

2024-2-2 Executive Team Meeting Notes

Date

02 Feb 2024

Attendees

Committee Member	Present	Absent
Kuffel, Gina (NIH/NCI) [C]	X	
Amy Leblanc		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	
Ralph Parchment	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

- ☐ Revisit new steering committee members in September (loop Connie into this discussion)
- ☐ Toby to invite Greg from CCDI to the next Executive Team Meeting in January
- ☐ Toby to look across the NCI directory to find person that has a combination of canine and pediatric oncology background

Agenda

Item	Who	Talking Points
New Steering Committee Members		
Post Discussion about FidoCure	All	<ul style="list-style-type: none">• Not clear if we really can have a successful collaboration, however we have let them know if they can find a way to work with us that the ICDC would be interested.• Their public data is a candidate for the ICDC• They are interested in correlating data with biomarkers and that is an area of interest for the ICDC• Work instead with peer reviewed and published scientists that use FidoCure data• Their data may not be useful to predict outcomes

<p>New ICDC Working Group: Longitudinal Data Acquisition and Use Working Group (LDAUWG)</p> <p>Purpose: Formulate scientific questions and use cases that can be used to interrogate longitudinal datasets that would justify the ingestion of such data into the ICDC.</p>	All	<ul style="list-style-type: none"> • New ICDC 1-pager • First meeting is scheduled for Friday March 1st
DGAB Updates	Kuffel, Gina (NIH /NCI) [C]	<p>ICDC Studies in Active Submission</p> <ul style="list-style-type: none"> • COTC021 <ul style="list-style-type: none"> ◦ "Evaluation of Orally Administered mTOR inhibitor Rapamycin in Dogs in the Adjuvant Setting with Osteosarcoma" ◦ Dr. Amy LeBlanc ◦ Status: Files have been transferred, but they are not in the requested format • UBC03 <ul style="list-style-type: none"> ◦ "Transcriptomic analyses of early stage bladder cancer in Scottish Terriers detected through screening" ◦ Dr. Debbie Knapp ◦ Status: Metadata transfer is in progress • OSA02 <ul style="list-style-type: none"> ◦ "Immune Pathways and TP53 missense mutations are associated with longer survival in canine osteosarcoma" ◦ Dr. Dawn Duval ◦ Status: Files and metadata have been received and are in review
ICDC Biospecimen Data	Kuffel, Gina (NIH /NCI) [C]	<ul style="list-style-type: none"> • Collect biospecimen data so that we can build a page in the ICDC application • ICDC Biospecimen Data
Upcoming Steering Committee Meeting	Ralph Parchment	<ul style="list-style-type: none"> • February meeting: Tuesday February 20th • The minutes can be reviewed in the meeting invite

Minutes (Not Verbatim)

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.

Action items

- ☒ John to get disease areas from Sam V.

- ☐ Toby to reach out to Adam Resnick to gauge interest in joining the Subcommittee
- ☐ [Kuffel, Gina \(NIH/NCI\) \[C\]](#) to work with Ralph to get the letters prepared for the new SC members
- ☐ [Kuffel, Gina \(NIH/NCI\) \[C\]](#) to build list of studies that used FidoCure data