

UCSD PLANT BIOLOGY SYMPOSIUM

1205 Natural Science Building (NSB)

TUESDAY JANUARY 16th, 2024

The symposium is chaired by Karnelia Paul, Bridget Bai, Nathan Stutzman, Nicholas Deason, Tao Zhang, and Michael Mudgett



9:00 Coffee and breakfast

9:30 Ariel Orellana, Director, Centro de Biotecnología Vegetal, Universidad Andrés Bello, Chile.

*Mining Genes for Climate Change: Exploring *C. longiscapa* in the Atacama Blooming Desert*



10:15 Kiran Mysore, Professor, Oklahoma State University

Biotic and abiotic stress tolerance: A critical aspect for sustainable agriculture



11:00 Sanzhen Liu, Associate Professor, Department of Plant Pathology, Kansas State University

Artificial gene regulation in plants and supernumerary chromosomes of fungal pathogens causing blast diseases in crops

11:45 to 12:45 Lunch

12:45 Alex Harkess, Faculty Investigator, HudsonAlpha Institute for Biotechnology

The diversity of sex chromosomes across the tree of life



1:30 Yanran Li, Associate professor, Department of NanoEngineering, UCSD

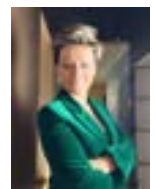
Harnessing Microbial Cell Factories to Uncover Strigolactones of Essential Biological Functions



2:15-2:30, Coffee break

2:30 Agata Daszkowska-Golec, Professor, University of Silesia in Katowice, Poland

Identification of genes for barley drought tolerance using functional and translational genomics



3:10 Sean Cutler, Professor, University of California Riverside

Reprogramming ABA receptors for new plant functions



3:50 Social gathering and more coffee