

Poster #	Speaker	Title	Topic
P-1	Gachao Leah	To die or not to die? Role of lectin receptor kinases in extracellular ATP-mediated regulated cell death in Arabidopsis	Abiotic interactions
P-3	Kuhn Hannah	The mechanism of PEP7 maturation in SIRK1 signaling pathway	Abiotic interactions
P-4	Martin-Ramirez Sergio	ROS-dependent extracellular interaction network of Cysteine-rich and Leucine-Rich Repeat Receptor Kinases in Arabidopsis	Abiotic interactions
P-6	Satbhai Santosh	An endogenous peptide signal in Arabidopsis modulates components of the Iron deficiency response.	Abiotic interactions
P-7	Scheel Tost Amalie	Pursuing PSY1R and PSY peptides ,À unravelling the dynamics of a LRR-RK signaling pathway	Abiotic interactions
P-8	Schneitz Kay	Molecular insight into cell wall integrity signaling in Arabidopsis mediated by the receptor kinase STRUBBELIG	Abiotic interactions
P-9	Cao Lingjie	The role of RLKs-RLCKs complexes in low potassium signaling	Development
P-10	Caregnato Alberto	Mapping the ligand binding spectrum of the brassinosteroid receptor kinase family from Arabidopsis	Development
P-11	Cornelis Salves	Uncovering the role of CLE signalling in xylem differentiation	Development
P-12	Johanna Dickmann	Hechtian attachment sites – connecting the plasma membrane to the cell wall	Development
P-13	Galindo-Trigo Sergio	BSKs: A convergence point for RLK signaling transduction in plants	Development
P-14	Gonzalez Laura	Is KRS a ROS sensor?	Development
P-15	Guérin Amandine	A mutation in HSN2 suppresses the dominant negative effect of LRX1dE	Development
P-16	Guillou Marie-Charlotte	Proteolytic processing of the sulfated CIF peptide precursors by subtilisin-like proteases for Casparian Strip formation in Arabidopsis	Development
P-17	He Qing	Interactions between Receptor Kinases define Radial Pattern in Arabidopsis	Development
P-18	Hirakawa Yuki	Stem cell-promoting CLE peptide signaling in the liverwort Marchantia polymorpha	Development
P-19	Laffont Carole	Identification of systemic effectors acting downstream of CEP signaling peptides to regulate symbiotic nodulation in response to nitrogen deficit	Development
P-20	Luu Dee Dee	Root-knot nematodes produce functional mimics of tyrosine-sulfated plant peptides	Development
P-21	Mazumdar Shamik	Kratos gives strength: Functional validation and characterization of an extracellular peptide that promotes cell survival	Development
P-22	Renard Joan	After the receptor: How does GSO1/GSO2 activation control embryo surface formation?	Development
P-23	Siddiqui Anam	Functional characterization of novel candidate peptide ligands for HAESA/HAESA-like receptor kinases	Development
P-24	Takahashi Go	Functional analysis of target genes of MpCLE2 signaling in the stem cell zone of Marchantia polymorpha	Development
P-25	Tidemand Frederik	Large-scale production of modified plant peptide hormones	Development
P-26	Alqarni Ali	A Novel Role for Phytosulfokine Signalling in Fumonisin B1 Toxicity	Immunity
P-27	Fliegmann Judith	Deciphering the signaling network in the overlap between pattern- and effector-triggered immunity	Immunity
P-28	Goyal Ravinder K .	Peptides with antimicrobial activity can be a good resource to tackle antimicrobial resistance in plants and animals. A case study with peptides identified from the Pisum sativum L. protein database	Immunity
P-29	Khandare Virendrasinh	The role of cysteine oxidative modifications of Cysteine Rich Receptor Kinases in extracellular ROS perception.	Immunity
P-30	Leicher Henriette	Endogenous FER-RALF signaling is involved in successful host colonization of powdery mildew on Arabidopsis thaliana	Immunity
P-31	Menke Frank	Decoding Plant Immunity: Unraveling Flg22-Induced Phosphorylation of the FLS2 Signaling Network	Immunity
P-32	Misas Villamil Johana	Phytocytokine signaling in maize immunity	Immunity
P-33	Ranf Stefanie	LORE mediated immunity in Brassicaceae: mechanistic insights from natural diversity	Immunity
P-34	Raviraj Priyanka	Regulation of immune receptor kinase LORE by Calcium sensor Calmodulins (CaMs)	Immunity
P-35	Reymond Philippe	How Arabidopsis perceives insect eggs	Immunity
P-36	Schade Sebastian	Characterization of CrRLK1L-RALF modules during Arabidopsis powdery mildew colonization	Immunity
P-37	Smet Bruno	Developing tools to study the regulation of the immune receptor LORE	Immunity
P-38	Snoeck Simon	Investigating the co-evolutionary history of the family-specific plant receptor kinase MIK2 and its SCOOP ligands	Immunity
P-39	Von Arx Michelle	A conceptual framework for the nanoscale regulation of receptor complexes.	Immunity
P-40	Weber Hannah	Holding everything together - HIR2, a key factor of receptor organization in plasma membranes?	Immunity
P-41	Yu Fan-Yu	Identify the potential role of LORE paralogs in the 3-OH-FA-triggered immune response of Arabidopsis	Immunity
P-42	Zhang Songyuan	Using directed evolution approach to engineer recognition specificity of plant pattern recognition receptors	Immunity
P-43	Denninger Philipp	Polar RhoGTPase signalling at the plasma membrane of germinating pollen grains.	Reproduction
P-44	Lalun Vilde Olsson	A role of RLK7 in the IDA signaling pathway?	Immunity
P-45	Lan Zijun	A group of cysteine-rich peptides regulates pollen tube growth in Arabidopsis	Reproduction
P-46	Li Rong	Phosphorylation profiling of phytocytokine versus MAMP signaling reveals systemin-specific signaling events	Immunity
P-47	Lu Han	The regulatory mechanisms of the balance between pollen tube growth and ovular guidance	Reproduction
P-48	Ma Yan	Comparisons of two receptor pathways in a single cell-type reveal features of signalling specificity	Immunity
P-49	Song Zihan	AtTYT RLCKs regulate pollen tube growth by modulating apical calcium ion concentration	Reproduction
P-50	Sprunck Stefanie	EC1, small cysteine-rich proteins secreted by the egg cell for sperm-egg interactions	Reproduction
P-51	Tiedemann Sophie	Function and evolution of EC1 and other ECA1 gametogenesis-related cysteine-rich miniproteins	Reproduction
P-52	Tran Van Canh Loup	Phytocytokine ignition: a ROS burst strategy against weeds	Immunity

<b>P-53</b>	Raksha Ravikumar	Monitoring the dynamics of the synergid-expressed receptor-like kinases during double fertilization	Reproduction
<b>P-54</b>	Wang Yan L.	Tomato plants require an anti-systemin signal to balance four agonistic systemins for normal growth	Immunity
<b>P-55</b>	Alami Soufiane	The inoculation with Ensifer meliloti sv. rigiduloides improves considerably the growth of Robinia pseudoacacia under lead-stress	Symbiosis
<b>P-56</b>	Frei Dit Frey Nicolas	Characterization of a fungal tripeptide stimulating plant-fungus symbiosis	Symbiosis
<b>P-57</b>	Frugier Florian	Signaling peptides regulating nitrogen-fixing symbiotic nodulation in legumes	Symbiosis
<b>P-58</b>	Spezzati Maria	Sequence adaptation of Symbiosis Receptor-like Kinase (SymRK) enabling nitrogen-fixing root nodule development	Symbiosis
<b>P-59</b>	Sadoine Mayuri	Stress-induced calcium signaling in Arabidopsis thaliana-Bacillus rhizobacteria interactions	Symbiosis