

**Early
Detection
Research
Network**

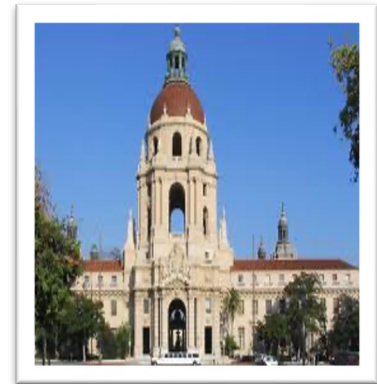


**Biomarkers AI and Bioinformatics Workshop
Planning
Meeting #3**

February 26, 2024



Hold a three-day workshop followed by a hackathon at Caltech in Spring/Summer 2024 to gather researchers, practitioners, and experts in cancer science, informatics and related fields, particularly at the intersection of biomarkers and AI.



Through a series of keynotes, contributed talks, and extensive discussions around use cases, needs, and capabilities, develop recommendations for the next few years to support advancement and application of data-driven approaches to cancer biomarker research leveraging datasets from the EDRN and related consortiums.

August 13-15, 2024

Proposed Tasks

1. Agree on goals and purpose – [Meeting #1](#) (November 3, 2023) (Done)
2. Agree on high level sessions – [Meeting #1](#)(November 3, 2023). (Done)
3. Workshop write up –Google document distributed. (Done)
4. Identify additional program committee members (Done)
5. Identify dates for the workshop which includes ensuring Caltech facilities are open – (Done)
6. Setup website on EDRN portal – (Done)
7. Distribute invitation and call for posters – Late February
Review Today!
8. Assign program committee members to – Meeting #4 (TBD)
 - Chair sessions
 - Chair posters
 - Organize the hack-a-thon
9. Venue – meals and support Meeting #4
10. Build schedule and identify key speakers – Meeting #5 (TBD)

Website Review

<https://edrn.nci.nih.gov/news-and-events/upcoming-meetings/ai-bioinformatics-workshop/>

Hack-a-thon

Leverage data captured from EDRN along with public datasets.

Include ideation/brainstorming about combining diverse datasets for specific big questions that may have been considered out of reach just a few years ago.

Include bioinformatics and AI/ML experts PIs, junior investigators and all those interested in learning more about the application and use of various bioinformatics and AI/ML tools and methods to cancer biomarker research.

Explore use of synthetic data and ML foundation models