

Day 1: Monday, 8 November

- 9 to 9:10 a.m. **Welcome**
- 9:10-10:00 a.m. **Participant Lightning Talks (5 min each)**
- 10:00-10:30 a.m. **Discussion/Break**
- 10:30-11:00 a.m. **Talk 1: Rachel Johnston, Broad/Zoo New England**
The genomic and phenotypic consequences of breeding status in social mole-rats
- 11:00 a.m.- 11:30a **Talk 2: Athma Pai, UMass Chan Medical School**
RNA as a dynamic molecule: how and when our cells regulate mRNA splicing
- 11:45a - 12:15p **Talk 3: Lauren Wasson, Harvard Medical School**
Integration of RNA-seq and chromatin accessibility for genome-wide expression analysis
- 12:15 - 12:45 p.m. **Discussion with speakers/Ask-an-expert "office hours"**
- 12:45 - 1:30 p.m.** **Lunch**
- 1:30 - 3:30 p.m. **Amelia Hall, Broad Institute**
Hands-on RNA analysis workshop (part 1 of 2)
- 3:30 - 5 p.m. **Free time to explore Cambridge**

Day 2: Tuesday, 9 November

- 9 to 10 a.m. **Talk 5: Daniel Neafsey, Broad/Harvard School of Public Health**
Longitudinal population genomics to explore life history adaptation in malaria parasites
- 10 to 10:30 a.m. **Discussion with speaker**
- 10:30 to 11 a.m. Break
- 11:00 to 11:30 a.m. **Talk 6: Kathleen Morrill, UMassMed/Broad**
Low-pass sequencing + imputation: a cost-effective strategy for genotyping
- 11:30 a.m. to noon p.m. **Discussion**
- Noon to 1 p **Lunch**
- 1 to 3p **Amelia Hall, Broad Institute**
Hands-on RNA analysis workshop (part 2 of 2)
- 3 to 4 p.m. **Tour of the Broad Institute Sequencing Platform**