

Division of Cancer Biology

**Presentation to the NCI Special
Populations Networks
July 15, 2003**

Mission of DCB

- Facilitate investigator-initiated basic cancer-related research in the areas of molecular and cell biology, genetics, immunology, virology, and chemical carcinogenesis
- Encourage new investigators and new modes of cancer research
- Encourage translation of basic research findings
- Administer NCI-wide programs relevant to cancer biology

DCB Organization

- Office of the Director (Mouse Models of Human Cancer Consortium)
- Cancer Etiology Branch
- Cancer Biology Branch
- Cancer Immunology and Hematology Branch
- DNA and Chromosomal Aberrations Branch
- Structural Biology and Molecular Applications Branch
- Tumor Biology Branch

Facilitating Research

- Administer 2300 active research grants
- Attend reviews and advise applicants
- Provide supplements as needed to deal with emergencies and take advantage of opportunities
- Sponsor rare initiatives to encourage new research areas

Encouraging New Investigators and New Modes of Research

- Individual assistance for new (and not so new) applicants
- New Investigator Workshop
- Encouraging collaborations (APRC) and team science

Encouraging Translation of Basic Research

- We all have the same goal
- Sharing scientific highlights with other Divisions
- Facilitating connections for basic scientists with clinicians or companies

Administering NCI-Wide Programs

- Mouse Models of Human Cancer Consortium (MMHCC)
- Integrative Cancer Biology Programs
- NIGMS-NCI Beamline for X-ray Crystallography
- Studies of the Tumor Microenvironment