Clinical Applications of Genomic Medicine

We are pleased to present Beaumont’s 25th Annual Symposium on Molecular Pathology on Clinical Applications of Genomic Medicine. This year’s symposium will again be held at the Somerset Inn in Troy, Michigan.

Highlights of this year’s meeting include our topics on next generation sequencing in cancer, droplet digital PCR and inherited disorders in children, co-sponsored and presented by speakers of the Association for Molecular Pathology (AMP). The keynote address will be on Clinical Applications of the CRISPR/Cas9 Gene Editing System. The remaining sessions include presentations on hot topics, molecular hematology/oncology and molecular microbiology.

The symposium provides significant opportunities for professional education, networking and resource building. You should strongly consider attending if you are involved in molecular diagnostics or are interested in learning about this fast-paced specialty of molecular pathology. We are pleased to bring you these excellent educational opportunities at modest registration fees, thanks to our commercial exhibitors.

In addition, AMP has provided a generous stipend to offset one-day registration costs for 12 visiting technologists, student technologists or medical students. Visit www.beaumontlaboratory.com/dnasymposium to download the form and submit your application. The first 12 qualified applicants will be awarded a scholarship. AMP has also provided a one-year membership to a trainee and a technologist who attend the meeting. These memberships will be randomly selected at the end of the symposium; you need not be present to win.

Lunch is provided with each day’s registration fee. In addition, there will be a wine and cheese reception at the close of Wednesday’s session. An exhibit area will be open where you can learn about new molecular products to enhance laboratory operations.

Target audience
While all physicians and health care professionals are invited, this year’s program is focused on the practices of hematology, oncology, pediatrics, obstetrics and gynecology, infectious diseases, internal medicine and pathology.

Sponsoring institution
This symposium is co-sponsored by the department of Pathology and Laboratory Medicine at Beaumont Hospital, Royal Oak, and the Association for Molecular Pathology.

Objectives
Upon completion of this conference, attendees can expect to achieve the following overall objectives:
• assess advanced methods employed for clinical molecular testing
• employ new technologies being implemented in molecular diagnostics
• discuss pertinent and innovative aspects of molecular technology related to clinical applications
• identify important aspects of molecular medicine including emerging technologies, molecular-based oncology, hematology and microbiology testing
• appraise future considerations and issues based on research activities and clinical needs

Accreditation and credit
Accreditation: William Beaumont Hospital is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.
Credit: William Beaumont Hospital designates this live activity for a maximum of 9.0 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

CME Credit breakdown: Wednesday 4.5 Thursday 4.5

Disclosure information
All speakers have been asked to disclose any relevant relationships they may have with commercial companies. The presence or absence of relationships (as well as off-label discussion of products) will be disclosed at the time of the meeting.

Clinical Applications of Genomic Medicine
Co-sponsored by the Association for Molecular Pathology
September 21-22, 2016
Somerset Inn
Troy, Michigan

This symposium is jointly provided by the Department of Pathology and Laboratory Medicine, Beaumont Hospital, Royal Oak, Michigan and the Association for Molecular Pathology, Bethesda, Maryland.

www.beaumontlaboratory.com/dnasymposium
Symposium location and hotel accommodations
Somerset Inn
1001 West Big Beaver Road
Troy, Michigan 48084
Discipline: Molecular Pathology

Faculty
Stephanie M. Brecher, Ph.D.
VA Boston Healthcare System, Roxbury, MA

Jacob Corn, Ph.D.
University of California, Berkeley, CA

John Gbson, M.S., SV(ASCP), CLS(MB), CLAS-MDs, Beaumont Hospital, Royal Oak, MI

Sabine Hellwig, Ph.D.
ARRP Laboratories, Salt Lake City, UT

Mark Micale, Ph.D., FACMG
Beaumont Hospital, Royal Oak, MI

Janice Matthews-Green, Ph.D., D(ABMM)
University of North Carolina School of Medicine, Chapel Hill, NC

Nancy Ramirez, M.S., MLS(ASCP), Beaumont Hospital, Royal Oak, MI

Marcy King, B.S., Coordinator
University of New Mexico/Tricare Reference Lab, Albuquerque, NM

Melvin Limson, Ph.D.
Bethesda, Maryland

John Schwartz, M.D., Assistant Professor
University of North Carolina School of Medicine, Chapel Hill, NC

Mark Micale, Ph.D., FACMG
University of New Mexico, Albuquerque, NM

Natarajan Ramachandran, M.D.
Beaumont Hospital, Royal Oak, MI

Madhu Kalia, M.D., Ph.D.
University of California, Berkeley, CA

Mark Kolins, M.D., FACPE, Emeritus, Professor
University of California, Berkeley, CA

Mark Micale, M.D., Coordinator
University of New Mexico/Tricare Reference Lab, Albuquerque, NM

Mark Micale, Ph.D., FACMG, Associate Professor
University of New Mexico, Albuquerque, NM

Nancy Ramirez, M.S., MLS(ASCP)
Education Manager
Association for Molecular Pathology (AMP)

Bethesda, Maryland
Melin Lien, Ph.D.

Mary Steeke Williams, M.N.A., MT(ASCP)S, C.E.A.

Schedule
Wednesday, Sept. 21
7:30 a.m. Registration and continental breakfast (Foyer)

Thursday, Sept. 22
7:30 a.m. Registration and continental breakfast (Exhibit Hall)

• Association for Molecular Pathology (AMP) Education Program
• Program Moderators: Melvin Limson, Ph.D., D(ABMM), Beaumont Hospital, Royal Oak, MI

Program Moderators: Melvin Limson, Ph.D., FACMG, Director, Microbiology and Associate Medical Director, Molecular Pathology, Beaumont Hospital, Royal Oak, MI and Gabriel Maine, Ph.D., Director, Histocompatibility, Beaumont Hospital, Royal Oak

8:15 a.m. Liquid Lipoysis of Biopsy: From Research to bedside
Jimmy Lin, M.D., Ph.D.
American Cancer Society, NC

8:45-9:30 a.m. Molecular Profiling of Mystical Repeals
Michelle Miller, M.D., University of Michigan, Ann Arbor, MI

• Metro Car:

9-9:45 a.m. The Diagnosis of C. difficile Infections: Does it Matter? (Panel)
Barbara Robinson-Dunn, Ph.D.
University of North Carolina School of Medicine, Chapel Hill, NC

11 a.m. Break; Corporate workshop*;
New to 1 p.m. Lunch (Exhibit Hall)

3-3:45 p.m. Clinical Applications of CRISPR/Cas9 Gene Editing
Jeffrey L. Pennington
University of Pennsylvania, Philadelphia, PA

3:45-4:30 p.m. The Diagnosis of C. difficile Infections: Does it Matter? (Panel)
Barbara Robinson-Dunn, Ph.D.
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4-4:45 p.m. Microbiology, Beaumont Hospital, Royal Oak

7:30-7:45 p.m. Registration and continental breakfast (Exhibit Hall)

7-7:15 p.m. Break (Exhibit Hall)

7:45-8:30 p.m. Break (Exhibit Hall)

4:45-5:30 p.m. Molecular Pathology Committee

7-7:15 p.m. Break (Exhibit Hall)

9:45-10:30 a.m. Break (Exhibit Hall)

10:15-11 a.m. Genomic (Next-Generation) Sequencing for Investigating Constitutional Genetic Diseases – The Bird’s Eye View
Mark Micale, M.D., Director, Histocompatibility, Beaumont Hospital, Royal Oak

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Ground transportation
Sedan service from the airport and to/from Somerset Inn is available through: – Trinity Shuttle Service: 888-789-6187 One way: $130 for minivan; $155 for larger van Round trip: $260 minimum; $300 larger van – Metro Car: 800-456-1701 ($95 one way) – Metro Connections: 888-715-8662 ($85 one way) Prices were quoted at the time of publication and are subject to change at any time.

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7:30 a.m. Registration and continental breakfast (Foyer)

*The corporate workshops are not endorsed by Beaumont Hospital and are not part of the CME activity.

25th Annual Symposium on Molecular Pathology

5:45-6:30 p.m. Corporate workshop

6:45-7:30 p.m. Networking Reception and CME Registration

7:30 p.m. Dinner (Exhibit Hall)

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