

**Co-Sponsorship
Genomics Center**

**Department of Pathology
University of Maryland School of Medicine**

**Marlene and Stewart Greenebaum
Cancer Center**



Third Wave Technologies, Inc.



**“Clinical Applications
of Genomics”**

**Third Annual Symposium
on
Translational Research in Molecular Pathology**

**Organized by
Division of Molecular Pathology
Department of Pathology
University of Maryland
School of Medicine**

**Date: Monday, October 29, 2007
Location: Davidge Hall
University of Maryland, Baltimore
522 W. Lombard Street
Baltimore, Md. 21201**

The symposium is free but seating is limited. Registration is encouraged to ensure your seat, lunch and cocktail reception. To register, please logon <http://medschool.umaryland.edu/molecularpath/symposium.asp> or send email to mtillman@som.umaryland.edu For inquiry, contact Melinda Tillman at 410-706-6300 or Dr. Richard Zhao at 410-706-6301

8:30 – 8:35am:



Welcome
Richard Y. Zhao, PhD
Associate Professor
Head, Division of Molecular Pathology
Department of Pathology
University of Maryland School of Medicine

Opening Remarks

8:35 – 8:45am:



Sanford A. Stass, MD
Professor and Chairman
Department of Pathology
University of Maryland School of Medicine
Introduction by Richard Y. Zhao, PhD

8:45 – 9:00am:



E. Albert Reece, MD, PhD, MBA
Vice President for Medical Affairs,
University of Maryland
John Z. and Akiko K. Bowers Distinguished
Professor and
Dean, School of Medicine
Introduction by Sanford A. Stass, MD

Keynote Lecture

9 – 9:45am:



From Humans to the Environment
J. Craig Venter, PhD
Founder and President
The J. Craig Venter Institute
Founder and Former President
Celera Genomics
Introduction by Richard Y. Zhao, PhD

9:45 – 10am:

Coffee Break

10am – Noon:

Morning Session:
Microbial and Cardiovascular Diseases

10 – 10:30am:



Genomic Medicine
Alan R. Shuldiner, MD
John A. Whitehurst Professor of Medicine
Director, Program in Genetics and
Genomic Medicine
Head, Division of Endocrinology,
Diabetes & Nutrition
University of Maryland School of Medicine
Introduction by Dean L. Mann, MD

10:30 – 11am:



**Integration of Molecular Diagnostic
and Therapeutic Approaches in Solid Tumors**
David Sidransky, MD
Professor of Otolaryngology,
Oncology, Pathology, Urology
Director, Head and Neck Cancer Research
Johns Hopkins University
Introduction by Amy M. Fulton, PhD

11 – 11:30am:



**The Role of Microbial Communities
in Health and Disease**
Claire M. Fraser-Liggett, PhD
Professor of Medicine
Director, Institute for Genome Sciences
University of Maryland School of Medicine
Introduction by Steven Zhan, PhD

11:30 – Noon:



**Pharmacogenomics of Heart Failure:
Time for Personalized
Medicine Based on Individual Genomes**
Stephen B. Liggett, MD
Professor of Medicine and Physiology
Director, Cardiopulmonary Genomics Program
University of Maryland School of Medicine
Introduction by Robert H. Christenson, PhD

Noon – 12:55pm:

Box Lunch – Davidge Hall

1- 4:00pm:

Afternoon Session:
Cancers and Aging

1:00 - 1:15pm:

Welcome to the afternoon session
Alan R. Shuldiner, MD
John A. Whitehurst Professor of Medicine
Director, Program in Genetics and
Genomic Medicine
Head, Division of Endocrinology,
Diabetes & Nutrition
University of Maryland School of Medicine

1:15 – 1:45pm:



Translational Research in Breast Cancer
Angela H. Brodie, PhD
Professor
Department of Pharmacology and
Experimental Therapeutics
University of Maryland School of Medicine
Introduction by Anne W. Hamburger, PhD

1:45 – 2:15pm:



**A Systems Biology Approach to the
Dissection of Dysregulated
Pathways in Lymphoid Malignancies**
Andrea Califano, PhD
Professor of Biomedical Informatics
Department of Biomedical Informatics (DBMI)
Director, Center for Multiscale Analysis
of Genetic and Cellular Networks (MAGNet)
Associate Director, Irving Cancer
Research Center (ICRC)
Co-Director, Center for Computational
Biology Bioinformatics
Columbia University Medical Center
Introduction by Sanford A. Stass, MD

2:15 – 2:25pm:

Coffee Break

2:25 – 2:55pm:



**Strategy to Prevent Age-related Diseases
through Genetic Discoveries**
Nir Barzilai, MD
Professor
Department of Medicine and
Molecular Genetics
Albert Einstein College of Medicine
Introduction by Alan R. Shuldiner, MD

2:55 – 3:25pm:



**Pharmacogenetics of the Endocrine
Treatment of Breast Cancer**
Todd C. Skaar, PhD
Associate Director
General Clinical Research Center (GCRC)
Pharmacogenetics Core Laboratory
Department of Medicine
Division of Clinical Pharmacology
Indiana University School of Medicine
Introduction by Rudolph J. Castellani, MD

3:25 – 3:30pm:

Closing Remarks

Richard Y. Zhao, PhD
Associate Professor
Head, Division of Molecular Pathology
Department of Pathology
University of Maryland School of Medicine

3:30 – 4pm

Cocktail Reception at Davidge Hall