

**CANCER GENETICS 2007: Bridging Science and Practice
5th Annual Conference**

PROGRAM DESCRIPTION:

This conference is designed to bridge scientific findings in cancer genetics into clinical practice. Leading experts in the field of cancer risk assessment and counseling, help nurses and clinicians with the latest genetic updates and clinical recommendations to guide their practice in high-risk settings

Objectives: At the end of this program, participants will be able to:

- Explore the strengths and weaknesses of the three most common ways to communicate cancer risk- numerical, verbal, visual.
- Discuss the use of cancer risk communication tools in clinical encounters.
- Describe how to effectively communicate individualized cancer risk information to patients and families.
- Discuss what is known about how high risk African American women respond to and make sense of their breast cancer risk.
- Identify special considerations regarding genetic counseling and genetic testing in African American women concerned about hereditary breast/ovarian cancer risk.
- Discuss how breast cancer risk reduction options are understood by and accepted by African American women who are at high risk of breast cancer.
- Discuss the interpretation of architectural and dynamic features seen on breast MRI.
- Evaluate the data related to the added cancer yield with breast MRI in the ipsilateral and contralateral breast.
- Discuss the best timing of breast MRI.
- Describe benefits and limitations of testing techniques for detection of Lynch Syndrome mutations.
- Discuss updates related to MYH mutations and non-GI tumors as the sentinel tumor in individuals with Lynch Syndrome.
- Explore recommendations for the screening of non-colonic Lynch Syndrome associated cancers.
- Identify cancers and mutation frequencies associated with the range of mismatch repair genes from the latest population studies.
- Discuss founder mutations for Lynch Syndrome associated cancers.
- Explore considerations for systematically identifying individuals at risk for Lynch syndrome based on the compilation of risk assessment criteria.
- Discuss the algorithm for MSI and IHC testing used at Mayo Clinic and Ohio State University.
- Describe the interpretation of MSI and IHC results in GI and non-GI Lynch Syndrome associated cancers.

DATES/TIME: March 20, 2007 (8:00 A.M.-4:30 P.M.)
LOCATION: Conference Center Auditorium, Fox Chase Cancer Center

WHO SHOULD ATTEND: Nurses, physicians, scientists, genetic counselors and other health professionals who provide assessment, counseling, and/or genetic testing for familial cancer risk; or those interested in learning and discussing the latest findings in cancer genetics as it relates to practice.

COURSE FACULTY

Heather Hampel, MS, CGC, *Ohio State University*
Noralane Lindor, MD, PhD, *Mayo Clinic*
Isaac Lipkus, PhD, *Duke University*
Olufunmilayo Olopade, MD, FACP, *University of Chicago*
Mitchell Schnall, MD, *University of Pennsylvania*

PLANNING COMMITTEE

Mary B Daly, MD, PhD
Carol Cherry, RN, C, MSN, OCN
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Neal J. Meropol, MD
Susan Montgomery, RN, BSN
Candace Peterson, MS, CGC
Mary E. Ropka, PhD, RN, FAAN
Kathy Smith, CMP
Hetal Vig, MS, CGC
Joan Wagner, RN, MSN, CRNP

FEE: \$ 129 (Credit Cards not accepted)

CONTINUING EDUCATION CONTACT/ CREDIT HOURS WILL BE AWARDED TO: Physicians, Nurses & Genetic Counselors (Genetic Counselors there will be an additional \$20 fee)