Futures Workshop on Personalized Medicine
Early Disease Detection: Biomarker Discovery to Clinical Application

Friday, September 25, 2009

The Rio Grande Room 2200
UTHSC-H Operations Center Building
1851 Cross Point Avenue
Houston, Texas 77054

7:30 am  Check-in and Continental Breakfast
8:00 am  Welcome and Introduction
  John McDevitt, Ph.D.
  Brown-Wiess Professor of Bioengineering & Chemistry
  Rice University

Morning session: Disease and Biomarker Focus
Moderator:  David G. Gorenstein, Ph.D.
  Deputy Director and James T. Willerson Distinguished Chair
  The Brown Foundation Institute of Molecular Medicine
  The University of Texas Health Science Center at Houston

8:20 am  Biomarker Discovery
  Kevin Rosenblatt, Ph.D.
  Associate Professor, Proteomics & Systems Biology
  The University of Texas Health Science Center at Houston

8:40 am  Disease Focus: Cardiac and Diabetes
  Christie Ballantyne, M.D., Ph.D.
  Professor of Medicine, Chief, Section of Atherosclerosis and Vascular Medicine
  Baylor College of Medicine
9:00 am  Disease Focus: Infectious Diseases  
A. Clinton White, M.D.  
Professor of Internal Medicine, Chief, Infectious Diseases  
The University of Texas Medical Branch at Galveston

9:20 am  Disease Focus: Cancer  
Xifeng Wu, M.D., Ph.D.  
Professor, Department of Epidemiology, Cancer Prevention and Population Sciences  
The University of Texas M. D. Anderson Cancer Center

9:40 am  Technology Platform: Optical Image Analysis of Tissue Samples  
Rebecca Richards-Kortum, Ph.D.  
Stanley C. Moore Professor of Bioengineering  
Director, Rice 360°: Technology Solutions for World Health  
Founder, Beyond Traditional Borders  
Rice University

10:00  Coffee break

10:30 am  Disease Panel Speakers  
Kevin Rosenblatt, Ph.D.  
James L. Pool, M.D.  
A. Clinton White, M.D.  
Xifeng Wu, M.D., Ph.D.

11:00 am  Parallel Roundtable Discussions

Cardiac and Diabetes Table  
Moderator: Joel D. Morrisett, Ph.D.

Infectious Diseases Table  
Moderator: David Gorenstein, Ph.D.

Cancer Table  
Moderator: Manoop Bhutani, M.D.

12:00 noon  Lunch

Afternoon Session: Technology and Platform Focus  
Moderator: Leif E. Peterson, Ph.D.  
Director, Center for Biostatistics  
The Methodist Hospital Research Institute  
Adjunct Associate Professor, Department of Medicine  
Baylor College of Medicine
1:00 pm  Diagnostics Industry Presentation  
*James W. Jacobson, Ph.D.*  
*Vice President, Chief Scientific Officer*  
*LabNow, Austin, TX*

1:30 pm  Technology Platform: Lab-on-a-Chip Analysis  
*John T. McDevitt, Ph.D.*  
*Brown-Wiess Professor of Bioengineering & Chemistry*  
*Rice University*

1:50 pm  Technology Platform: Image-based biocompatible nano contrast agents  
*Rebekah Drezek, Ph.D.*  
*Associate Professor in Bioengineering*  
*Associate Professor in Electrical and Computer Engineering*  
*Rice University*

2:10 pm  Coffee break

2:40 pm  Technology Panel Speakers  
James Jacobson, Ph.D.  
John McDevitt, Ph.D.  
Rebecca Richards-Kortum, Ph.D.  
Rebekah Drezek, Ph.D.

3:10 pm  Parallel Roundtable Discussions

Tissue Analysis  
Moderator: Shannon Weigum, Ph.D.

Medical Micro-Devices  
Moderator: Pierre Floriano, Ph.D.

Use of Contrast Agents  
Moderator: Nicolaos Christodoulides, Ph.D.

4:10 pm  Roundtable Summaries

4:40 pm  Closing Remarks

5:00 pm  Reception