

*revised June 20, 2008*

**NATIONAL CANCER INSTITUTE**

**AGENDA**

**40<sup>th</sup> Regular Meeting of the  
BOARD OF SCIENTIFIC ADVISORS**

**Conference Room 10, Building 31C  
9000 Rockville Pike  
Bethesda, Maryland**

**June 23-24, 2008**

**Monday, 23 June 2008 - 8:00 a.m. to 5:30 p.m. - Open to the Public**

**8:00 a.m. - 8:05 a.m.**

Call to Order and Opening Remarks

Dr. Young

- < Consideration of March 2008 Minutes
- < Conflict of Interest
- < **Confirmed Future Meeting Dates**
  - November 6-7, 2008      Thursday, Friday
  - March 2-3, 2009        Monday, Tuesday
  - June 22-23, 2009      Monday, Tuesday
  - November 2-3, 2009    Monday, Tuesday
- < **To Be Confirmed**
  - March 8-9, 2010        Monday, Tuesday
  - June 28-29, 2010      Monday, Tuesday
  - November 1-2, 2010    Monday, Tuesday

**8:05 a.m. - 9:00 a.m.**

Report of the Director, NCI

Dr. Niederhuber

**9:00 a.m. - 9:15 a.m.**

NCI/Congressional Relations

Ms. Erickson

**9:15 a.m. - 9:30 a.m.**

Ongoing and New Business

Dr. Young

- < ASPO - NCI Listens Report      Dr. Strecher
- < TARGET Subcommittee Report    Dr. Smith
- < Other Issues

**9:30 a.m. - 9:40 a.m.**

Recognition of Departing Members

Dr. Niederhuber  
Dr. Young

**9:40 a.m. - 10:00 a.m.**

Coffee Break

**10:00 a.m. - 12:00 p.m.**

Status Report: Nanotechnology

- |   |                              |
|---|------------------------------|
| < Introductions   | Dr. Barker<br>Dr. Grodzinski |
| < Introduction and Status of the NCI Nanotechnology Alliance          | Dr. Rosen                    |
| < Novel Platform Nanotechnologies for New Cancer Interventions        | Dr. DeSimone                 |
| < Integrated Nanotechnologies for Imaging and Diagnostics             | Dr. Gambhir                  |
| < Multi-functional Nanotechnology Systems for Cancer Therapy          | Dr. Baker                    |
| < Leveraging Nanotechnology for Targeted Drug Delivery and Biosensing | Dr. Langer                   |
| < Summary   | Dr. Rosen                    |

**12:00 p.m. - 1:00 p.m.**

Working Lunch

Linked Investigator Research in Cancer Biology (PAR\*) Dr. Mohla

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**RFA\*\*/Coop. Agr\*\*\*/RFP\*\*\*\*\* New & Re-issue Concepts  
Presented by NCI Program Staff**

**1:00 p.m. - 1:45 p.m.**

**Division of Cancer Biology**

Erythropoietic Stimulating Agents (ESAs) and Tumor Growth (*RFA*) Dr. Mufson

**1:45 p.m. - 2:30 p.m.**

**Division of Cancer Control and Population Sciences**

Transdisciplinary Cancer Genomics Research: Translation of Genome-Wide Association Studies (*RFA/Coop. Agr.*) Dr. Seminara

**2:30 p.m. - 3:00 p.m.**

Cancer Care Outcomes Research and Surveillance  
Consortium (CanCORS) (*RFA Reissuance*)

Subcommittee  
Dr. Clauser

**3:00 p.m. - 3:20 p.m.**

Coffee Break

**3:20 p.m. - 3:50 p.m.**

Centers for Population Health and Health Disparities (CPHHD)  
(*RFA Reissuance*)

Subcommittee  
Dr. Srinivasan

**3:50 p.m. - 4:20 p.m.**

**Office of the Director**

Comprehensive Minority Institution Cancer Center  
Partnership (MI/CCP) (*Letter RFA Reissuance*)

Subcommittee  
Dr. Aguila

**4:20 p.m. - 4:50 p.m.**

**Division of Cancer Treatment and Diagnosis**

Cancer Disparities Research Partnership Program  
(*RFA/Coop. Agr. Reissuance*)

Subcommittee  
Dr. Coleman

**4:50 p.m. - 5:20 p.m.**

Pediatric Preclinical Testing Program  
(*RFA/Coop. Agr. Re-issuance*)

Subcommittee  
Dr. Smith

**5:20 p.m. - 5:50 p.m.**

**Division of Cancer Control and Population Sciences**

Replication and Fine-Mapping Studies for the Genes,  
Environment and Health Initiative (*RFA*)

Dr. Gillanders

**5:50 p.m.**

Adjournment

**Tuesday, 24 June - 8:30 a.m. - 12:00 noon - Open to the Public**

**8:30 a.m. - 10:00 a.m.**

Update: The Cancer Genome Atlas (TCGA)

- |  |             |
|--|-------------|
| < Introductions                                      | Dr. Barker  |
|  | Dr. Gerhard |
| < TCGA - Current Status                              | Dr. Lander  |
| < GBM and Genome Characterization                    | Dr. Brennan |
| < The GBM Epigenome                                  | Dr. Baylin  |
| < GBM Mutation Analysis and New Sequencing           | Dr. Wilson  |
| < The Challenge of Integrative Analysis Technologies | Dr. Perou   |
| < TCGA Summary of Progress                           | Dr. Lander  |

**10:00 a.m. - 10:20 a.m.**

Coffee Break

**10:20 a.m. - 11:50 a.m.**

Update: Integrative Cancer Biology Program (ICBP)

- |   |                   |
|---|-------------------|
| < Introductions   | Dr. Singer        |
|   | Dr. Gallahan      |
| < Modeling Molecular Diversity in Cancer  | Dr. Gray          |
| < Predictive Mathematical Models of Tumor Growth<br>in Distinct Microenvironments | Dr. Quaranta      |
| < Regulatory Networks in Cancer Initiation and<br>Progression                     | Dr. Lauffenburger |
| < Education, Training and Outreach in Integrative<br>Cancer Biology               | Dr. Estrada       |

**11:50 a.m.**

Adjournment

***\*Program Announcement with Special Review (PAR); \*\*Request for Application (RFA);  
\*\*\* Cooperative Agreement (Coop. Agr.); \*\*\*\*Request for Proposal (RFP)***