

2022-11-4 Executive Team Meeting Notes

Date

02 Sep 2022

Attendees

Committee Member	Present	Absent
Kuffel, Gina (NIH/NCI) [C]	X	
Unknown User (leblancak)	X	
Otridge, John (NIH/NCI) [C]	X	
Kim, Erika (NIH/NCI) [E]		X
Sommers, Connie (NIH/NCI) [E]	X	
Debbie Knapp	X	
Toby Hecht	X	
Unknown User (parchmentr)	X	

Goals

- Discuss updates to ICDC and define emerging strategies and priorities

SharePoint Site

<https://nih.sharepoint.com/sites/NCI-CBIIT-FNL-ICDC-ICDCLeadershipGroups>

Outstanding Action Items

- ☒ [Unknown User \(parchmentr\)](#) to add agenda item to ICDC Steering Committee to propose inviting selected PRECINCT members to the SC.

Agenda

Item	Who	Talking Points
ICDC Application Updates	Kuffel, Gina (NIH/NCI) [C]	<ul style="list-style-type: none">• Q4 Software Release on October 25th<ul style="list-style-type: none">◦ Multi-file select for JBrowse◦ Elasticsearch◦ Data Model Explorer<ul style="list-style-type: none">▪ TSV & JSON downloads of controlled vocabularies for properties with enumerated values▪ Node-specific tsv downloads▪ Faceted search augmented to include props featured on the UI▪ File transfer manifest to enable seamless file hand-offs
DGAB Updates	Kuffel, Gina (NIH/NCI) [C]	<ul style="list-style-type: none">• DGAB met with submitters from Iowa State for Tissues & Organoid data submission request• 33 TB of data are now available in ICDC (five-fold increase since January)• TCL01: A multi-omics analysis of canine cancer cell lines<ul style="list-style-type: none">◦ Testing complete◦ Waiting on 6 study-level files• PRECINCT has used templates available from the ICDC Data Model Explorer (DME) for the first ever load of a study via submitter-generated loading files<ul style="list-style-type: none">◦ Data includes program, study, and and complete case records.◦ No sample records or files derived from samples yet.

BPSC Updates	Kuffel, Gina (NIH /NCI) [C]	<ul style="list-style-type: none"> • 2022 BPSC Review Article <ul style="list-style-type: none"> ◦ Outline completed ◦ Section drafts are completed ◦ Cheryl London is in the process of editing
October Steering Committee Updates	Unknown User (parchmentr)	<ul style="list-style-type: none"> • Minutes to be posted • Next meeting is November 16th
ICDC Next Phase Planning	Unknown User (hechtt)	<ul style="list-style-type: none"> • Request for Information (RFI) has been issued • RFI has been promoted through the following channels <ul style="list-style-type: none"> ◦ Twitter <ul style="list-style-type: none"> ▪ NCIDataSci ▪ Sloan ▪ Kerlavage ◦ CRDC site ◦ CBIIT site • 2 focus groups met <ul style="list-style-type: none"> ◦ Ideas from the ICDC brainstorming sessions final.docx

Minutes (Not Verbatim)

TH - Circulating tumor DNA is a strong candidate for the next phase of the ICDC.

CS - There is a grant under the mammalian models from Cheryl London and co.

Previous ICDC Use Cases from Steering Committee

1. Genomic correlates across platforms (DNA, RNA, protein).
2. Correlating multi-omics data with clinical annotation and phenotypes, particularly outcomes.
3. Comparative analyses of canine and human. Examples include:
 1. Search for conserved mutations between canine and human tumors
 2. Disease diagnosis (e.g. cancer type) and classification mapping between canines and humans
 5. Gene expression changes and mutational profiles associated with therapeutic response and outcome
 6. How do sporadic tumors in non-human mammals compare to sporadic human tumors?
 7. Correlations and model building from radiomic and pathomic features extracted from medical and histopathologic images with outcomes and genomics, as is currently being widely done with human images
 8. Develop biomarkers of response and resistance in humans by analyzing the responses and genomic signatures in dogs.

Previous Meeting Minutes (Not Verbatim)

TH - Will the PRECINCT program name remain the same, the reference is not indicative of the personnel or timeframes

CS - Maintaining an all-inclusive approach is the recommendation.

TH - Should we invite new PRECINCT members to the ICDC SC meeting? Previously we had Renee and Cheryl. Debbie is a constant and new awardee. People with database experience may be valuable to have.

CS - Jaime Modiano would be a good fit.

AL - Well-connected, asks great question, very introspective, good choice to invite Modiano.

CS - Other candidates would be David, Paul, Nikki, not sure of database experience.

TH - RFI response from Germany requesting circulating tumor cell data.

Action items