OBJECTIVES

Thank you for attending the workshop focusing on applications of clinical genomic information and the standards and capability required to leverage the data most effectively.

Our overall goal is to enable information exchange relevant to clinical research and health care applications to support broad needs. To that end, standards and data architectures that support these cross-applications of information are the focus of our work in this workshop.

For the discussion over the course of the day, consider the following questions:

- Clinical genomics information is being applied more broadly than the expertise of one individual or organization (i.e., biomarker validation, clinical trials, product safety, etc.). What are the common grounds for data exchange among these broad applications, where is it being done well, and what additional work is needed to facilitate data integration to support these needs?
- What applications are being implemented in the 3-year timeframe? Who are the user communities for the data?
- Is there sufficient consensus on data standards for portions of the process of generating and exchanging clinical genomic information to proceed with a standards harmonization process?
- What are the domains and workflow processes that require standards development?
- How can we leverage the current clinical research activity at the Healthcare Information Technology Standards Panel for standards harmonization and interoperability specifications to enable broad use of clinical genomic information?
- What areas of clinical genomic information can standards development organizations work on in this timeframe (next 3 years) that will have an impact on both clinical research and clinical care delivery?