ToxoDB Genomics Workshop

Armenia, Colombia

June 17-18, 2019

June 17:

8AM-9AM	Introduction to ToxoDB
9AM-11AM	Finding genes and basic search strategies
11AM-12PM	Genome Browser I: Introduction to the genome browser
12PM-1PM	Lunch
1PM-3PM	Genome Browser II: Interpreting RNAseq data
3PM-3:30PM	Coffee break
3:30PM-4:30	Orthology and Phylogenetic Profiles
4:30PM-6PM	RNA sequence data analysis via Galaxy, Part I Uploading data and starting the workflow (Group Exercise)

June 18:

8AM-9AM	Sequence Exercises: Motifs, domains and colocation
9AM-12PM	RNA sequence data analysis Part II: viewing and analyzing your results (Group Exercise)
12PM-1PM	Lunch
1PM-3PM	Functional Genomics I: Transcriptomics, Proteomics, GO Enrichment, Metabolic Pathways
3PM-3:30	Coffee break
3:30PM-4:30PM	Functional Genomics II: Host Response datasets
4:30PM-6PM	Population Genetics