DRAFT Agenda

Futures Conferences on Personalized Medicine
Pathways to Personalized Medicine: Rate-limiting Factors in Delivering the Promise

Saturday, June 14, 2008
Onstead Auditorium, Mitchell Basic Sciences Research Building, UTMDACC

8:00 AM  Check-in and Continental breakfast

8:30 AM  Welcome and Introduction
   David Gorenstein, Associate Dean for Research, School of Medicine, UTMB

8:35 AM  Keynote speaker: Ethical, Economic, and Legal Aspects of Personalized Medicine
   Kenneth I. Shine, Interim Chancellor, Vice Chancellor for Health Affairs, The University of Texas System

9:15 AM  Presidents’ Overviews of Personalized Medicine
   Introductions: Kathy Matthews, Dean, Wiess School of Natural Sciences, RU
   James T. Willerson, President, UTHSC-H
   John Mendelsohn, President, UTMDACC

10:00 AM  Networking Break

10:30 AM  Keynote speaker: Is the World Ready for MyGenomeOnline.com?
   Introduction: Jack Smith, Dean, School of Health Information Sciences, UTHSC-H
   Mark S. Boguski, Associate Professor, Center for Biomedical Informatics and Department of Pathology, Beth Israel Deaconess Medical Center and Harvard Medical School
11:15 AM Keynote speaker: Semantic Strategies for Translational Research
Introduction: Jonas Almeida, Professor, Department of Bioinformatics and Computational Biology, UTMDACC

Eric K. Neumann, Director, Clinical Semantics Group, MIT Fellow, Science Commons, Co-Chair, W3C Semantic Web Healthcare and Life Science Interest Group

12:00 PM Lunch: Table Talk Topics
Moderator: David Tweardy, Professor of Medicine, Chair, ad interim, Department of Medicine, Chief, Section of Infectious Diseases, Chief, ad interim, Section of Immunology Allergy and Rheumatology, BCM

Computational Approaches
Semantic Web
Personalized Informatics
ELSI issues

1:00 PM Capitalizing on TCGA: Beware the Tsunami of Information
Introduction: Jonas Almeida, Professor, Department of Bioinformatics and Computational Biology, UTMDACC

Gordon Mills, Chair, Department of Systems Biology, UTMDACC
John Weinstein, Chair, Department of Bioinformatics and Computational Biology, UTMDACC

1:30 PM Proteomics and Metabolomics
Introduction: David Gorenstein, Associate Dean for Research, School of Medicine, UTMB

Kevin Rosenblatt, Associate Professor, Department of Biochemistry and Molecular Biology, UTMB
Bruce Luxon, Professor, Department of Biochemistry and Molecular Biology, UTMB

2:00 PM From DNA to Facial Expressions: Dissecting Stress Phenotypes and Genotypes
Introduction: Amalia Issa, Director, Program in Personalized Medicine and Targeted Therapeutics, UH

Ioannis Pavlidis, Eckhard Pfeiffer Professor, Director, Computational Physiology Lab, Department of Computer Science, UH

2:30 PM Networking Break
3:00 PM  Structural genome variation, cancer, and personal genomics
Introduction: David Tweardy, Professor of Medicine, Chair, ad interim, Department of Medicine, Chief, Section of Infectious Diseases, Chief, ad interim, Section of Immunology Allergy and Rheumatology, BCM
Aleksandar Milosavljevic, Associate Professor of Molecular and Human Genetics, BCM

3:30 PM  Exploiting Biological Networks for Identifying Drug Targets and Understanding Genetic Causes of Disease
Introduction: Sallie Keller-McNulty, William and Stephanie Sick Dean of Engineering, Professor of Statistics, George R. Brown School of Engineering, RU
Luay Nakhleh, Assistant Professor, Department of Computer Science, RU

4:00 PM  Information Challenges to Personalized Medicine
Introduction: Jack Smith, Dean, School of Health Information Sciences, UTHSC-H
Elmer Bernstam, Associate Professor, School of Health Information Sciences and General Internal Medicine, UTHSC-H

4:30 PM  Where do we go from here?
Peter Davies, Executive Vice President, Research, UTHSC-H

5:00 PM  Reception