

ICR Grand Rounds Seminar

“Building Informatic Tools for Translational and Personalized Medicine: The critical role of Pathologist”

Learning Objectives...

Those attending this presentation will receive educational information and be exposed to the following ideas and concepts to:

- 1) **Understand the critical role of Pathology in building tools for personalized and translational medicine.**
- 2) **Understanding the importance of the Pathology Laboratory Information Systems in providing rich data sources for personalized medicine.**
- 3) **Role of Informatics in Biobanking.**
- 4) **The development and use of cancer specific databases.**
- 5) **New and emerging technologies such as digital imaging and image analysis to enhance translational research and personalized medicine.**

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**Date: Wednesday
December 4, 2013**

Time: 12:00 to 1:00 pm

Location: LIB-110

Lunch will be provided on first come basis.

Presentations Relation to the Subject of Cancer... This presentation will focus on an overview of pathology workflow and new and emerging tools that are enablers of cancer research and provide value to oncologists and cancer care teams. These tools include quality-controlled, well-annotated biorepository to support translational research and rich and accurate data integrated from clinical, pathological, and molecular systems. Other tools such as digital pathology have a potential to impact the treatment of cancer patient by providing rapid and accurate diagnosis and collaborative efforts to seek consultation.