

Beaumont® Hospital
Royal Oak
Clinical Pathology
3601 W. Thirteen Mile Road
Royal Oak, Michigan 48073-6769



19th Annual Symposium on
Molecular Pathology

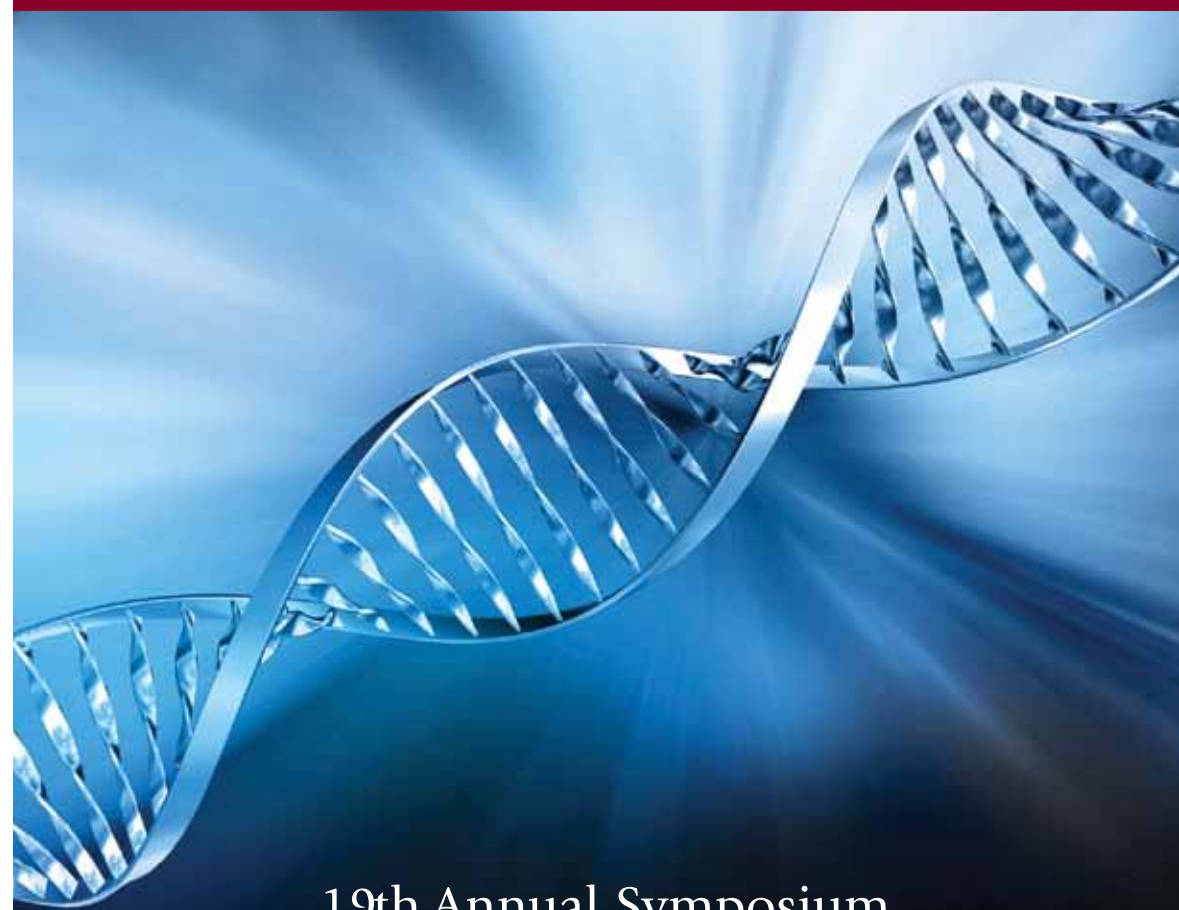
Clinical Applications of
Genomic Medicine

September 22 – 23, 2010
Somerset Inn • Troy, Michigan

www.beaumont.edu/dnasymposium

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on Molecular Pathology

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Beaumont® Hospital
Royal Oak

Clinical Applications of Genomic Medicine

We are pleased to present the 19th Annual Molecular Pathology Symposium on Clinical Applications of Genomic Medicine. This year's symposium will again be held at the beautiful Somerset Inn in Troy, Michigan.

Highlights of this year's meeting include a morning session about molecular oncology and an afternoon session about molecular hematology on Wednesday, Sept 22. On Thursday, Sept. 23, there is a morning session on molecular microbiology.

Lunch is provided with each day's registration fee. In addition, there is a cocktail and hors d'oeuvres reception at the close of Wednesday's session. An exhibit area will display new products and services that enhance laboratory operations from molecular-specific companies.

We hope you will make the time to join us.

Target audience

This program has been designed for and will most benefit physicians, residents, technologists, students and bioscientific staff who practice in the fields of clinical pathology, hematology/hemostasis, infectious diseases, microbiology, molecular pathology and oncology.

Sponsoring institution

This symposium is sponsored by the Clinical Pathology department at Beaumont Hospital, Royal Oak.

Objectives

Upon completion of this conference, attendees can expect to achieve the following overall objectives:

- assess basic and advanced methods employed for clinical molecular testing
- employ new technologies being implemented in molecular pathology
- discuss pertinent and innovative aspects of DNA technology related to clinical applications
- identify important aspects of 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 educational activity for a maximum of 9.0 AMA PRA Category 1 credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

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.

Symposium location and hotel accommodations

Somerset Inn
 2601 West Big Beaver Road
 Troy, Michigan 48084
 Toll free: 1-800-228-8769
 Phone: 248-643-7800
 Fax: 248-643-2296
 Web site: www.somersetinn.com

Registration will be held in the Somerset Ballroom foyer (located inside the north entrance). Registration hours will be:
 Wednesday 7:30 a.m. – 5 p.m.
 Thursday 7:30 a.m. – 12 p.m.

Free parking is available at the Somerset Inn. For driving instructions, please check the Web site above.

Rooms are being held for symposium participants until Aug. 20.

	Tower	Executive Wing
Singles	\$99*	\$119*
Doubles	\$99*	\$119*

*Add 13.3% tax
 Please state "Beaumont Hospital Molecular Pathology Symposium" when making reservations.

Ground transportation

- Sedan service from/to the airport to/from Somerset Inn is available through:
 - Trinity Shuttle Service: 888-789-6187 (\$82 one way)
 - Metro Car: 800-456-1701 (\$80 one way)
 - Metro Connection: 866-715-8662 (\$69 one way)
- Rental cars can be arranged via: www.bnm.com/det.htm

Guest faculty

- Aaron D. Bossler, M.D., Ph.D.**
University of Iowa Hospitals and Clinics, Iowa City, IA
- Tricia Bravo, M.D.**
Cleveland Clinic, Cleveland, OH
- John K. Cowell, Ph.D., DSc, FRCPath**
Medical College of Georgia Cancer Center, Augusta, GA
- M. Eileen Dolan, Ph.D.**
The University of Chicago Medical Center, Chicago, IL
- Gangning Liang, M.D., Ph.D.**
USC/Norris Comprehensive Cancer Center, Los Angeles, CA
- Michael Loeffelholz, Ph.D., DCABMM**
University of Texas Medical Branch, Galveston, TX
- Paul Northcott, Ph.D.**
The Hospital for Sick Children, Toronto, Ontario
- Animesh Pardanani, M.D.**
Mayo Clinic, Rochester, MN
- Josef T. Prchal, M.D.**
University of Utah School of Medicine, Salt Lake City, UT
- Ayalew Tefferi, M.D.**
Mayo Clinic, Rochester, MN
- Marcus Zervos, M.D.**
Henry Ford Hospital Systems, Detroit, MI
- Yong Zhu, Ph.D.**
Yale University School of Medicine, Yale Cancer Center, New Haven, CT

Program committee

- Department of Clinical Pathology
 Beaumont Hospital, Royal Oak
- Mark Kolins, M.D.
 Anne Marie Blenc, M.D.
 Bobby L. Boyanton, Jr., M.D.
 Domnita Crisan, M.D., Ph.D., HCLD
 Vonda Douglas-Nikitin, M.D.
 James Huang, M.D.
 Gabriel Maine, Ph.D.
 Mark Micale, Ph.D.
 Barbara Robinson-Dunn, Ph.D.
 Marc Smith, M.D.
 John Gibson, M.S.
 Nancy Ramirez, M.S.
 Marcy King, B.S.

Symposium agenda

Wednesday, Sept. 22

- 7:30 a.m. Registration and continental breakfast
- Morning session: Molecular Oncology**
 Program moderator: Mark Micale, Ph.D., medical director, Cytogenetics and Chromosome Microarray Laboratories, Beaumont Hospital, Royal Oak
- 8:30 a.m. **Keynote address**
Epigenetic Alterations in Cancer and Their Clinical Implications
 Gangning Liang, M.D., Ph.D.
 USC/Norris Comprehensive Cancer Center, Los Angeles, CA
- 9:15 a.m. **Genomics of Medulloblastoma: From Giemsa-Banding to Next Generation Sequencing in 20 years.**
 Paul Northcott, Ph.D.
 The Hospital for Sick Children, Toronto, Ontario
- 10 a.m. **Break**
- 10:30 a.m. **Pharmacogenomics of Anti-Cancer Drugs**
 M. Eileen Dolan, Ph.D.
 The University of Chicago Medical Center, Chicago, IL
- 11:15 a.m. **CLOCK-Cancer Connection: Molecular Epidemiology and Functional Analysis**
 Yong Zhu, Ph.D.
 Yale University School of Medicine, Yale Cancer Center, New Haven, CT
- 12 – 1 p.m. **Lunch / visit exhibits**
- Afternoon session: Molecular Hematology**
 Program moderator: Marc Smith, M.D., medical director, Coagulation, Beaumont Hospital, Royal Oak
- 1 p.m. **Molecular Pathology of Polycythemia Vera; is JAK2V617F Mutation the Whole Story?**
 Josef T. Prchal, M.D.
 University of Utah School of Medicine, Salt Lake City, UT
- 1:45 p.m. **Modeling Human FGFR1-Related Atypical Myeloproliferative Disease in Mice using Genomics Approaches**
 John K. Cowell, Ph.D., DSc, FRCPath
 Medical College of Georgia Cancer Center, Augusta, GA
- 2:30 p.m. **Break**
- 3 p.m. **Mast Cell and Eosinophilic Disorders: Molecular Pathogenesis and Clinical Practice**
 Animesh Pardanani, M.D.
 Mayo Clinic, Rochester, MN
- 3:45 p.m. **Myeloproliferative Neoplasms: Advances in Science and Practice**
 Ayalew Tefferi, M.D.
 Mayo Clinic, Rochester, MN
- 5 p.m. **Cocktail and hors d'oeuvres reception**
 Corporate Exhibits open until 6 p.m.

Thursday, Sept. 23

- 7:30 a.m. Registration and continental breakfast
- Morning session: Molecular Microbiology**
 Program moderators: Bobby Boyanton Jr., M.D., medical director, and Barbara Robinson-Dunn, Ph.D., technical director, Microbiology, Beaumont Hospital, Royal Oak
- 8:30 a.m. **Molecular Epidemiology in the Evaluation of Hospital-Associated Infections**
 Marcus Zervos, M.D.
 Henry Ford Hospital Systems, Detroit, MI
- 9:15 a.m. **Verification and Validation of Molecular Microbiology Tests: Recent Updates**
 Michael Loeffelholz, Ph.D., ABMM
 University of Texas Medical Branch, Galveston, TX
- 10 a.m. **Break**
- 10:30 a.m. **Pyrosequencing and Other Molecular Rapid Tests in the Detection of Mycobacterium tuberculosis Drug Resistance**
 Tricia Bravo, M.D.
 Cleveland Clinic, Cleveland, OH
- 11:15 a.m. **Human Papillomavirus: Molecular Methods of Detection and Genotyping**
 Aaron D. Bossler, M.D., Ph.D.
 University of Iowa Hospitals and Clinics, Iowa City, IA
- 12 – 1 p.m. **Lunch/visit exhibits**
- Afternoon session: Post conference corporate workshops** – Satellite corporate workshops are not endorsed by Beaumont Hospital and are not part of the CME activity. The workshop schedule will be available at the registration desk.

Program materials: Presentation handouts will be available for download and printing from the website one week prior to the symposium. Print copies of presentation handouts will not be available at the symposium.



Registration form

Name/degree/credentials _____

Department _____ Institution _____

Street address _____

City _____

State/Province _____ ZIP _____ Country _____

Phone _____ Fax _____ E-mail _____

Fees	M.D./D.O./Ph.D (Physicians, bioscientists, Ph.D.s, other scientific/research staff)	Other (fellows, residents, technologists)
	The registration fee includes a continental breakfast, box lunch and break refreshments. Wednesday's registration also includes cocktail and hors d'oeuvres reception at the day's conclusion.	Check appropriate boxes
Full symposium (Wednesday and Thursday)	<input type="checkbox"/> \$120	<input type="checkbox"/> \$60
Wednesday only	<input type="checkbox"/> \$80	<input type="checkbox"/> \$40
Thursday only	<input type="checkbox"/> \$40	<input type="checkbox"/> \$20

Registration deadline is Sept. 15.

To register online, visit our Web site at: www.beaumont.edu/dnasymposium. Registrations are limited to 250 and will be processed on a first-come, first-served basis.

After Sept. 15, registrations will only be accepted onsite, at the meeting's registration desk, on a space-available basis.

For help with registration, contact Jessica Rice at 248-551-8155, fax 248-551-0557 or e-mail at jessicarice@beaumont-hospitals.com.

To register:

- ✓ Online at www.beaumont.edu/dnasymposium
 Click on Registration; you will be directed to CME tracker site
- ✓ Fax to 248-551-0557
- ✓ Mail with payment to: Beaumont Hospital
 Attn: Clinical Pathology, 105-RI
 3601 W. Thirteen Mile Rd.
 Royal Oak, MI 48073-6769

Payment:

- Check: make payable to Beaumont Hospital (in U.S. funds)
- Credit card, please complete:
 - Master Card Visa Discover

 Name on credit card

 Account number

 Expiration date

 Signature