GENOTYPE TISSUE EXPRESSION PROJECT

GTEx

COMMUNITY MEETING • 2017

JUNE 28, 2017

Main meeting 8:30 AM – 5:00 PM

Poster reception 5:00 – 7:00 PM

Hilton Washington, DC/Rockville
Hotel & Executive Meeting Center
Rockville, MD

Registration is open. Sign up today!

Abstracts due June 15, 2017.

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The **Genotype Tissue Expression project (GTEx)** has created a comprehensive public atlas of gene expression and genetic regulation across multiple human tissues. The resource provides valuable insights into the tissue-specific mechanisms of gene regulation, enabling studies of expression quantitative trait loci (eQTLs) and alternative splicing, as well as enhancing the interpretation of genome-wide association studies and disease mechanisms.

The GTEx project has completed sample collection from 960 donors, and is preparing a final data and analysis release that will extend the RNA sequenced dataset to around 18–20K samples from ~45 different tissue types. Whole Exome and Whole Genome sequence data will be available for all donors.

The GTEx Community meeting has been an annual event that is open to the scientific community interested in learning more about the project and data, and/or scientists who are already using the data in their research. Prior meetings have been held at the Broad Institute (2014), the University of Chicago (2015), at Stanford University (2016), and in Barcelona, Spain (April, 2017), attracting a community of scientists from all over the world who are using or who plan to benefit from using the GTEx data.

With data generation nearing an end, this will be the final community meeting of the project. The meeting will highlight the final dataset and data types available, the tools and methods developed to analyze these data, and the wide range of analyses, studies and insights gained from using the data. The relationship of the project to large scale projects and datasets, such as ENCODE, GWAS, BluePrint, FANTOM and other cancer projects will be highlighted, and strong emphasis will be placed on showcasing a range of scientific presentations that use GTEx data. We encourage your participation and submission of abstracts for talks or posters!