**2022 Southern California Plant Biology Day**

**October 28, TATA Hall, UCSD**

9:00 Coffee and refreshments

9:25 Opening remarks by Maarten Chrispeels

9:30 to 10:45 Session I, chaired by Jazz Dickinson

**Jaimie Van Norman, UC Riverside**

Polarized receptor kinases link lateral polarity and cell division in the Arabidopsis root

**Eldad Afik, Caltech**

Dynamical States of Self-Organized Waves in a Giant Single-Celled Organism Feeding on Light

**Andrew Muroyama, UCSD**

Symmetry-breaking pathways to pattern the leaf surface

10:45 to 11:00 am Coffee break

11:00 to 12:15, Session II, Chaired by Jaimie Van Norman

**Simon "Niels" Groen, UC Riverside**

Rice adaptation to differences in biotic and abiotic factors between irrigated and rainfed agro-ecosystems

**Jose Pruneda-Paz, UCSD**

Functional and molecular characterization of circadian clocks in Arabidopsis aerial tissues

**Baoye He, UC Riverside**

Botrytis cinerea small RNA-containing extracellular vesicles enter plant cell through clathrin-dependent endocytosis.

12:15 to 1:30 Lunch

1:30 to 3:10, Session 3, Chaired by Simon "Niels" Groen

**Luke Nikolov, UCLA**

Tabula Floris: panoramic view of the cell types of the flower

**Lluvia Flores-Rentería, SDSU**

TBD

**Bjorn Willige, Salk Institute**

Regulation of Gene Expression by Light

**Jazz Dickinson, UCSD**

The Chemistry of Development: Uncovering Small Molecule Regulators of Stem Cell Patterning

3:10 to 3:30 coffee break

3:30 to 4:45 Session IV, Chaired by Luke Nikolov

**Danelle Seymour, UC Riverside**

From molecules to cultivars: Integrating scales to traverse the genotype-phenotype divide in citrus

Jesus Beltran, UC Riverside

TBD

**Julian Schroeder, UCSD**

Genetic, physiological and biochemical identification of CO2 sensor that regulates plant water use efficiency

**4:45 Closing remarks by Katie Dehash**