UCSD

Bioinformatics & Systems Biology

presents

5th Expo Day

Wednesday, September 25th 2013

Registration
http://alturl.com/z69js

Sessions
Powell-Focht Bioengineering Hall, Fung Auditorium

Posters and Reception
Village Meeting Rooms on Fifteen

Webpage *http://www.bioinformatics.ucsd.edu/node/138*	
8:30-8:55 AM	Breakfast, patio outside of Fung Auditorium
9:00-9:15 AM	Vineet Bafna, Ph.D., UCSD Welcome Message
9:15-10:00 AM	Edward Marcotte, Ph.D., University of Texas at Austin *"Evolution, the proteome, and human disease"*
10:00-10:10 AM	Questions and Answers
10:10-10:40 AM	Breakout session
10:40-11:30 AM	Session leaders give summaries
11:30-12:20	Session I
	Gurol Süel, Ph.D., UCSD *"Bridging single cell and population dynamics"*
	Maxim Shokhirev, UCSD *"Insights into B cell decisions to divide or die revealed with a novel cell tracking tool"*
12:20-1:20 PM	Lunch, patio outside of Fung Auditorium
1:20-3:00 PM	Session II
	Julie Law, Ph.D., Salk Institute *"Gaining mechanistic insights into the targeting of chromatin modifications through genomics"*
	Sheng Zhong, Ph.D., UCSD *"Comparative Epigenomics"*
	Boyko Kakaradov, UCSD *"Tracking pluripotent cells during differentiation with single-cell RNA sequencing"*
	Christopher DeBoever, UCSD *"Transcriptome sequencing reveals aberrant 3' splicing and alternative 3' UTR usage in SF3B1-mutated cancers"*
3:00-3:15 PM	Break
3:15-4:35 PM	Session III
	Karmel Allison, UCSD *"Vespucci: a system for building annotated databases of nascent transcripts"*
	Spencer Bliven, UCSD *"Protein symmetry and the evolution of protein folds"*
	Edward O'Brien, UCSD *"Using reaction network context to predict genome-scale in vivo enzyme activity from proteomics data"*
	Eric Scott, UCSD *"Analysis of exome data from consanguineous populations to assess impact of purging on rare variants"*
4:35-5:35 PM	Poster Presentation, Village Meeting Rooms on the Fifteenth.
5:35-8:00 PM	Dinner, Village Meeting Rooms on the Fifteenth.
	Student poster and talk winners announced.