

5th International Conference “Plant Abiotic Stress Tolerance”	
(July 5-6, 2018)	
July 5 (Thursday)	
08.00 - 17.00	Registration
09.10 - 09.30	Opening Welcome address by Alisher Touraev (Local Chair, VISCEA, Austria) Welcome address by Claudia Jonak (Co-Chair of the Conference, Austria)
09.30 - 10.20 (+10)	<i>Chair of Key Note Lecture: Claudia Jonak (Austria)</i> Keynote Lecture: Heribert Hirt (Saudi Arabia): The Next Green Revolution or How Beneficial Microbes Can Improve Abiotic Stress Resistance of Plants
10.30 - 11.00	Coffee break
11.00 - 12.30	Session I: Chromatin & Epigenetics of Abiotic Stress Tolerance
<i>Chair</i>	<i>Heribert Hirt (Saudi Arabia)</i>
11.00 - 11.20 (+5)	Motoaki Seki (Japan): Novel Epigenetic and RNA Regulation in Plant Abiotic Stress Adaptation
11.25 - 11.45 (+5)	Barry J. Pogson (Australia): Intracellular Communication of Abiotic Stress, Memory and Recovery: from Model Systems to Crops
11.50 - 12.05 (+5)	Lea Faivre (Germany): Cold Stress Memory and Trainable Genes: the Role of Histone and DNA Methylation
12.10 - 12.25 (+5)	Melissa Romich (Germany): Role of Histone Modifications and Variants in Cold Stress Priming and Memory
12.30 - 14.00	Lunch + Poster Session (all numbers)
14.00 - 15.30	Session II: Plant Response to Drought, Salt & Osmotic Stresses
<i>Chair</i>	<i>Elizabeth Vierling (USA)</i>
14.00 - 14.20 (+5)	Claudia Jonak (Austria): Signalling Salt Stress to The Chromatin
14.25 - 14.45 (+5)	Diana Santelia (Switzerland): Rewiring Starch Metabolism for Abiotic Stress Tolerance
14.50 - 15.05 (+5)	Veronica Ruta (Italy): Studying the Role of Dof and WRKY factors in the Response to Drought Stress in Seeds
15.10 - 15.25 (+5)	Hsin-Chieh Lee (Germany): Salt Regulation of Nonsense Mediated Decay
15.30 - 16.00	Coffee break
16.00 - 17.30	Session III: Plant Response to Nutrient Stresses
<i>Chair</i>	<i>Markus Teige (Austria)</i>
16.00 - 16.20 (+5)	Andrea Polle (Germany): Molecular, Physiological and Growth Acclimation of Trees to Phosphorus Stress
16.25 - 16.45 (+5)	Benjamin Neuhäuser (Germany): TAPs the Central Hub for Plants to Combine Their Hunger for Nitrogen with Abiotic Stress
16.50 - 17.05 (+5)	Martin Fellner (Czech Republic): Role of Blue Light Receptors in Tolerance of Seed Germination to Salt and Osmotic Stress
17.10 - 17.25 (+5)	Kulik Anna (Poland): The Role of SnRK2.10 Kinase in Plant Response to Long Term Salt Stress
17.30 - 17.40	Conference Photo
17.40 - 19.00	Poster Session (all numbers)
19.00 - 22.00	Conference Dinner Party

July 6 (Friday)	
08.00 - 17.00	Registration
09.00 - 10.30	Session IV: Plant Response to Oxidative Stresses
<i>Chair</i>	<i>Motoaki Seki (Japan)</i>
09.00 - 09.20 (+5)	Michael Wrzaczek (Finland): Dynamic CRK2 Protein Localization Regulates Callose Deposition and Plasmodesmal Permeability during Salt Stress in Arabidopsis
09.25 - 09.45 (+5)	Michel Havaux (France): The Singlet Oxygen Signaling Pathways Leading to Photooxidative Stress Tolerance in Plants
09.50 - 10.05 (+5)	Julia Krasensky-Wrzaczek (Finland): Multiple Signal Integration - How light Affects Stress Responses
10.10 - 10.25 (+5)	Lorena Romero Prada (The Netherlands): Solanum Pimpinellifolium Wild Tomato Accession Primed against Oxidative Stress
10.30 - 11.00	Coffee break
11.00 - 12.30	Session V: Signaling in Abiotic Stress Tolerance
<i>Chair</i>	<i>Michael Wrzaczek (Finland)</i>
11.00 - 11.20 (+5)	Markus Teige (Austria): Chloroplast Ca ²⁺ - Signalling in Plastid Development and Stress Response
11.25 - 11.45 (+5)	Sonia Gazzarrini (Canada): Environmental and Hormonal Regulation of Seed Development and Germination In Arabidopsis
11.50 - 12.05 (+5)	Bikram Pandey (Austria): A Novel Protein Kinase Signals Environmental Stress in Chloroplasts
12.10 - 12.25 (+5)	Stephen Howell (USA): From Life to Death: UPR Events During Persistent ER Stress in Maize Seedlings
12.25 - 14.00	Lunch + Poster Session (all numbers)
14.00 - 15.30	Session VI: Plant Response to Cold, Heat & Freezing Stress
<i>Chair</i>	<i>Diana Santelia (Switzerland)</i>
14.00 - 14.20 (+5)	Jian Xu (Singapore): Chilling Temperature and Stem Cell Integrity: a Root Perspective
14.25 - 14.45 (+5)	Elizabeth Vierling (USA): Tolerance to Extreme Heat Stress is Linked to Mitochondrial Metabolism
14.50 - 15.05 (+5)	Eleni Syngelaki (Germany): Effects of Cold Treatments on Methylation Profiles and Reproduction Mode of Diploid and Tetraploid Plants of Ranunculus Kuepferi (Ranunculaceae)
15.10 - 15.25 (+5)	Gustavo Maia Souza (Brazil): Osmotic Stress Decreases Complexity Underlying Plant Electrome Dynamic in Soybean
15.30 - 16.00	Coffee break
16.00 - 17.30	Session VII: Biotechnology of Abiotic Stress Tolerance
<i>Chair</i>	<i>Benjamin Neuhäuser (Germany)</i>
16.00 - 16.15 (+5)	Lennart Wirthmueller (Germany): Biochemical Re-Characterization of a Wheat Sro1 Allele that Confers Enhanced Salinity Tolerance
16.20 - 16.35 (+5)	Huey-Wen Chuang (Taiwan): Alginic Acid Altered Multiple Hormone Signaling to Regulate Plant Growth and Enhance Abiotic Stress Tolerance in Arabidopsis
16.40 - 17.00 (+5)	Matthew J. Paul (UK): Sucrose Allocation for Improved Crop Drought Resilience

17.05 - 17.25 (+5)	Abdel Bendahmane (France): Translational Research, Can We Finish the Job
17.30 – 17.35	<i>Closing Remarks</i>