

POSTER SESSION ONE

Dec 12th, 2022

POSTER SESSION 1A (9:20 AM - 9:35 AM PST)

Poster #1: "Large scale rice transcriptome analysis reveals unique pathways and defense genes involved in rice-Xanthomonas interaction" by **Kamal Kumar Malukani, Tata Institute for Genetics and Society, Bangalore, India**

Poster #2: "Phosphorylation Status of B beta Subunit Acts as a Switch to Regulate the Function of Phosphatase PP2A in Ethylene-mediated Root Growth Inhibition" by **Zhengyao Shao, University of Texas at Austin, USA**

Poster #3: "Separation of cork and vascular cambia identities from a single cell" by **Jennifer López Ortiz, University of Helsinki, Finland**

Poster #4: "Non-negative matrix factorization (NMF) is applied to infer cellular composition and constituent gene expression programs (GEPs) from scRNAseq data" by **Yasir Arafat Tamal, Max Planck Institute for Plant Breeding Research, Germany**

POSTER SESSION 1B (9:35 AM - 9:50 AM PST)

Poster #5: "Comparative *in silico* analysis of the Haloacid Dehalogenase PS2-like enzymes in *Capsicum annuum* and *Arabidopsis thaliana*" by **Rogelio Rodríguez-Sotres, Universidad Nacional Autónoma de México, México**

Poster #6: "Spatiotemporal Dynamics Of Cell Plate Development During Plant Cytokinesis" by **Rosalie Sinclair, University of California, Davis, USA**

POSTER SESSION 1C (9:50 AM - 10:05 AM PST)

Poster #7: "Single-cell analysis of plant shoot meristems opens a 'goldmine' for functional studies" by **Xiaosa Xu, Cold Spring Harbor Laboratory, USA**

Poster #8: "A Receptor-Like Protein PAN2 is required for ABA and dark-mediated grass stomatal closure via its expression on the subsidiary cell plasma membrane" by **Le Liu, University of Massachusetts, USA**

Poster #9: "The purple acid phosphatase PAP26 is essential for efficient nucleotide metabolism in the vacuole of *Arabidopsis*" by **Ang-Yu Liu, Iowa State University, USA**

POSTER SESSION 1D (10:05 AM - 10:20 AM PST)

Poster #10: "HOMEODOMAIN containing protein mediates chromatin compaction and rewires leaf epidermal patterning" by **Ansar Ali, Institute of Plant and Microbial Biology, Academia Sinica**

Poster #11: "Spatial reconstruction of single-cell gene expression in floral meristems of *Arabidopsis thaliana*" by **Manuel Neumann, Humboldt University Berlin, Germany**

Poster #12: "The nucleus decides the future division site" by **Arif Ashraf, University of Massachusetts Amherst, USA**