

POSTER SESSION TWO

Dec 13th, 2022

POSTER SESSION 2A (5:20 PM - 5:35 PM PST)

Poster #13: "Auxin guides germ-cell specification in Arabidopsis anthers " by **Feng Zhao, Northwestern Polytechnical University, China**

Poster #14: "Secretory peptides of the bryophyte-specific protein SHORT-LEAF regulate gametophore development in moss *P. patens* " by **Shirsa Palit, Indian Institute of Science Education and Research (IISER), India**

Poster #15: "Single-cell genomics and high-throughput phenotyping for determining the quantitative genetics of maize leaf vascular development " by **Diana Ruggiero, Oregon State University, USA**

Poster #16: "A single-nucleus transcriptome atlas of seed-to-seed development in Arabidopsis " by **Travis Lee, Salk Institute for Biological Studies, USA**

POSTER SESSION 2B (5:35 PM - 5:50 PM PST)

Poster #17: "Evolution of vacuolar mechanosensing" by **Ivan Radin, Washington University in St. Louis, USA**

Poster #18: "Slow and not so furious: *de novo* stomatal pattern formation during plant embryogenesis" by **Margot Smit, Stanford University, USA**

Poster #19: "A Dof-CLE circuit controls phloem organization" by **Pingping Qian, Osaka University, Japan**

POSTER SESSION 2C (5:50 PM - 6:05 PM PST)

Poster #20: "Symbiotic intracellular infections in legume" by **Pengbo Liang, China Agricultural University, Beijing**

Poster #21: "Unbiased RNA and protein co-expression networks highlight important regulatory role of organelle protein homeostasis in maize heterosis" by **Bridget Hua Bai, UC San Diego, USA**

Poster #22: "Tissular and Subcellular Localization of a Protein Induced by Water Deficit in *Arabidopsis Thaliana*: The case of AtLEA4-5 Protein " by **Coral Martínez, Universidad Nacional Autónoma de México, México**

Poster #23: "Mapping multi-kingdom symbiotic interactions with spatial transcriptomics and single-nucleus sequencing" by **Karen Serrano, Joint BioEnergy Institute, USA**

POSTER SESSION 2D (6:05 PM - 6:20 PM PST)

Poster #24: "Creating a FAIR data ecosystem for incorporating single cell genomics data into agricultural G2P research" by **Muskan Kapoor, Iowa State University, USA**

Poster #25: "Network-enabled regulatory dissection of the mixed-linkage glucan synthase genes in grasses" by **Dae Kwan Ko, Michigan State University, USA**

Poster #26: "Mapping Cell-Specific Activity During Germination Of Barley Grain Using Spatial Transcriptomics" by **Marta Peirats-Llobet, La Trobe University, Australia**

Poster #27: "Cell-type Specific Responses of Poplar to Stress Combination: An Integrated Network Assisted Proteomics and Spatial Metabolomics Approach" by **Vimal Kumar Balasubramanian, Pacific Northwest National Laboratory, USA**