

SESSION TITLE	FIRST NAME	LAST NAME	ABSTRACT TITLE	How attending
3_Arabidopsis Beyond Arabidopsis Towards Generalisable Principles in Biology	Amanda	Agosto Ramos	Convergence and constraint in glucosinolate evolution across the Brassicaceae	In-person
9_Dynamic Plant Cells: Organelle Dynamics and Cell Division During Development	Arif	Ashraf	Function of nuclear membrane proteins during cell division	In-person
22_MORE THAN GROWTH	MARCELO	CAMPOS	Lessons from the model: Sow Arabidopsis is shaping the research on the growth versus defense antagonism in tomato	Online
21_Molecular Mechanisms of Hormone Function	CHRISTIAN DANVE M	CASTROVERDE	Molecular insights into salicylic acid-mediated plant immunity in a changing climate	Online
18_Light and Warm Temperature Crosstalk in Plants	Meng	Chen	Function of photobodies in phytochrome B signaling	In-person
34_Translational Research from Arabidopsis to Crop Plants and Beyond	Brian	Crawford	Precision breeding using CRISPR to improve production traits in blackberry	In-Person
26_Quantitative Proteomics applications to Dissect Signal Transduction in Arabidopsis	Yasin	Dagdas	Why, how, and what to eat for staying fit?	In-person
31_Synthesis and Function of Plant Specialized Metabolites that Regulate Development and Stress Responses	Joseph	Dubrovsky	Metabolic regulatory pathways involved in the root apical meristem maintenance in Arabidopsis thaliana	In-person
19_Long-distance Signaling in Times of Stress	Pengfei	Fan	The interplay of WUSCHEL and Jasmonate signaling in stem growth regulation in response to systemic wounding	In-person
1_A Systems Approach to Decipher Plant Cell Wall Dynamics	Antonio Molina	Fernández	Plant cell wall dynamics during pathogen infection: deciphering the function of Leucine Rich Repeat-Malectin Receptor Kinases in perceiving wall glycans and triggering immune responses	Online
16-Genomic Features and Mechanisms of Mutation	Dalen	Fultz	Sequence and epigenetics of active and silenced nucleolus organizers in Arabidopsis	In-person
35_Visualizing the Dynamics of Cell Biology During Plant Development and Environmental Stresses	MATIAS	GLEASON	Intercellular trafficking of a developmental protein encoding mRNA: A mechanistic dissection	In-person
1_A Systems Approach to Decipher Plant Cell Wall Dynamics	JIMING	GONG	Cell to cell communication mediated by NRT1.8 at root tips under high nitrate and heavy metal stresses	In-person
30_Stress Combination: A New Frontier in Plant Sciences	Qijie	Guan	Understanding the C3 to CAM photosynthesis transition in Mesembryanthemum crystallinum	In-person
14_From Arabidopsis to Crops: Unveiling the Secrets of Elemental Nutrient Uptake, Allocation, and Biofortification	Nijat	Imin	Unravelling the peptide-receptor pathways that orchestrate nitrogen uptake, utilisation, and root development	In-person
35_Visualizing the Dynamics of Cell Biology During Plant Development and Environmental Stresses	LIWEN	JIANG	Multiple roles of FREE1 in regulating organelle biogenesis and function in Arabidopsis	TBC
35_Visualizing the Dynamics of Cell Biology During Plant Development and Environmental Stresses	ALEXANDER	JONES	Information processing via cellular hormone dynamics	In-person
29-SEED BIOLOGY	Hira	Kazmi	UNVEILING THE SIGNALING PATHWAY OF LIGHT-INDEPENDENT SEED GERMINATION	In-person
33-Tiny Pores With Global Impact	HANNES	KOLLIST	Regulation of CO2-induced stomatal movements via HT1 communication between plasma membrane and chloroplasts	In-person
12.Epigenome and Epitranscriptome in Environmental Stress Signaling and Memory	SCOTT	LEWIS	The Plant 3D Genome: Elevated CO2 Drives Epigenetic Reprogramming & Chromatin Dynamics in Arabidopsis Thaliana	In-person
23_New Methods to Accelerate Plant Synthetic Biology	Alex	Leydon	A conserved function of TPL corepressors is to nucleate assembly of the transcriptional preinitiation complex	In-person
13_Evolutionary Plant Systems Biology for Climate Adaptation	Qianqian	Li	Functions of ATM/ATR-SOG1 Module in DNA Damage Response of Marchantia polymorpha	In-person
6_Chemical Genetics in Arabidopsis Research: Recent advances and Applications	Gabrielle	Meza	Uncovering genetic factors involved in retinal-mediated development across the Green Lineage	In-person
33-Tiny Pores With Global Impact	IZUMI C	MORI	Guard cell-type ALMTs: Structural insights into bell-shaped voltage-dependency and stomatal movement	In-person

25_Pushing the Boundaries of Single cell omics Technologies and Applications	<b>Hatsune</b>	<b>Morinaka</b>	Single-cell transcriptomic analysis to investigate the mechanism of cell fate reprogramming of differentiated epidermis during shoot regeneration	In-person
30_Stress Combination: A New Frontier in Plant Sciences	<b>Neha</b>	<b>Naaz</b>	Enhancing Genetic Variability in Trigonella Species through Sodium Azide Induction: Morpho-Physiological and Chromosomal Amelioration	In-person
29-SEED BIOLOGY	<b>Noriyuki</b>	<b>Nihimura</b>	Characterization and functional analyses of DOG1-dependent ABA signaling cascade	In-person
34_Translational Research from Arabidopsis to Crop Plants and Beyond	<b>Ido</b>	<b>Nir</b>	Diverse mechanisms of adaptive flexibility discovered by multi-species analysis of stomatal development	In-person
18_Light and Warm Temperature Crosstalk in Plants	<b>Matias Ezequiel</b>	<b>Pereyra</b>	All roads lead to SAURs	In-person
8-Deciphering the Secrets of Microbiomes in Promoting Stress Resilience in Plants – a Strategy for Achieving Agricultural Sustainability	<b>Run</b>	<b>Qi</b>	Dissecting Soil-borne Legacy: Involvement of SA and light signals in recruitment of beneficial microbes	In-person
15_From Perception to Memory: How Plants Adapt to Climate Change	<b>VIDHI</b>	<b>RATURI</b>	Thermomorphogenesis contributes to heat stress tolerance in Arabidopsis thaliana	In-person
30_Stress Combination: A New Frontier in Plant Sciences	<b>Rosa M</b>	<b>Rivero</b>	Interplay between Melatonin, Nitric Oxide and ROS in Orchestrating PSII/PSI dynamics under single and combined abiotic stresses	Online
30_Stress Combination: A New Frontier in Plant Sciences	<b>Hatem</b>	<b>Rouached</b>	Nutrient Signaling Crosstalk: Breakthrough Insights from a Combined Stress Study	In-person
3_Arabidopsis Beyond Arabidopsis Towards Generalisable Principles in Biology	<b>Ari</b>	<b>SADANANDOM</b>	SUMO code in Rice: Deciphering the language of an emerging protein modification system in crops	In-person
31_Synthesis and Function of Plant Specialized Metabolites that Regulate Development and Stress Responses	<b>Andrea</b>	<b>Sama</b>	Investigating the effect of environmental stress on metabolite signaling and localization in root systems	In-person
4_Cell Fate Control and Organogenesis: Towards Understanding and Imaging Complex Tissues	<b>Avilash</b>	<b>Singh Yadav</b>	Growth directions and stiffness across cell layers determine whether tissues stay smooth or buckle	In-person
28_Robustness and Resilience: Surviving a Changing Climate	<b>Rajneesh</b>	<b>Singhal</b>	Deciphering the cis-regulatory code underlying the response to elevated temperature in Arabidopsis thaliana	In-person
8-Deciphering the Secrets of Microbiomes in Promoting Stress Resilience in Plants – a Strategy for Achieving Agricultural Sustainability	<b>Reza</b>	<b>Sohrabi</b>	Phyllosphere dysbiosis in Arabidopsis	TBC
32_The Roles of Biomolecular System	<b>WEN</b>	<b>SONG</b>	Mechanism of plant TIR protein-triggered immunity	In-person
15_From Perception to Memory: How Plants Adapt to Climate Change	<b>ALYSSA</b>	<b>STONER</b>	The role of PIF4's transcription activation domain in plant thermomorphogenesis	In-person
12.Epigenome and Epitranscriptome in Environmental Stress Signaling and Memory	<b>Sibum</b>	<b>Sung</b>	Chromatin control of developmental reprogramming in response to environmental challenges	In-person
25_Pushing the Boundaries of Single cell omics Technologies and Applications	<b>Pablo</b>	<b>Szekely</b>	Age dependency in root development	In-person
5_Cell-type specific responses for plant resilience to stress	<b>Takeshi</b>	<b>Uchiyama</b>	Salt Tolerance Mechanism in the Reproductive Stage by Sodium Transporter AtHKT1	In-person
26_Quantitative Proteomics applications to Dissect Signal Transduction in Arabidopsis	<b>Glen</b>	<b>Uhrig</b>	Identification and characterization of a new protein kinase that regulates flowering time through E3 mono-ubiquitin ligases	In-person
35. Visualizing the Dynamics of Cell Biology During Plant Development and Environmental Stresses	<b>AIMEE</b>	<b>UYEHARA</b>	Division 'on the fly' – Preprophase-band-independent TANGLED1 recruitment in maize	TBC
17_Hormonal Influence on Plant Form	<b>Dominique</b>	<b>Van Der Straeten</b>	The molecular core of transcriptome responses to abiotic stress and the role of ethylene therein	In-person
28_Robustness and Resilience: Surviving a Changing Climate	<b>Doris</b>	<b>Wagner</b>	A negative feedback loop between LEAFY and TERMINAL FLOWER 1 robustly safeguards inflorescence indeterminacy	In-person
12.Epigenome and Epitranscriptome in Environmental Stress Signaling and Memory	<b>Doris</b>	<b>Wagner</b>	Epigenome reprogramming for cell identity and survival	In-person
1_A Systems Approach to Decipher Plant Cell Wall Dynamics	<b>Zhiyong</b>	<b>Wang</b>	Maintaining cell wall integrity during brassinosteroid-induced cell expansion	In-person

15_From Perception to Memory: How Plants Adapt to Climate Change	<b>Philip</b>	<b>Wigge</b>	Temperature sensing in plants	In-person
11-Epigenetics	<b>Yanhai</b>	<b>Yin</b>	Signaling Network and Epigenetic Mechanisms of Brassinosteroid Regulation of Plant Growth and Stress Responses	In-person
20_Mobile DNA and Genome Plasticity	<b>Yijing</b>	<b>Zhang</b>	War and Peace: Transposons and the Evolution of Polyploid Wheat	In-person
30_Stress Combination: A New Frontier in Plant Sciences	<b>Lifang</b>	<b>Zhang</b>	Characterization of key regulators in microRNA-mediated responses to phosphate deficiency in Arabidopsis root development	In-person
27_RNA Modifications and Their Role in Plants	<b>Songxiao</b>	<b>Zhong</b>	Reciprocal regulation of m6A modification and miRNA production machineries via phase separation-dependent and -independent mechanisms	TBC