Symposium on Translational Research in Molecular Pathology

Date: Friday, October 28, 2005
Location: HSFII Auditorium
University of Maryland at Baltimore (UMB)
20 Penn Street
Baltimore, MD 21201

Opening Remarks

8:30 – 8:40am: Sanford A. Stass, M.D., Chairman, Department of Pathology, UMB
8:40 – 8:50am: Bruce E. Jarrell, M.D., Vice-Dean for Academic Affairs, UMB
8:50 – 9:00am: Richard Y. Zhao, Ph.D. Division Head of Molecular Pathology, Department of Pathology, UMB

Keynote Speech

9:00 – 9:45am: The Human Genome and the Future of Medicine
Dr. Samuel Broder*
Executive Vice-President for Medical Affairs and Chief Medical Officer Celera Inc.
Introduction by Dean L. Mann, M.D.

9:45 – 10:00am: Coffee Break

10:00 – Noon: Morning Session: Infectious Diseases

10:00 – 10:30am: Genomics in the Clinical Microbiology Laboratory
Patrick R. Murray, Ph.D.
Senior Scientist and Chief of Microbiology, NIH Clinical Center National Institute of Health
Introduction by Richard Venezia, Ph.D.

10:30 – 11:00am SARS and Other Emerging Infections
Robert C. Bollinger, Jr., M.D., M.P.H.
Professor and Director of John Hopkins Center for Clinical Global Health Education
John Hopkins University

*Introduction by Richard Y. Zhao, Ph.D.*

11:00 – 11:30am  **Development of RNAi-based Anti-SARS Therapeutics**  
Patrick Y. Lu, Ph.D.,  
Executive Vice President, Intradigm Corporation  
*Introduction by A. James Mixson, Ph.D., M.D.*

11:30 – noon  **Cell Cycle and HIV Therapy**  
Robert Redfield, M.D.  
Associate Director of IHV  
University of Maryland Biotechnology Institute  
*Introduction by Niel Constantine, Ph.D.*

Noon – 12:55pm  Lunch Break (box lunch) – HSFII Atrium

1:00-4:00pm  **Afternoon Session: Cancer**

1:00 – 1:15pm:  Remarks by Kevin Cullen, M.D., Director of Marlene and Stewart Greenbaum Cancer Center, University of Maryland at Baltimore  
*Introduction by Richard Y. Zhao, Ph.D.*

1:15 – 1:45pm  **Genomic Approach for Monitoring Heart Post-transplantation**  
Judith Wilbur, Ph.D.  
Vice-president  
XDX Inc.  
*Introduction by Allan Burke, M.D.*

1:45 – 2:15pm  **Human Bone Marrow: A Reservoir for “Enhanced Effector Memory” CD8+ T Cells with Potent Effector Function**  
Scott E. Strome, M.D., FACS  
Professor and Chairman  
Department of Otorhinolaryngology-Head and Neck Surgery  
University of Maryland  
*Introduction by Steve Zhan, Ph.D.*

2:15 – 2:30pm:  Coffee Break

2:30 – 3:00pm  **HTLV-1 and Aneuploidy in Adult T-cell Leukemia**  
Kuan-Teh Jeang MD, PhD  
Chief, Molecular Virology Section  
LMM, NIAID, NIH  
*Introduction by Rudolph Castellani, M.D.*
3:00 – 3:30pm  Molecular Targets in the Proteasome-ubiquitin System: Identification of a Novel Ubiquitin E3Ligase with a Role in Breast Cancer
Angelika M. Burger, Ph.D.
Associate Professor and Director, Translational Core Laboratory
Greenebaum Cancer Center
University of Maryland at Baltimore
Introduction by Ann Hamburger, Ph.D.

3:30 – 4:00pm  Apoptosis of Skin Melanoma by Forced Expression of the New Heat Shock Protein H11: A Novel Paradigm for Chemogene Therapy
Laure Aurelian, Ph.D.
Professor
Department of Pharmacology and Experimental Therapy
Introduction by Abulkalam M. Shamsuddin, M.D., Ph.D.

4:00 – 4:10pm  Closing Remarks by Richard Y. Zhao, Ph.D.

4:10 – 6:00pm  Cocktail Reception at the MSTF Atrium

Sponsorship
Department of Pathology
University of Maryland at Baltimore

*Disclaimer: Dr. Broder is a full-time employee of the Celera companies, which are engaged in diagnostic and therapeutic research for a number of diseases including AIDS, cancer, autoimmunity, and heart disease. Dr. Broder is an inventor or co-inventor on a number of patents in these areas.