

# AGENDA

## Plant Systems Biology Annual Training Grant Symposium – 12 2013

Organizer: Julian Schroeder, date: Friday, December 6th,

2013,

University of California, San Diego 3500 Pacific Hall / 8:30 am – 4:00pm

Time	Topic	Speaker
8:30 – 8:55 am	<b>Morning Refreshments</b>	
8:55 - 9:00 am	<b>Welcome-Morning Session</b>	<b>Julian Schroeder</b>
9:00 - 9:20 am	Developing Microalgae for the Production of Orally Available Recombinant Therapeutic Proteins	<b>Daniel Barrera</b>
9:20 – 9:50 am	Circadian and Environmental Regulation of Daily Glycogen Rhythms in Cyanobacteria	<b>Susan Golden</b>
9:50 – 10:05 am	Investigating new water relations QTL in Brassica	<b>Dianne Pater</b>
10:05 – 10:40 am	<b>Morning Break</b>	
10:40 – 11:10	Reconstruction of Protein Networks from an Atlas of Proteotypes	<b>Justin Walley</b>
11:10 – 11:30 am	Discovering Kinase-Substrate Relationships in Maize Through Large-Scale Proteomics	<b>Ryan Sartor</b>
11:30 - 12:10 pm	Pathogen Acetylation and its Impact on Plant Immunity	<b>Mary Beth Mudgett, Stanford University</b>
12:10 – 1:10 pm	<b>Lunch</b>	
	<b>Afternoon Session</b>	
1:15 – 1:45 pm	Uncovering Arabidopsis Transcriptional Networks by Functional Genomics	<b>Jose Pruneda-Paz</b>
1:45 – 2:05 pm	Signaling network for metal nutrient status from leaves to roots in plants	<b>Tim Jobe</b>
2:05 – 2:35 pm	Characterizing and engineering the lipid metabolism network in microalgae	<b>Emily Trentacoste, SIO</b>
2:35 – 2:55 pm	Understanding Structure & Function of a Plant Sesquiterpene Synthase through Natural Variation	<b>Helena Sun, Salk Institute</b>
2:55 – 3:25	Inferring the Regulatory Role of Metabolic Enzyme Post-translational Modifications through Systems Biology Modeling, Protein Structure Analysis, and Genome Editing	<b>Nathan Lewis, Harvard Med School</b>