



# The Future of Cancer Research: Accelerating Scientific Innovation

## MEETING DATES

September 22, 2010

October 26, 2010

December 14, 2010

February 1, 2011

## BACKGROUND

- The year 2011 marks the 40<sup>th</sup> anniversary of the National Cancer Act of 1971 and the creation of the National Cancer Program (NCP).
- This anniversary is an excellent time to take stock of the past 40 years of cancer research, and it also provides an opportunity to explore potential future enhancements to the NCP.
- Advances in biomedical science, such as the sequencing of the human genome, combined with the benefits of the technological revolution, such as the development of the internet, have provided opportunities for increasingly efficient methods of research.
- These same biomedical and technological advances have raised medical, ethical, and legal issues that must be addressed as we progress toward a new vision of cancer research.

## POTENTIAL PARTICIPANTS

Health Care Experts  
Biomedical Scientists  
Government Representatives  
Computer Scientists  
Social and Behavioral Scientists

Cancer-Related Organization Representatives  
Bioethicists  
Advocates  
Public Health Professionals  
Pharmaceutical and Biotechnology Industry Representatives

## QUESTIONS FOR EXPLORATION

- How has the cancer research and advocacy landscape changed since 1971?
- What is the vision of the course of cancer research in the next 15 years and what new models of research, collaboration, communication, and funding are needed to achieve this vision of future cancer research?
- How can transformative change be promoted from within the National Cancer Program?
- How can we harness the incredible results of the technological revolution to speed us towards a new horizon of cancer research?
- What technologies not currently contemplated for use in cancer research might have application to research on cancer prevention, causation, and care and how can they be best utilized?
- What new collaborations are necessary to apply such technologies to cancer research and how can they best be developed?
- What new medical, ethical and legal issues will be encountered as we progress into a new era of science?
- What barriers (e.g., money, workforce/training issues) must be overcome to advance to a new era of cancer research and how can they be surmounted?

## CONTACT INFORMATION

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*Meetings of the Panel are open to the public; no registration is required.*