

Tentative Agenda

BioTech 74: Advanced Transcriptomics (RNASeq) Analysis

Tuesday, October 31, 2017

Estimated Time	Location, Building, Room	Activity	Instructor
9:15am – 10:15pm	Bldg. 60 Rm 162	Overview of Advanced RNA-Seq Analysis	TBA
10:30am – 12:00pm	Bldg. 60 Rm 162	Cloud Computing Setup and Linux Basics	TBA
12:00pm – 1:00pm		Lunch	
1:00pm – 5:00pm	Bldg. 60 Rm 162	Tuxedo Tools for Differential Expression Analysis	TBA

Wednesday, November 1, 2017

Estimated Time	Location, Building, Room	Activity	Instructor
9:00am – 12:00pm	Bldg. 60 Rm 162	Trinity Tools for Differential Expression Analysis	TBA
12:00pm – 1:00pm		Lunch	
1:00pm – 5:00pm	Bldg. 60 Rm 162	Analyzing Fusion Genes using RNA-Seq Data	TBA

Tentative Agenda

BioTech 74: Advanced Transcriptomics (RNASeq) Analysis

Thursday, November 2, 2017

Estimated Time	Location, Building, Room	Activity	Instructor
9:00am – 11:30am	Bldg. 60 Rm 162	Detecting SNPs Using RNA-Seq Data	TBA
11:30am – 3:00pm	Bldg. 60 Rm 162	Exploring Allele Specific Expression	TBA
12:00pm – 1:00pm		Lunch	
3:15pm – 5:00pm	Bldg. 60 Rm 162	Identifying and Annotating Circular RNAs	TBA

Friday, November 3, 2017

Estimated Time	Location, Building, Room	Activity	Instructor
9:00am – 12:00pm	Bldg. 60 Rm 162	Identifying Viral and Bacterial Sequences in RNA-Seq Data	TBA
12:00pm – 1:00pm		Lunch	
1:00pm – 3:00pm	Bldg. 60 Rm 162	Alternative Polyadenylation Analysis	TBA
3:15pm – 4:45pm	Bldg. 60 Rm 162	Transcriptional Regulatory Network Analysis	TBA
4:45pm – 5:00pm	Bldg. 60 Rm 162	Certificates and Feedback	