

**International Conference “Plant Molecular Physiology”
(February 23-24, 2017)**

February 23 (Thursday)

08.00 - 17.00	Registration
09.00 - 09.20	Opening Welcome address by Andreas Bachmair (Chair of The Conference, Austria) Welcome address by Alisher Touraev (Local Chair, Austria)
09.20 - 10.20 (+10)	Keynote Lecture: Donald R. Ort (USA): Improving Photosynthetic Efficiency for Improved Crop Yield
10.30 - 11.00	Coffee break + Poster Mounting
11.00 - 12.30:	Session I: Plant Cell Wall & Cell Membrane
<i>Chairs</i>	<i>Thorsten Hamann & Markus Pauly</i>
11.00 - 11.25 (+5)	Markus Pauly (Germany): Synthetic Biology of Plants Cell Wall Polysaccharides
11.30 - 11.55 (+5)	Timo Engelsdorf (Norway): Cell Wall Surveillance: How are Plant Cells Monitoring Wall Integrity?
12.00 - 12.10 (+5)	Julia Richter (Austria): The Role of Cell Wall Integrity Receptors in Heavy Metal and Trace Element Perception
12.15 - 12.25 (+5)	Adam Barrada (France): Discovery of New Components of the Plant TOR Signaling Pathway in Arabidopsis Thaliana Using a Genetic Approach
12.30 - 14.00	Lunch + Poster Session (all numbers)
14.00 - 15.30	Session II: Membrane Transport & Membrane Trafficking
<i>Chairs</i>	<i>Nathalie Leborgne-Castel & Ekkehard Neuhaus</i>
14.00 - 14.20 (+5)	Ekkehard Neuhaus (Germany): Sugar Transport in Plants Cells
14.25 - 14.45 (+5)	Nathalie Leborgne-Castel (France): Plasma Membrane Trafficking in Plant-Microbe Interactions
14.50 - 15.10 (+5)	Verena Kriechbaumer (UK): The Diverse Functions of Plant Reticulons
15.15 - 15.25 (+5)	Adi Avni (Israel): SIPRA1, a Prenylated Rab Acceptor Protein, Participates in LeEIX2-Receptor Endocytosis and Defense Responses Triggered by the EIX MAMP
15.30 - 16.00	Coffee break
16.00 - 17.30	Session III: Molecular Photosynthesis
<i>Chairs</i>	<i>Nathan Nelson & Cornelia Spetea</i>
16.00 - 16.25 (+5)	Nathan Nelson (Israel): Structure and Energy Transfer in Photosystems of Oxygenic Photosynthesis
16.30 - 16.55 (+5)	Cornelia Spetea (Sweden): Regulation of Photosynthesis by Thylakoid Ion Fluxes in a Rapidly Changing Environment

17.00 - 17.10 (+5)	Mirza Hasanuzzaman (Japan/Bangladesh): Regulatory Role of Nitric Oxide in Enhancing Photosynthesis and Mitigating Salt-Induced Oxidative Stress in Mangrove Species, <i>Kandelia Obovata</i>
17.15- 17.25 (+5)	Rainer Schuhmacher (Austria): Isotope-Assisted Metabolomics to Study Resistance of Wheat Against Fusarium Head Blight
17.30 - 19.30	Welcome Reception + Poster Session (all numbers)
February 24 (Friday)	
08.00 - 17.00	Registration
09.00 - 10.30	Session IV: Plant Hormones & Signaling
<i>Chairs</i>	<i>Gregory Vert & Klaus Harter</i>
09.00 - 09.20 (+5)	Gregory Vert (France): Steroid-Dependent Root Responses to Elevated Ambient Temperature in Arabidopsis
09.25 - 09.45 (+5)	Klaus Harter (Germany): Hormone-Modulated Response Modules in the Plasma Membrane Initiating Early Events in Cell Elongation
09.50 - 10.10 (+5)	Trinh Hoang Khai (Belgium): EMS Screening in Arabidopsis Points to a New Role for RHD3 in Adventitious Root Organogenesis
10.15 - 10.25 (+5)	Josef Balla (Czech Republic): The Outgrowing of Pea Axillary Bud is Regulated by Auxin Canalization under Cytokinin Fine-Tuning
10.30 - 11.00	Coffee break
11.00 - 12.30	Session V: Plant Stress Physiology
<i>Chairs</i>	<i>Claudia Jonak & Andreas Bachmair</i>
11.00 - 11.25 (+5)	Claudia Jonak (Austria): Signaling Towards Abiotic and Biotic Stress Resistance
11.30 - 11.55 (+5)	Andreas Bachmair (Austria): Protein Modification by SUMO Attachment is Linked to Development and to Multiple Stress Responses
12.00 - 12.10 (+5)	Péter Poór (Hungary): Ethylene Dependent Changes in Hydrogen-Peroxide Homeostasis after Salicylic acid Treatment in Tomato
12.15 - 12.25 (+5)	Maria Doppler (Austria): Probing the Phenylalanine-Derived Defence Metabolome of Wheat Against Fusarium Head Blight
12.30 - 14.00	Lunch + Poster Session (all numbers)
14.00 - 15.30	Session VI: Physiology of Vernalization
<i>Chairs</i>	<i>Ashild Ergon & Verena Kriechbaumer</i>
14.00 - 14.25 (+5)	Ashild Ergon (Norway): Making it Through the Winter: Vernalization and Regulation of Freezing Tolerance in a Perennial Grass Species
14.30 – 14.45 (+5)	Michele Zaccai (Israel): New Insights into the Regulation of Vernalization in the Bulbous Species <i>Lilium Longiflorum</i> (Easter Lily)
14.50 - 15.05 (+5)	Ilse Foissner (Austria): Inhibition of Phosphatidylinositol-3 Kinases Causes Reorganization of The Trans-Golgi Network into Charasome-Like Structures

15.10 - 15.25 (+5)	Qari Muhammad Imran (South Korea): Identification and Characterization of Nitric Oxide Responsive Heavy-Metal Associated Genes Reveal their Role in Plant Growth and Defense
15.30 - 16.00	Coffee break
16.00 - 17.30	Session VII: Applied Molecular Plant Physiology
<i>Chairs</i>	<i>Christoph Ringli & Donald R. Ort</i>
16.00 - 16.25 (+5)	Christoph Ringli (Switzerland): LRR-Extensins Potentially Link the Cell Wall and Plasma Membrane
16.30 – 16.40 (+5)	Eveline Queiroz de Pinho Tavares (Brazil): Transcriptional Regulation Played by miRNA and AP2/ERF Transcription Factors Link Ethylene Signalling and Cell Separation during Root Aerenchyma Formation in Sugarcane
16.45 - 16.55 (+5)	Marija Vidović (Serbia): Differences in H ₂ O ₂ -Regulating System in Photosynthetic and Non-Photosynthetic Cells of Variegated Pelargonium Zonale
17.00 -17.10 (+5)	Filis Morina (Serbia): Rhinusa Pilosa Induces Specific Carbohydrate Accumulation during Gall Development in Linaria Vulgaris Stem
17.15 -17.25 (+5)	Wattanapong Sittisaree (Thailand): Physiological Responses of Extremophile Alga Dunaliella Viridis to Nitrogen Starvation
17.30-17.45	Closing Ceremony & Conference Photo
19.00 - 22.00	Conference Dinner Party -Traditional Austrian food and wine, located in one of Vienna's famous 'Heurigen' -Cost: 50,- EUR