

RTI Breakout - 9/23/19

Co-chairs: Richard Conroy, Ananda Roy

Notetakers: Dena Procaccini

Attendees (please list): Richard, Dena, Ananda, Jamie, Sean, Yousef, Neil, Nico, Ken

Suggested Agenda:

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Notes:

September 23, 2109 – RTI breakout

Richard – thanks for coming! Things are mostly works in progress. Been trying to get everyone on the same page.

Please look over the policies and let us know if you have any concerns with the DUAs and MTAs – sign of by the end of the calendar year.

We use a lot of different ways to disseminate information – SC, webinar series, run a number of workgroup meetings that we encourage you to participate. We appreciate the potential for information overload. If you have too many meetings, let us know.

Don't be afraid to delegate – not everyone has to be on all the calls.

You guys probably would be interested in the TTDC calls – many practical discussions

Once you are onboarded you can choose which mailing lists you want to be part of

We have a Slack channel you can join as well

Some folks are very active, some not so much – best way to get someone is email

Keep stuff on Google drive – everything is in there

We'll need google account from you

Have a calendar – you will be able to get through everything once you are onboarded you can get to the calendar

GitHub, Asana to keep track of what the groups are doing – populated with milestones and objectives

Good way to understand what each of the projects are doing.

Please publish your protocols at protocols.io. When you publish your data to the HIVE, we'll expect that your protocol has been posted there

Ways to make sure the data that gets submitted is open and transparent

Working through the details right now

Ananda – things we the CF look for – your individual success is less important than the success of the Consortium. Have to think about how we are going to function together.

We have an external component as how we interact with the community – what are the deliverables?

Lots of times the consortium has done great things, but they don't know about it, so not a success.

Very complex and prestigious program here, and we need to keep that in mind.

Richard – 3 of the 4 RTIs are pilot projects. We feel the three offer unique capabilities to the consortium

We'll ask for an inter-progress report in January-ish that will help us decide if there are second/third years.

(5 month milestones are what you should be thinking about)

5 Workgroups, and 4 data release team – sequencing, microscopy, mass spec, data portal

Short term workgroups focused on how we're going to make the data. How it's generated and then sent to the IEC. Encourage everyone to get involved in a DRT

Very interested in how our data relates to other programs.

One of the key things is for the various programs that are focused on diseases – how do they compare to ours?

In the next couple years we'll have an initiative to combine everything.

Encourage all of you to appoint a Project Manager to interact for day to day questions – if you have one, let Dena/Robin know. ID the role of everyone

Don't have a lot of decisions that have to be made – try to make it through consensus -discuss at SC

If can't do it through consensus, we'll vote on it. Every consortium gets one vote

Ananda – many of you have been involved in consortia – we are a little different. Lots of NIH involvement. Good for you to find groups to collaborate with. Always good to collaborate with other groups in the consortium

Richard – we have a programmatic interested in how you're doing – the contributions have to make it more than the some of its parts – make it clear why we didn't just fund a bunch of R01s

There will be a bureaucratic burden, but we'd like to think you will see the advantages of working together.

Our last meeting got us the Marker Paper, we'd always like to have something at the end of it

You guys are the start of the scale-up phase. We'll get more money for the next three years for scale up and production.

5-7 are the data generating years

8 year we'll find a way to sustain what's been done.

There will be other FOAs you can apply to

Need to think about the rigor and reproducibility, want to study inter-individual variability, but getting the IRB approval for that can be challenging.

Sex as a biological variable is the first priority, age the second, (we don't deal with development 10 years- older), race/ethnicity

Are there multiple centers doing the same tissue?

Nolan/Snyder – colon

Long Cai – endothelial system

Zhang – kidney lung

Vanderbilt – kidney

Florida – thymus, lymph nodes, spleen

Neil and Jim will provide high quality antibody reagents for everyone

Funded a supplement to UWash to work with IIAM (an Organ Procurement Organization)

43 of them across the country, two umbrella groups that coordinate the interactions

Working with IIAM to standardize our data collection

Something that's missing is tracking multiple organs from one individual

Will start to look like a tissue core. Better to have the experts do the tissue collection.

The order you collect the tissues becomes important

Also get tissues from surgeries, organ transplants, and autopsies

Need common information how we got the tissues and how we collected the information

Trying to capture that metadata – but have to maximize the quality of the tissues we have to live with

Reasonably comfortable on the data analysis of sequencing

Imaging is a bit like the wild west. We understand that but can't have all the fields for all the approaches.

Common binders for many technologies - binders for the tissues, do we have that?

No

Well, there's our in.

We have three projects doing CODEX, it will be great if you can work with them

What binders are actually binding to, that's what we'd like to get too.

Different proteoforms, splice variants, all kinds of good stuff we should be thinking about

Be very important for the people who are using the antibodies to have a common set.

Later today, we'll have the round robin of talking to other groups – you will be talking to the IEC for some part of that

Pondering a proteomics workshop next year, this will be important to have you guys help to plan that meeting.