

MEETING AGENDA
2004 DORIS DUKE CLINICAL SCIENTIST MEETING
March 18-21, 2004
Cold Spring Harbor Laboratory
Cold Spring Harbor, NY

Thursday, March 18

3:00 – 5:00 p.m. **Registration and Check In** (*Grace Auditorium Lobby*)

5:00 p.m. **Welcome** (*Grace Auditorium*)
Joan Spero
President
Doris Duke Charitable Foundation

5:00 – 8:00 p.m. **Bench to Bedside Forum and Cocktails**

Academic - Pharmaceutical Partnerships

Moderated by *Kenneth C. Anderson, M.D.*, DCSA, Dana-Farber
Cancer Institute/Harvard Medical School

Panel:

Julian Adams, Ph.D., Chief Scientific Officer, Infinity
Pharmaceuticals, Inc

Robert M. Califf, M.D., SAC, Duke University Medical Center

Anthony A. del Campo, M.B.A., Vice President, Office of Research
and Technology Ventures, Dana-Farber Cancer Institute

Brian Druker, M.D., DCSA, Oregon Health Sciences University

Diane K. Jorkasky, M.D., F.A.C.P., Vice-President, Global
Clinical Sciences Department, Pfizer Global Research and
Development

Paul Ridker, M.D., M.P.H., DCSA, Brigham & Women's Hospital

George D. Yancopoulos, M.D., Ph.D., Executive Vice President,
President of Regeneron Research Laboratories and
Chief Scientific Officer, Regeneron Pharmaceuticals, Inc.

8:00 – 9:00 p.m. **Dinner** (*Blackford Hall*)

Friday, March 19

- 7:30 – 8:30 a.m. **Breakfast** (*Blackford Hall*)
- 8:30 – 8:45 a.m. **Opening Remarks** (*Grace Auditorium*)
David G. Nathan, M.D.
Dana-Farber Cancer Institute / Harvard Medical School
Chair, Doris Duke Scientific Advisory Council
- 8:45 – 11:05 a.m. **Presentations by 2002 DDCF Distinguished Clinical Scientists**
Chairs: Mary-Claire King, Ph.D. and Judith L. Swain, M.D.
- 8:45 – 9:10 a.m. ***CHK2: A Common Low Penetrance Familial Breast Cancer Gene***
Daniel A. Haber, M.D., Ph.D.
Massachusetts General Hospital Cancer Center /
Harvard University
- 9:10 – 9:35 a.m. ***Plasma Proteomic Analysis for the Diagnosis of Acute GVHD***
James L. M. Ferrara, M.D.
University of Michigan Cancer Center
- 9:35 – 10:00 a.m. ***Genetics of PTEN in Syndrome Diagnosis and Predictive Testing***
Charis Eng, M.D., Ph.D., F.A.C.P.
The Ohio State University
- 10:00 – 10:15 a.m. **Break**
- 10:15 – 10:40 a.m. ***A Phase II Study to Determine the Cholesterol-Lowering Efficacy, Safety, and Tolerability of an MTP Inhibitor in Patients with Homozygous Familial Hypercholesterolemia***
Daniel J. Rader, M.D.
University of Pennsylvania School of Medicine
- 10:40 – 11:05 a.m. ***Clinical Translational Approaches to Therapy of Myeloid Blood Diseases***
D. Gary Gilliland, Ph.D., M.D.
Brigham and Women's Hospital / Harvard Medical School
- 11:05 – 12:00 noon **Keynote Presentation**
How to Solve a Scientific Problem: Hints from Stockholm and Broadway
Joseph L. Goldstein, M.D.
Professor and Chairman
Department of Molecular Genetics
University of Texas Southwestern Medical Center at Dallas

- 12:30 – 2:00 p.m. **Lunch** (*Blackford Hall*)
- 2:00 – 3:00 p.m. **Molecular Basis of Unique Disease Features**
Chairs: Nina Bhardwaj, M.D., Ph.D. and Alan M. Gewirtz, M.D.
- 2:00 – 2:20 p.m. ***The Airway Transcriptome as a Biomarker for Lung Cancer***
 Avrum E. Spira, M.D.
 Boston University Medical Center
- 2:20 – 2:40 p.m. ***Consumptive Hypothyroidism in Children with Infantile Hemangiomas, Hypothyroxinemia due to Ectopic D3 Expression***
 Stephen A. Huang, M.D.
 Children's Hospital Boston / Harvard Medical School
- 2:40 – 3:00 p.m. ***Preferential Induction of Nef-Specific CD8+ T Cell Responses in Primary HIV-1 Infection, Despite a Higher Degree of Genetic Diversity Compared to Subsequently Targeted Regions***
 Marcus Altfeld, M.D., Ph.D.
 Massachusetts General Hospital / Harvard Medical School
- 3:00 – 4:00 p.m. **Optimizing Clinical Practice**
Chairs: Nina Bhardwaj, M.D., Ph.D. and Paul Ridker, M.D., M.P.H.
- 3:00 – 3:20 p.m. ***The Effect of the Balanced Budget Act of 1997 on Process of Care for Patients with Acute Myocardial Infarction***
 Kevin G. Volpp, M.D., Ph.D.
 University of Pennsylvania School of Medicine /
 The Wharton School / Philadelphia VA Medical Center
- 3:20 – 3:30 p.m. ***Advancing the Quality of Medical Care by Creating an Infrastructure to Translate Clinical Prediction Models into Practice***
 John A. Spertus, M.D., M.P.H.
 University of Missouri, Kansas City School of Medicine /
 Mid America Heart Institute
- 3:40 – 4:00 p.m. ***Pre-Clinical Development of Intraoperative Near-Infrared Fluorescence Imaging for Cardiac and Cancer Surgeries***
 John V. Frangioni, M.D., Ph.D.
 Beth Israel Deaconess Medical Center / Harvard Medical School
- 4:30 – 6:30 p.m. **Poster Session – (Odd numbers)** (*Bush Lecture Hall*)
 (Informal - Wine and Cheese)

6:30 – 8:00 p.m. **Dinner and Speaker** (Blackford Hall – Mayr Dining Room)
Prospects for Progress in Cancer in the Genomic Age
Bruce Stillman, Ph.D., F.R.S.
Director, Cold Spring Harbor Laboratory

8:00 – 9:30 p.m. **Dessert and Breakout Discussion Groups** (Blackford Hall)

Balancing Career with Family (Racker Reading Room)

Dianna Milewicz, M.D.
DCSA, Professor & Vice Chair, Internal Medicine
Director, Division of Medical Genetics
University of Texas Health Science Center at Houston

Personal and Institutional Conflicts of Interest--Perception, Reality, and Regulation (Clarkson Dining Room)

Alan Fleischman, M.D.
Senior Vice President, The New York Academy of Medicine
Clinical Professor of Pediatrics and of Epidemiology and
Population Health, Albert Einstein College of Medicine

Creating an Academic Model for Public Private Collaboration
(Hotchkiss Dining Room)

Robert M. Califf, M.D.
SAC, Associate Vice Chancellor for Clinical Research
Director, Duke Clinical Research Institute
Duke University Medical Center

Saturday, March 20

7:30 – 8:30 a.m. **Breakfast** (Blackford Hall)

8:30 – 10:10 a.m. **Optimizing Therapy** (Grace Auditorium)
Chairs: Brian J. Druker, M.D. and Donald B. Kohn, M.D.

8:30 – 8:50 a.m. ***Molecular Basis of Heart Failure and Cardiac Arrhythmias***
Andrew R. Marks, M.D.
Columbia University College of Physicians & Surgeons

8:50 – 9:10 a.m. ***Proteasome Inhibitor Therapy of Multiple Myeloma***
Kenneth C. Anderson, M.D.
Dana-Farber Cancer Institute / Harvard Medical School

- 9:10 – 9:30 a.m. ***Manipulating the Local Tumor Microenvironment to Enhance Cancer Immunotherapy***
Howard L. Kaufman, M.D., F.A.C.S.
New York Presbyterian Hospital – Columbia University
- 9:30 – 9:50 a.m. ***Improving Immunotherapy Targeted at Subdominant Tumor Antigens***
Helen E. Heslop, M.D.
Baylor College of Medicine
- 9:50 – 10:10 a.m. ***The Impact of Early Highly Active Antiretroviral Therapy on the Resting CD4+ T-Cell Latent Reservoir in Children Treated During Primary HIV Infection***
Deborah Persaud, M.D.
Johns Hopkins University School of Medicine
- 10:10 – 10:30 a.m. **Break**
- 10:30 – 12:10 p.m. **Disease Genetics**
Chairs: Olufunmilayo I. Olopade, M.B.B.S. and Alan D'Andrea, M.D.
- 10:30 – 10:50 p.m. ***Identification of a Novel Serine-Threonine Kinase that Causes Inherited Thrombocytopenia of Human Chromosome 10***
Jonathan G. Drachman, M.D.
University of Washington School of Medicine
- 10:50 – 11:10 p.m. ***SEMA3E Mutation in a Patient CHARGE Syndrome***
Seema R. Lalani, M.D.
Baylor College of Medicine
- 11:10 – 11:30 p.m. ***Gene Interactions and Stroke Risk in Children with Sickle Cell Anemia***
Carolyn C. Hoppe, M.D.
Children's Hospital Oakland
- 11:30 – 11:50 p.m. ***Folic Acid Cycle Polymorphisms and Treatment Outcome Childhood ALL***
Richard Aplenc, M.D., M.S.C.E.
Children's Hospital of Philadelphia / University of Pennsylvania
- 11:50 – 12:10 p.m. ***Identification of the Transcriptional Co-Repressors TLE1 and TLE4 as Candidate Tumor Suppressor Genes in Del(9q) Acute Myeloid Leukemia***
David A. Sweetser, M.D., Ph.D.
Massachusetts General Hospital Cancer Center /
Harvard Medical School

- 12:30 – 2:00 p.m. **Lunch and Roundtable** (*Blackford Hall*)
- Stocking the Pipeline: An Update on the Doris Duke Clinical Research Fellowship Program***
Donald Landry, M.D., Ph.D.
Doris Duke Clinical Research Fellow Program Leader
The College of Physicians & Surgeons at Columbia University
- Karen Zier, Ph.D.
Doris Duke Clinical Research Fellow Program Leader
Mount Sinai School of Medicine
- Michael DeBaun, M.D.
Doris Duke Clinical Research Fellow Program Leader
Washington University School of Medicine in St. Louis
- 2:30 – 4:30 p.m. **Poster Session – (Even numbers)** (*Bush Lecture Hall*)
- 5:00 – 6:30 p.m. **Presentation** (*Grace Auditorium*)
- The NIH Road Map and Clinical Research***
Stephen E. Straus, M.D.
Director, Office of the Director
National Center for Complementary and Alternative Medicine
National Institutes of Health
- 7:00 – 8:15 p.m. **Dinner** (*Blackford Hall*)
- 8:30 - 9:30 p.m. **The New Jazz Composers Octet** (*Grace Auditorium*)
Leader: Xavier Davis
The Doris Duke Jazz Ensembles Project
DDCF Performing Arts Grantee Performance

Sunday, March 21

- 7:30 – 8:30 a.m. **Breakfast** (*Blackford Hall*)
- 8:30 – 10:00 a.m. **Clinical Interfaces: Tackling Questions Across Disciplines**
(*Grace Auditorium*)
- 8:30 – 8:35 a.m. **Introduction**
Chairs: Sylvie Le Blancq, Ph.D. and Charles Sawyers, M.D.
- 8:35 – 8:50 a.m. ***Development of a Molecular Imaging Program in Ovarian Cancer***
Michael V. Seiden, M.D., Ph.D.
Dana Farber/Harvard Cancer Center / Massachusetts General Hospital
- 8:50 – 9:05 a.m. ***Progenitor Cell Based Therapeutic Strategies for Atherosclerosis***
Pascal J. Goldschmidt, M.D.
Duke University
- 9:05 – 9:20 a.m. ***A Multidisciplinary Approach to Understanding the Role of Social, Economic, and Immunological Factors in Cervical Cancer: Defining Parameters for an Innovative Cancer Control Strategy***
Sue J. Goldie, M.D., M.P.H.
Harvard School of Public Health
- 9:20 – 9:35 a.m. ***A Humanoid Robot as an Interactive Diagnostic Device in Autism***
Brian M. Scassellati, Ph.D.
Yale University
- 9:35 – 10:00 a.m. ***Genomics-Based Approaches to New Pathogen Discovery in Chronic Human Diseases***
Donald E. Ganem, M.D., Ph.D.
HHMI / University of California, San Francisco
- 10:00 a.m. **Adjourn**