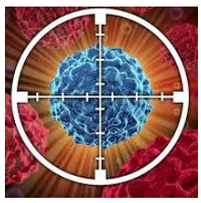
You are Invited to an Interactive
Virtual MicroLab on Cancer Challenges and Advanced Computing
September 25, 2019, 3:00 – 4:30 PM ET



What: **2nd Online MicroLab on Cancer Challenges and Advanced Computing!**
A MicroLab is a 60-90 minute, highly interactive virtual event. Unlike webinars which are focused on disseminating information, MicroLabs facilitate stimulating scientific discussions in smaller, more intimate virtual breakout groups. ***NO TRAVEL REQUIRED!***

Who: **The *Envisioning Computational Innovations for Cancer Challenges (ECICC) Community***

- **Clinicians, researchers, and academics in cancer and computational sciences representing over 50 organizations!**

When: **September 25, 2019, 3:00 – 4:30 PM ET via Zoom (online meeting room)**

How it WORKS

- ***Work in small, multi-disciplinary teams in virtual breakout groups***
- ***Create new use cases based on the persona of your choice***
- ***Help shape future research in computational oncology!***

Focus: Building on the breakout discussions from the 1st MicroLab (held June 11, 2019), participants will develop use cases based on the 4 cancer challenge areas identified at the *ECICC Scoping Meeting* (held in March 2019):

- ***Generating Large-Scale Synthetic Data to Protect Personally Identifiable Information***
- ***Using Machine Learning for Iterative Hypothesis Generation***
- ***Creating a Cancer Patient "Digital Twin" to Optimize Personalized Treatment Decision-Making***
- ***Developing Adaptive Cancer Treatments Targeting Unique Tumor Characteristics & Trajectories***

Outcome: Participants will:

- Develop a use case and identify the critical next steps that will help shape future research in computational oncology; and
- Expand their own research network

Presenters Include (partial list):

- ***Generating Large-Scale Synthetic Data to protect Personally Identifiable Information***
  - **Nick Anderson, University of California, Davis**
  - **Bill Richards, Brigham And Women's Hospital / Harvard University**
- ***Using Machine Learning for Iterative Hypothesis Generation***
  - **Amber Simpson, Queen's University**
- ***Creating a Cancer Patient "Digital Twin" to optimize personalized treatment decision-making***
  - **Tina Hernandez-Boussard, Stanford University**
  - **Paul Macklin, Indiana University**
- ***Developing Adaptive Cancer Treatments targeting unique tumor characteristics and trajectories***
  - **John McPherson, University of California, Davis**

Register Now! ***Register Today!*** A confirmation email containing additional information will be provided to all who register.

Action Ideas, Resources & Discussion Notes from the First MicroLab (June 2019) are posted on the ECICC Hub site. Add your comments to the Editable Google docs!

Please forward this invitation to colleagues who may be interested!

Join the Online Community! For more information about the ECICC Community visit:
https://nciphub.org/groups/cicc

Questions? Contact ECICCcommunity@nih.gov

JOIN US