussion – Moderator: *Lynn C. Hartmann, M.D.*  
(*Perez, Garber, Rhodes, Schmitz*)

3:15 Closing Remarks

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February 20, 2010

Mail form and payment to:  
Mayo School of Continuous  
Professional Development  
4500 San Pablo Road  
Jacksonville, FL 32224  
ATTN: MarathonCME10

Telephone: 800-462-9633  
904-953-2598  
Fax: 904-953-2954  
Website: [www.mayo.edu/cme](http://www.mayo.edu/cme)

(Please print or type all information. You may duplicate this form for multiple registrations.)

First Name \_\_\_\_\_ M.I. \_\_\_\_\_ Last Name \_\_\_\_\_

Degree  M.D.  D.O.  P.A.  N.P.  R.N. Other \_\_\_\_\_

Institution \_\_\_\_\_ Medical Specialty \_\_\_\_\_

Email \_\_\_\_\_

Mailing Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_ County \_\_\_\_\_

Telephone \_\_\_\_\_ Business Telephone \_\_\_\_\_

FAX \_\_\_\_\_ Requested credit  AMA/Category 1  AOA

Check here if you have any special accommodations or dietary needs.  
 Please indicate your needs here:

## Registration fee:

Registration and Payment (U.S. Funds only)

**Physicians and Scientists – \$120** \$ \_\_\_\_\_

**Residents, Physician Assistants, Nurses - \$95** \$ \_\_\_\_\_

**Total Payment Enclosed: \$ \_\_\_\_\_**

### Payment Method

Check Enclosed (make checks payable to *Mayo Clinic Education*)

Credit Card:  Visa  MasterCard  Discover

Card Number:

Expires (Mo/Yr):   /

Signature \_\_\_\_\_ Date \_\_\_\_\_



MAYO CLINIC

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Jacksonville, Florida 32224  
[www.mayoclinic.org](http://www.mayoclinic.org)

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