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Practical Applications of Molecular Profiling Using Next Generation Technology in the Clinic: From Germline to Tumor

September 29, 2014 from 6:00pm to 8:30pm

SHERATON EATONTOWN HOTEL
6 Industrial Way E, Eatontown, NJ 07724

KEYNOTE SPEAKER:
Mark Robson, MD

CME Certified Activity
Registration begins at 5:15 pm

For more information contact
Jennifer Schwager 732-235-7472

This symposium is provided by Rutgers Cancer Institute of New Jersey and the Center for Continuing and Outreach Education at Rutgers Biomedical and Health Sciences in collaboration with Meridian Health.

Support for this symposium is provided by The Val Skinner Foundation



Program Overview

This symposium is designed to educate health care providers on the revolutionary ways that next-generation genetic sequencing is advancing patient care in cancer genetics. Over the past year the field of oncology has rapidly evolved to include both multi-gene, germline genetic testing as well as genetic profiling of tumor cells, allowing practitioners to tailor treatment, management, and screening to the individual patient. Moreover, the adoption and implementation of these novel genetic services will require a multilevel effort that includes education of providers and administrators to avoid potential pitfalls, such as inappropriate testing and/or increased patient anxiety. The ability of health care providers to gather an accurate family history is now more important than ever to identifying patients as candidates for the ever expanding array of cancer genetic tests. Through both lectures and case presentations we will illustrate both the value and application of next generation genetic sequencing technologies, allowing attendees to advance their own clinical care.

Program Objectives

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

- **Integrate the use of next generation sequencing for both therapeutic purposes and for the identification of hereditary cancers.**
- **Develop a framework to address the potential pitfalls of new genetic testing technologies.**
- **Implement the standard practice of documenting a complete cancer family history.**

Target Audience

Health care providers including medical oncology, surgical oncology, radiation oncology, gynecologic oncology, gastrointestinal oncology, ob-gyn, genetic counselors, primary care physicians and nurses/nurse practitioners who are involved and/or interested in cancer genetics.



Keynote Speaker

Mark Robson, MD

Associate Attending Physician
Clinical Director, Clinical Genetics Service
Memorial Sloan-Kettering Cancer Center

Dr. Robson's research is dedicated to improving the integration of genetic information into the clinical management of cancer patients, especially women with breast cancer. He and his colleagues have conducted a number of studies examining how to better define the risks and benefits of treatments for breast cancer, as well as examine the effectiveness of screening interventions in women with a hereditary cancer risk. He has also published multiple articles about the increasingly routine use of multi-gene cancer genetics panels and the implications for both patients and providers.

Symposium Faculty

Activity Director:

Deborah Toppmeyer, MD
Director, Stacy Goldstein Breast Cancer Center
Director, LIFE Center
Chief Medical Officer
Rutgers Cancer Institute of New Jersey
Professor of Medicine
Rutgers Robert Wood Johnson Medical School

Planning Committee:

Hetal Vig, MS, CGC
Certified Genetic Counselor
Rutgers Cancer Institute of New Jersey

Stephanie Pachter, MS, CGC
Certified Genetic Counselor
Rutgers Cancer Institute of New Jersey

Sandra Mento, MS, CSC
Certified Genetic Counselor
Rutgers Cancer Institute of New Jersey

Sarah Nashed, MS, CGC
Certified Genetic Counselor
Rutgers Cancer Institute of New Jersey

Faculty:

Shridar Ganesan, MD, PhD
Medical Oncologist
Associate Director for Translational Science
Director of Functional Genomics Shared Resource
Rutgers Cancer Institute of New Jersey
Associate Professor of Medicine
Rutgers Robert Wood Johnson Medical School

Angela Fay, MS, CGC
Certified Genetic Counselor
Meridian Health

Jayne Murphy, MS, CGC
Certified Genetic Counselor
Meridian Health

Kim Hirshfield, MD, PhD
Medical Oncologist
Rutgers Cancer Institute of New Jersey
Associate Professor of Medicine
Rutgers Robert Wood Johnson Medical School

Registration Information

This event is **FREE** but registration is required, as space is limited.

To register contact Jennifer Schwager at 732-235-7472 or by email at schwagja@cinj.rutgers.edu.

CME Requirements

In order to meet the learning objectives and receive continuing medical education credits (CMEs), participants are expected to check in at the registration desk, attend the program, and complete the credit request and evaluation forms at the conclusion of the program. A letter certifying your attendance and credit verification will be mailed to you within four weeks.

Credit Information

Rutgers, The State University of New Jersey is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Rutgers, The State University of New Jersey designates this live activity for a maximum of *2.5 AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Physician assistants, nurse practitioners, and nurses may participate in this educational activity and earn a letter of attendance as AAPA, AANP, and ANCC accept *AMA PRA Category 1 Credits*[™] through their reciprocity agreements.

Faculty Disclosures

All individuals who affect the content of continuing education activities are required to disclose to the audience any real or apparent conflict of interest related to the activity. The activity faculty are further required to disclose discussion of off-label/investigational uses in their presentations. These disclosures will be made to the audience at the time of the activity.

Cancellation Policy

Rutgers reserves the right to modify this symposium's content, faculty and activities, and reserves the right to cancel the symposium if necessary.

Questions?

For additional program information, questions, or concerns, or if you require special arrangements to attend this symposium, please contact Jennifer Schwager, 732-235-7472 or by email at schwagja@cinj.rutgers.edu.

Practical Applications of Molecular Profiling Using Next Generation Technology in the Clinic: From Germline to Tumor

September 29, 2014 from 6:00 pm to 8:30 pm

Sheraton Eatontown Hotel, 6 Industrial Way E, Eatontown, NJ 07724

Program Agenda

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|------------------|--|
| 5:15-6:00 | <i>Registration/Dinner Service</i> |
| 6:00-6:10 | <i>Introduction and Overview</i>
Deborah Toppmeyer, MD |
| 6:10-7:00 | <i>Keynote Presentation</i>
<i>Multigene Testing in Oncology</i>
Mark Robson, MD |
| 7:00-7:45 | <i>Tumor Profiling Case Presentation</i>
Shridar Ganesan, MD, PhD
Kim Hirshfield, MD, PhD
Hetal Vig, MS, CGC |
| 7:45-8:15 | <i>Germline Testing Case Presentation</i>
Angela Fay, MS, CGC
Jayne Murphy, MS, CGC
Sandra Mento, MS, CGC
Sarah Nashed, MS, CGC
Stephanie Pachter, MS, CGC |
| 8:15-8:30 | Discussion and Questions |
| 8:30 | Adjourn |



Travel Information

**Sheraton Eatontown Hotel,
6 Industrial Way E, Eatontown, NJ 07724
732-542-6500**

Directions

FROM NEW YORK:

- Take NJ Turnpike South to Exit 11 - Garden State Parkway South to Exit 105 which puts you directly onto Route 36 East.
- Proceed through three traffic lights and bear off to the right at sign for Route 35 South, (Asbury Park/Seaside Heights).
- Proceed through one light. Bear off to the right before second light (Industrial Way).
- Make a left onto Industrial Way and go through light. Hotel is on the corner.

FROM ROUTE 18:

- Route 18 to exit 13B (Eatontown, Route 36 Exit) to third traffic light.
- Make right onto Route 35 South (Asbury Park/Seaside Heights).
- Proceed through one light. Bear off to the right before second light (Industrial Way).
- Make a left onto Industrial Way and go through light. Hotel is on the corner.

FROM ATLANTIC CITY:

- Atlantic City Expressway East
- Take exit 7 N to Garden State Parkway N toward NY.
- Follow North to exit 105. Follow signs for NJ-36 E/NJ-18N toward New Brunswick/Long Branch.
- Stay left at fork and merge on NJ-36 E. Follow ramp to NJ-35 S Eatontown/Long Branch.
- Follow signs to Industrial Way East jug handle.
- Take a left onto Industrial Way West.
- Follow through traffic light, you are now on Industrial Way East and Sheraton Eatontown Hotel is on your immediate right.

FROM PHILADELPHIA:

- Take the Ben Franklin Bridge to Route 38 East to NJ Turnpike North to 195 East, (Exit 7A) to Garden State Parkway North to Exit 105, Route 36 East.
- Proceed through three traffic lights and bear off to the right at sign for Route 35 South, (Asbury Park/Seaside Heights).
- Proceed through one light. Bear off to the right before second light (Industrial Way).
- Make a left onto Industrial Way and go through light. Hotel is on the corner.

Parking

Complimentary parking is available at the Sheraton Hotel.