

National Cancer Informatics Program Kickoff Meeting

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Objectives of this Meeting

- Launch the new National Cancer Informatics Program (NCIP)
- Start the discussions on:
 - Current and future needs for biomedical informatics capabilities in cancer biology and clinical and translational research
 - Current and future needs for interoperability technology (including vocabularies, data elements and data standards)
 - Governance of a program that will fulfill scientific needs
- Create a set of working groups that will study these questions in more detail
- Above all, be forward thinking about ways to make informatics support research!

Framing the Discussion

Four Categories of Support

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- Interoperability to Support Data Sharing
 - Vocabularies
 - Common Data Elements
 - Data Standards
 - Technical specifications
 - Core biomedical informatics applications
 - Security
- Biomedical Informatics Research and Development
 - Creation of the next generation of biomedical informatics algorithms, statistical methods and tools, etc.
 - Focus on solving specific problems that develop in specific laboratory or clinical trial settings.

Four Categories of Support

- *In silico* research
 - Scientific research that uses computational rather than experimental methods.
- Education and Training
 - Training grants to develop the next generation of biomedical informatics professionals
 - But also including training support to assist researchers and clinicians to become “informatics savvy”, even if they do not become full-fledged biomedical informatics professionals

Today's Sessions

- Three major sessions
 - Genomics and Cancer Biology
 - Clinical and Translational Research
 - Interoperability and Data Standards
- Each Session:
 - 1 hour 45 minutes
 - 4 members of the community have been asked to give brief (5-10 minutes) presentations to help frame the topic
 - The rest of the time is set aside for discussion
- A full and open discussion is our goal!