ASHG 2020 TOPMed Ancillary Session

Updated 10/28/2020

Join the NHLBI TOPMed program for an Ancillary Session at [American Society of Human Genetics (ASHG) Virtual Meeting 2020](#) [1] to learn how TOPMed data and resources can advance your science!

What

This session will give an overview of large-scale data and resources from the NHLBI Trans-Omics in Precision Medicine (TOPMed) program. TOPMed's data includes whole genome sequence (WGS) from 140K genetically diverse and deeply phenotyped participants (20K more forthcoming) across 70+ studies that are currently available to the scientific community. Additionally, multi-omic data (RNAseq, DNA methylation, metabolomics) are currently being generated on over 100K TOPMed participants with WGS data. The session will also describe publicly available informatics resources including the BRAVO variant server and TOPMed imputation server. We will introduce NHLBI BioData Catalyst, a new cloud-based platform to securely store, share, and analyze data from TOPMed and other large-scale biomedical initiatives at scale, providing tools for genetic association testing, exploring variant annotation, and harmonizing phenotype data.

When

This event has passed. Presentations were given on Monday, October 26th, 11:00am-12:30 pm Eastern.

Presentation

Slides

- [NHLBI](#) [2]
- [TOPMed DCC](#) [3]
- [TOPMed IRC](#) [4]
- [NHLBI BioData Catalyst](#) [5]

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pdf [4] https://topmed.nhlbi.nih.gov/sites/default/files/Genomic%20Variation%20in%20TOPMed%20-%20IRC.pdf [5] https://topmed.nhlbi.nih.gov/sites/default/files/NHLBI%20BioData%20Catalyst%3A%20Focusing%20on%20Users%20-%20BDCat.pdf