



## GTEX Investigator Steering Committee Meeting

THURSDAY, DECEMBER 3RD, 2015

*Hyatt Regency Bethesda.  
One Bethesda Metro Center (7400 Wisconsin Ave)  
Bethesda, MD 20814*

### AGENDA

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*All main sessions will be held in the Chesapeake Suites.*

8:00 a.m. – 8:30 a.m. **Registration**

8:30 a.m. – 8:45 a.m. Welcome, opening remarks, & announcements

#### **Project operations, summaries & updates**

##### *Recruitment and donor updates*

8:45 a.m. Delivering Quality Tissues for GTEX: Status Update

*Abhi Rao*

9:05 a.m. ENCODE and GTEX Phase III Collections

*Jeff Thomas*

9:15 a.m. The Comprehensive Biospecimen Resource

*Scott Jewel*

9:25 a.m. GTEX ELSI Project & Community Engagement Update

*Laura Siminoff*

9:55 a.m. Laser Capture Microdissection as a Remedy for Molecular Data Bias:  
Workflow and Protocol Development for PAXgene GTEX Tissues

*Y. Golubeva, K. Ardlie*

10:25 a.m. Molecular data update

*LDACC*

10:55 a.m. – 11:15 a.m. **Break**

#### **GTEX Analyses**

##### *Analysis Working Group – highlights from mid-point data analyses*

11:15 a.m. From causal eQTL variants to GWAS interpretation: using GTEX data to  
understand disease biology

*M. Dermitzakis, A. Brown*

11:35 a.m. Update on trans-eQTLs in GTEX

*Barbara Engelhardt*

11:55 a.m. PrediXcan X BioVU

*Nancy Cox*

12:15 p.m. GWAS-eQTL enrichment analysis across multiple GTEX tissues sheds  
light on the underlying biology of complex diseases

*Ayellet Segre*

##### *eGTEX updates*

12:35 p.m. Measuring telomere length across many tissues

*Brandon Pierce*

12:45 p.m. – 2:00 p.m. **Lunch on own**

**GTEX Analyses (continued)**

*Gender Analyses of GTEx data*

2:00 p.m. Introduction & manuscript update

*Barbara Stranger*

2:05 p.m. Differential expression between genders

*Francois Aguet*

2:15 p.m. Transcriptomic effects of endocrine signaling: communication across tissues

*Princy Parsana*

2:25 p.m. Sex-specific co-expression networks

*Barbara Engelhardt*

2:35 p.m. Sex-biased Genetic Architecture of the Human Transcriptome

*Barbara Stranger*

2:45 p.m. Display tool for sex-biased eQTLs

*Stephen Montgomery*

2:55 p.m. Sex biased genetic predictors of gene expression

*Eric Gamazon*

**GTEX data visualization**

3:05 p.m. New GTEx Portal Features

*Jared Nedzel*

3:35 p.m. Integrated display of GTEx data in the Ensembl browser

*Daniel Zerbino*

3:55 p.m. GTEx in the UCSC browser

*Kate Rosenbloom*

4:15 p.m. – 4:30 p.m. **Closing remarks and adjourn**

**Upcoming GTEx Meetings:**

**AWG Jamboree and Steering Committee Meeting**

July 11<sup>th</sup> – 12<sup>th</sup>, 2016

Stanford University

**GTEx Project Community Meeting**

July 13<sup>th</sup>, 2016

Stanford University