

Co-Sponsorship

Program in Genetics and Genomic Medicine

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/moleculopath/symposium.asp> or send email to mtlman@som.umaryland.edu
For inquiry, contact Melinda Tilman 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

8:35 – 8:45am



Opening Remarks
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 Rowan, MD, PhD, MHA
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

9 – 9:45am



Keynote Lecture
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
Morning Session:
Microbial and Cardiovascular Diseases

10 – 10:30am



Genomic Medicine
Alan R. Shuldiner, MD
John A. Whitcomb, PhD
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. Falsco, 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 Zhao, PhD

11:30 – Noon



**Pharmacogenomics of Heart Failure:
Time for Personalized
Medicine Based on Individual Genomes**
Stephen H. 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. Whitcomb 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 (DBIM)
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**
Nor Bawolak, 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. Skar, 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 by 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