INSTITUTE OF MEDICINE
OF THE NATIONAL ACADEMIES

Board on Health Sciences Policy | *Roundtable on Translating Genomic-Based Research for Health*

Establishing Precompetitive Collaborations to Stimulate Genomics Driven Drug Development: A Workshop

July 22, 2010

The Keck Center, Room 100
500 5th St., N.W.
Washington, DC 20001

MEETING OBJECTIVE

To explore relevant issues related to developing a cultural, legal, and behavioral framework of collaboration that enables biospecimen and data sharing.

- What are the critical factors necessary for a successful collaboration?
- What lessons can be learned from existing collaborations?
- What are the challenges that exist and potential ways to overcome them?

8:00 – 9:00 A.M. WORKING BREAKFAST

8:00 - 9:00 A.M. **Working Breakfast**

9:00 – 9:10 A.M. PUBLIC WORKSHOP BEGINS — Keck 100

9:00 – 9:10 A.M. **Welcome and Introductory Remarks**
Geoff Ginsburg, Director, Center for Genomic Medicine
Institute for Genomic Sciences & Policy, Duke University

9:10 – 9:55 A.M. EXTENDING THE SPECTRUM OF PRECOMPETITIVE ONCOLOGY BIOMEDICAL RESEARCH: A SUMMARY

Moderator: *Martha Turner, American Nurses Association*

9:10 – 9:35 A.M. **Lessons Learned**
Stephen Friend, President and CEO, Sage Bionetworks

9:35 – 9:55 A.M. **Discussion**

9:55 – 11:30 A.M. REQUISITES FOR SUCCESSFUL PRECOMPETITIVE COLLABORATION

Moderator: *Sharon Terry, Genetic Alliance*

9:55 – 10:15 A.M. **The Architecture of Collaboration**
William J. Spencer, Chairman Emeritus, SEMATECH

10:15 – 10:35 A.M. **Requisites from the Pharmaceutical Industry**
Aidan Power, Vice President and Global Head of Molecular Medicine, Pfizer, Inc.

10:35 – 10:50 A.M. BREAK

10:50 – 11:10 A.M. **Requisites from Diagnostic Companies**
Marcia Eisenberg, Sr. Vice President, LabCorp

11:10 – 11:30 A.M. **Requisites from Academia**
Neal Cohen, Vice Dean School of Medicine, Professor of Anesthesia and Perioperative Care and Medicine, Director of International Medical Services, UCSF

11:30 – 12:30 P.M. WORKING LUNCH

11:30 – 12:30 P.M. **Working Lunch**

12:30 – 2:05 P.M. FRAMEWORK OF COLLABORATIONS WITH THE PHARMACUETICAL INDUSTRY

Moderator: *Aidan Power, Pfizer, Inc.*

12:30 – 12:50 P.M. **Public-Private Partnerships with NIH/Government**
Thomas Insel, Director of the National Institute of Mental Health, NIH

12:50 – 1:10 P.M. **Advancing Technological Achievements through Collaboration**
Christopher Beecher, Research Professor, Michigan Center for Translational Pathology, University of Michigan

1:10 – 1:30 P.M. **Open Access Partnerships**
Aled Edwards, Director and CEO Structural Genomics Consortium; Professor. Department of Medical Biophysics, University of Toronto

1:30 – 1:50 P.M. **Access to large scale data networks**
Stephen Friend, President and CEO, Sage Bionetworks

1:50 – 2:05 P.M. BREAK

2:05 – 4:05 P.M. BIOSPECIMENS

Moderator: *Geoff Ginsburg, Duke University*

2:05 – 2:25 P.M. **Sustaining access to biospecimens**
Martin Yuille, Reader in Biobanking, Co-Director Centre for Integrated Genomic Medical Research, University of Manchester

2:25 – 2:45 P.M. **Developing common biorepository infrastructures**
Carolyn Compton, Director, Office of Biorepositories and Biospecimen Research (OBBR), National Cancer Institute

2:45 – 3:05 P.M. **Linking health outcomes data to biorepository samples**
Cynthia Helphingstine, President and CEO, Fairbanks Institute for Healthy Communities

3:05 – 3:25 P.M. **Creating a national virtual biospecimen bank**
Lorraine Q Frazier, Nancy B. Willerson Distinguished Professorship, Assistant Dean & Department Chair, Nursing Systems, Professor, Department of Nursing Systems, The University of Texas Health Science Center at Houston

3:25 – 3:45 P.M. **Opportunities and challenges of clinical and genetic data access in the pharmaceutical industry**
Sally John, Head of Human Genetics, Molecular Medicine, PharmaTherapeutics Research, Pfizer

3:45 – 4:05 P.M. **Ethical challenges for biospecimen and data sharing**
Ellen Wright Clayton, Rosalind E. Franklin Professor of Genetics and Health Policy; Director, Center for Biomedical Ethics and Society, Vanderbilt University

4:05 – 5:05 P.M.	**PANEL DISCUSSION**

4:05 - 5:05 P.M. **Panel Discussion: Developing a cultural, legal, and behavioral framework of collaboration that enables resource sharing in order to accelerate genomics-based drug/diagnostic product development**

Moderator: *Stephen Eck, Vice President, Translational Medicine & Pharmacogenomics, Eli Lilly and Company*

Panelists:

Ellen Wright Clayton, Rosalind E. Franklin Professor of Genetics and Health Policy; Director, Center for Biomedical Ethics and Society, Vanderbilt University
Kelly Edwards, Associate Professor Department of Bioethics and Humanities, University of Washington School of Medicine
Lorraine Q Frazier, Nancy B. Willerson Distinguished Professorship, Assistant Dean & Department Chair, Nursing Systems (Interim), Professor, Department of Nursing Systems, The University of Texas Health Science Center at Houston
Geoff Ginsburg, Director, Center for Genomic Medicine Institute for Genomic Sciences & Policy, Duke University
Garry Neil, Corporate Vice President, COSAT, Johnson & Johnson
William J. Spencer, Chairman Emeritus, SEMATECH
Sharon Terry, President and CEO, Genetic Alliance

5:05 – 5:30 P.M.	**Summary and Conclusions**

Geoff Ginsburg, Director, Center for Genomic Medicine Institute for Genomic Sciences & Policy, Duke University
Stephen Eck, Vice President, Translational Medicine & Pharmacogenomics, Eli Lilly and Company
Aidan Power, Vice President and Global Head of Molecular Medicine, Pfizer, Inc.
Sharon Terry, President and CEO, Genetic Alliance