Thursday, December 13

7:45 a.m. - 8:45 a.m.  
Registration and Continental Breakfast  
The Grand Ballroom, Royal Sonesta Hotel

8:45 a.m. - 12:00 p.m.  
Technological Innovation and Complex Biological Systems: An Overview
Anthony J. Sinskey, Sc.D., Professor of Microbiology, Department of Biology, MIT and Chairman of the Scientific Advisory Board, Program on the Pharmaceutical Industry and;  
Stan N. Finkelstein, M.D., Senior Research Scientist, and Co-Director, Program on the Pharmaceutical Industry, MIT Sloan School of Management

Technology Of The Future: Innovations In Identifying, Selecting And Exploiting Therapeutic Targets
Anthony J. Sinskey, Moderator

Genome-Wide Prediction of Signaling Pathways
Michael Yaffe, Ph.D., M.D., Assistant Professor of Biology, Department of Biology, MIT

Protein Microarrays and Functional Genomics: Multiplexing Analysis Strategy for Target Selection
Gavin MacBeath, Ph.D., CGR Research Fellow, Center for Genomics Research, Harvard University

Image Informatics for Drug Discovery and Target Identification
Peter K. Sorger, Ph.D., Associate Professor of Biology and Biological Engineering, Department of Biology, MIT

Integrated Chemical and Biological Microsystems for Discovery and Process Development
Klavs F. Jensen, Ph.D., Lammot du Pont Professor of Chemical Engineering and Professor of Materials Science and Engineering, Department of Chemical Engineering, MIT

12:30 p.m. - 1:30 p.m.  
Luncheon

1:30 p.m. - 5:00 p.m.  
From Molecule To Disease State: Innovative Models For Drug Development
Anthony J. Sinskey, Moderator

New Working Disease State Models for Computer-Aided Trial Design
Terrance F. Blaschke, M.D. Ph.D., Professor of Medicine and Molecular Pharmacology, Stanford University and Vice President, Collaborative Programs, Pharsight Corporation

OVER
Thursday, December 13
1:30p.m. - 5:00p.m.
(continued)

New Working Models for Clinical Trials of Complex, Therapeutically 
Difficult Diseases Advances in Molecular Oncology: New Pathways to 
Personalized Medicine

Advances in Molecular Oncology
John D. Haley, Ph.D., Senior Director of New Technology Development, 
OSI Pharmaceuticals, Inc.

Advances in Technology and the Treatment of Diabetes Mellitus
Alan C. Moses, M.D., Associate Professor of Medicine, Harvard Medical 
School and Medical Director, Joslin Clinic Division, Joslin Diabetes Center, 
Beth-Israel Deaconess Hospital

Advances in the Treatment of Infectious Diseases
Robert H. Rubin, M.D., Osborne Professor of Health Sciences and 
Technology and Director, Center for Experimental Pharmacology and 
Therapeutics, Harvard-MIT Division of Health Sciences and Technology; 
and Professor of Medicine and Associate Director for Infectious Disease, 
Brigham and Women's Hospital

5:00p.m. – 6:00p.m.
Reception

Friday, December 14
7:45a.m. – 8:30a.m.
Continental Breakfast

8:30a.m. – 12:30p.m.
Innovations In Outcomes Research
Thomas J. Allen, Ph.D., Moderator, Howard Johnson Professor of 
Management, MIT Sloan School of Management and Co-Director, Program 
on the Pharmaceutical Industry

Analyzing the Efficacy of Medical Practices for Depression: Using IT to 
Facilitate the Use of Retrospective Data Analysis
Stan N. Finkelstein, M.D.

Removing Selection Bias From Treatment Analysis Outcomes
William H. Crown, Ph.D., Vice President, Outcomes Research & 
Econometrics, the MEDSTAT Group

Caveats of Randomized Clinical Trials for Economic Analysis: Dealing 
With Tensions Over Drug Costs
Suzanne Wait, Ph.D., Associate Director of Outcomes Research, Bristol- 
Myers Squibb

FDA Perspectives on the Use of Non-Randomized Controlled Data in 
Evaluating Pharmaceuticals
Robert T. O’Neill, Ph.D., Director, Office of Biostatistics, Center for Drug 
Evaluation and Research, Food and Drug Administration

12:30p.m.
Adjournment

12:30p.m. – 1:30p.m.
Luncheon