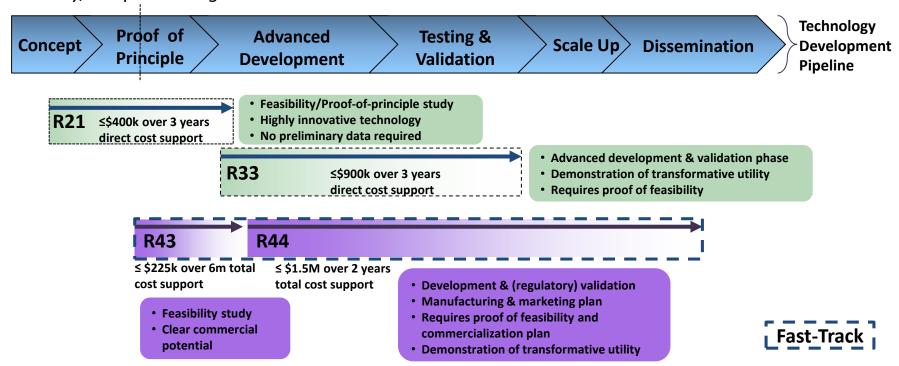
## Innovative Molecular Analysis Technologies (IMAT) Program



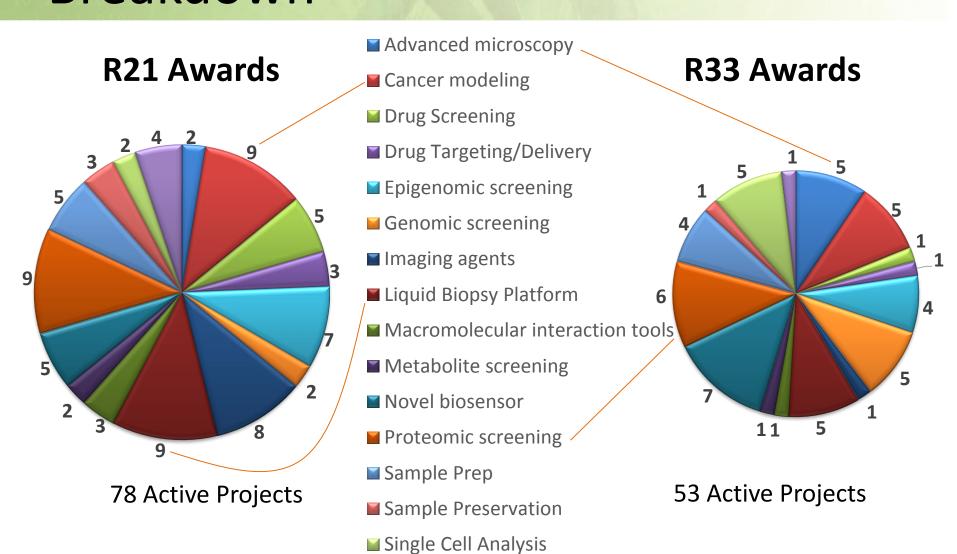
#### **Program Mission:**

To support the development, maturation, and dissemination of novel and potentially transformative next-generation technologies through an approach of balanced but targeted innovation in support of clinical, laboratory, or epidemiological research on cancer.



# Active IMAT Portfolio Breakdown





■ Transcription screening

## IMAT-ITCR Collaboration Opportunities



### Scientific tool priorities

- Tumorigenicity (esp. interactome/pathway analyses)
- Tumor heterogeneity (esp. pairing imaging and molecular profiling with single-cell resolution)
- Leverage existing NCI efforts, prioritize translation efforts with clinical potential
- More sophisticated statistical methods for biomarker discovery

## Targeted challenges

- Opportunities for repurposing tools
- Improving awareness of existing efforts
- Identifying appropriate support mechanisms
- Organize future discussions around technologies rather than scientific need to identify pilot projects