



UCSC Genome Browser and Human Genome Bioinformatics Workshop

November 16th - 17th, 2013

PROGRAM

Day 1: November 16, 2013		
Time	Topic	Speaker
8:00 AM - 8:45 AM	Registration and Breakfast	
9:00 AM - 9:30 AM	Inauguration	
9:30 AM - 10:00 AM	Introduction to bioinformatics	Satyamoorthy K
10:00 AM - 11:00 AM	Terms and definitions in human genome bioinformatics	Ashwin Dalal
11:00 AM - 11:15 AM	Tea Break	
11:15 AM - 1:15 PM	UCSC genome browser session I	Robert Kuhn
1:15 PM - 2:15 PM	Lunch Break	
2:15 PM - 3:15 PM	Prediction of the effects (disease or neutral) of human missense mutations	H A Nagarajaram
3:15 PM - 3:45 PM	Human genome bioinformatics in patient care	Patil SJ
3:45 PM - 4:00 PM	Tea Break	
4:00 PM - 5:00 PM	Tools for analysis of genomic microarray	Ashwin Dalal
7:00 PM onwards	Entertainment and dinner at Hotel Fortune Inn Valley view	
Day 2: November 17, 2013		
8:00 AM - 9:00 AM	Breakfast	
9:00 AM - 10:00 AM	Analysis of protein structural contexts of pathogenic mutations	H A Nagarajaram
10:00 AM - 10:30 AM	Bioinformatics in prenatal molecular diagnostics	Sudha Rao
10:30 AM - 10:45 PM	Tea Break	
10:45 AM - 01:00 PM	UCSC genome browser session II	Robert Kuhn
1:00 PM - 2:00 PM	Lunch Break	
2:00 PM - 3:00 PM	Bioinformatics for human whole genome and exome data analysis	Jyoti Sharma
3:00 PM - 3:15 PM	Tea Break	
3:15 PM - 5:00 PM	Discussion, interaction and feedback	All faculty and participants