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The symposium is free but seating is limited. Registration is encouraged to ensure your seat, lunch and cocktail reception. To register, please logon http://mdschool.umd.edu/umdpath/molecularpath/symposium.asp or send email to miltiman@som.umd.edu or Dr. Richard Zhao at 410-706-6300

“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

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 - 9:00am: Devine Remarks
Sanford A. Stass, MD
Professor and Chairman
Department of Pathology
University of Maryland School of Medicine
Introduction by Richard Y. Zhao, PhD

9:00 - 9:15am: Keynote Lecture
E. Albert Boneu, 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

9:15 - 10:00am: Coffee Break

10:00 - 10:15am: Integration of Molecular Diagnostic and Therapeutic Approaches in Solid Tumors
David Sidransky, MD
Professor of Otolaryngology, Otology, Pathology, and Surgery
Director, Head and Neck Cancer Research
Johns Hopkins University
Introduction by Amy M. Fulton, PhD

10:15 - 11:00am: The Role of Microbial Communities in Health and Disease
Clare M. Fraser-Liggett, PhD
Professor of Medicine
Director, Institute for Genome Sciences
University of Maryland School of Medicine
Introduction by Steven Zhou, PhD

11:00 - 12:15pm: Pharmacogenomics of Heart Failure: Toward Personalized Medicine Based on Individual Genomes
Stephen B. Liggett, MD
Professor of Medicine and Physiology
Cardiopulmonary Genomics Program
University of Maryland School of Medicine
Introduction by Robert H. Christman, PhD

12:15 - 1:00pm: Afternoon Session: University of Maryland
Welcome to the afternoon session
Alan R. Shalinsky, MD
Director, Program in Genetics and Genomic Medicine
Head, Division of Endocrinology, Diabetes & Nutrition
University of Maryland School of Medicine
Introduction by Anne W. Hamburger, PhD

1:00 - 1:15pm: Translational Research in Breast Cancer
Angela H. Brodie, PhD
Professor
Department of Pharmacology and Experimental Therapeutics
University of Maryland School of Medicine
Introduction by Ann W. Hamburger, PhD

1:15 - 1:30pm: A Systems Biology Approach to the Distinction of Discrepant Pathways in Lymphoid Malignancies
Andrea Calistani, PhD
Professor of Biomedical Informatics
Department 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 and Bioinformatics
Columbia University Medical Center
Introduction by Sanford A. Stass, MD

1:30 - 1:45pm: Pharmacotherapy of the Endocrine Treatment of Breast Cancer
Tal C. Scher, MD
Associate Professor
General Clinical Research Center (GCRC)
Pharmacogenetics Core Laboratory
Department of Medicine
Division of Clinical Pharmacology
Indiana University School of Medicine
Introduction by Randolph J. Costantini, MD

1:45 - 2:00pm: Coffee Break

2:00 - 2:15pm: Strategy to Prevent Age-related Diseases through Gene Therapy
Nir Barzilai, MD
Professor
Department of Medicine and Molecular Genetics
Albert Einstein College of Medicine
Introduction by Alan R. Shalinsky, MD

2:15 - 2:30pm: Pharmacotherapy of the Endocrine Treatment of Breast Cancer
Elisa A. Rosso, MD
Associate Professor
General Clinical Research Center (GCRC)
Pharmacogenetics Core Laboratory
Department of Medicine
Division of Clinical Pharmacology
Indiana University School of Medicine
Introduction by Randolph J. Costantini, MD

2:30 - 2:45pm: Closing Remarks by Richard Y. Zhao, PhD
Associate Professor
Head, Division of Molecular Pathology
Department of Pathology
University of Maryland School of Medicine

2:45 - 3:00pm: Social Hour
Cocktail Reception at Davidge Hall