

<b>4<sup>th</sup> International Conference Plant Transformation &amp; Biotechnology (June 29-30, 2017)</b>	
<b>June 29 (Thursday)</b>	
<b>08.00 - 17.00</b>	<b>Registration</b>
09.00 - 09.20	<b>Opening</b> Welcome address by <b>George Lomonosoff (Conference Chair , UK)</b> Welcome address by <b>Alisher Touraev (Local Chair, President VISCEA, Austria)</b>
09.20 - 10.20 (+10)	<b>Keynote Lecture:</b> <b>Yuri Gleba (Germany):</b> Plant Biotechnology in the 21st Century
<b>10.30 - 11.00</b>	<b>Coffee break</b>
<b>11.00 - 12.30:</b>	<b><u>Session I: Agrobacterium &amp; Other Methods of Transformation</u></b>
<i>Chairs</i>	<i>Stanton Gelvin (USA) &amp; Zengyu Wang (USA)</i>
11.00 - 11.20 (+5)	<b>Stanton Gelvin (USA):</b> Known Plant DNA Repair and Recombination Pathways Are Not Important for T-DNA Integration
11.25 - 11.45 (+5)	<b>Zengyu Wang (USA):</b> Genetic Transformation and Improvement of Forage and Bioenergy Crops
11.50 - 12.10 (+5)	<b>Lan-Ying Lee (USA):</b> The Role of VIP1 and its Homologs in Agrobacterium-Mediated Transformation
12.15 - 12.25 (+5)	<b>Ashokkumar Govindan (Ireland):</b> A Comparative Analysis of a Plant's Response to the Novel Plant Transformation Platform: Ensifer-Mediated Transformation (EMT) versus The Response Elicited by Agrobacterium-Mediated Transformation (AMT)
<b>12.30 - 14.00</b>	<b>Lunch + Poster Session (all numbers)</b>
<b>14.00 - 15.30</b>	<b><u>Session II: Transformation of Important Crops</u></b>
<i>Chairs</i>	<i>Elumalai Sivamani (USA) &amp; Wendy A. Harwood (UK)</i>
14.00 - 14.20 (+5)	<b>Elumalai Sivamani (USA):</b> Strategies to Improve Low Copy Transgenic Events in Agrobacterium-Mediated Transformation of Maize
14.25 - 14.45 (+5)	<b>Wendy A. Harwood (UK):</b> Transformation and Genome Editing in Wheat and Barley
14.50 - 15.05 (+5)	<b>Kin-Ying To (Taiwan):</b> Functional Expression of Maize C4 Phosphoenolpyruvate Carboxylase Gene in Transgenic Plants from C3 Monocot Rice and C3 Dicot Ornamental Cleome Spinosa
15.10 - 15.25 (+5)	<b>Elena Mikhaylova (Russian Federation):</b> A Universal Method of in Planta Transformation of Brassicaceae Plants
<b>15.30 - 16.00</b>	<b>Coffee break</b>
<b>16.00 - 17.30</b>	<b><u>Session III: Plant Transformation Tools: Vectors &amp; Promoters</u></b>
<i>Chairs</i>	<i>Wusheng Liu (USA) &amp; Guenther Buchholz (Germany)</i>
16.00 - 16.25 (+5)	<b>Wusheng Liu (USA):</b> Synthetic Promoters for Targeted Transgene Activation

	in Plants
16.30 - 16.45 (+5)	<b>Vanesa Cano (Spain):</b> Transformation of Quercus Suber Somatic Embryos with a Gene Encoding a Thaumatin-Like Protein
16.50 - 17.05 (+5)	<b>Guenther Buchholz (Germany):</b> Inducible Promoters in a Cre/loxP-Vector-System for Generating Marker-Gene free Transformed Grapevine
17.10- 17.25 (+5)	<b>Raphael Kolano (Germany):</b> Heterologous Protein Expression in Carnivorous Plants: a Potential New Drug-Delivering System
<b>17.30 - 19.00</b>	<b>Welcome Reception + Poster Session (all numbers)</b>
<b>June 30 (Friday)</b>	
<b>08.00 - 17.00</b>	<b>Registration</b>
<b>09.00 - 10.30</b>	<b><u>Session IV: Markers &amp; Marker Free Technologies</u></b>
<i>Chairs</i>	<i>Seiichi Toki (Japan) &amp; Tian Lining (Canada)</i>
09.00 - 09.25 (+5)	<b>Seiichi Toki (Japan):</b> Precision Genome Editing via Positive-Negative Selection Mediated Gene Targeting and Subsequent Removal of Positive Marker
09.30 - 09.45 (+5)	<b>Ján Jásik (Slovakia):</b> Photoconvertible Fluorescence Proteins as Reporters to Monitor Intracellular Dynamics of Plasma Membrane Proteins
09.50 - 10.05 (+5)	<b>Lining Tian (Canada):</b> Histone deacetylase HD2D is Involved in ABA, Salt and Drought Stress Response and Can be Used to Improve Plant Abiotic Stress Tolerance via Genetic Transformation
10.10 - 10.25 (+5)	<b>Sergey Dolgov (Russian Federation):</b> Inducible Site-Specific Recombinase and a Bifunctional Selectable Gene Usage for Production of Marker-Free Transgenic Tomato and Apple Plants
<b>10.30 - 11.00</b>	<b>Coffee break</b>
<b>11.00 - 12.30</b>	<b><u>Session V: Plastid Transformation &amp; Molecular Pharming</u></b>
<i>Chairs</i>	<i>Henry Daniell (USA) &amp; Eva Stoger (Austria)</i>
11.00 - 11.20 (+5)	<b>Henry Daniell (USA):</b> Recent Advances in Molecular Farming
11.25 - 11.45 (+5)	<b>Eva Stoger (Austria):</b> Plant-Made Proteins: Medicines and More
11.50 - 12.05 (+5)	<b>Massimo Bosacchi (USA):</b> Two Mechanisms of Lincosamide Tolerance Function as Nuclear and Plastid Markers in Higher Plants
12.10 - 12.25 (+5)	<b>Jihong Liu Clarke (Norway):</b> Lettuce-Produced Hepatitis C Virus E1E2 Heterodimer Triggers Immune Responses in Mice and Antibody Production after Oral Vaccination
<b>12.30 - 14.00</b>	<b>Lunch + Poster Session (all numbers)</b>
<b>14.00 - 15.30</b>	<b><u>Session VI: Breakthrough Technologies</u></b>
<i>Chairs</i>	<i>George Lomonossoff (UK) &amp; Lawrence J. Nea (USA)</i>
14.00 - 14.20 (+5)	<b>George Lomonossoff (UK):</b> Transient Expressions of Synthetic Biology in Plants

14.25 - 14.45 (+5)	<b>Klaus Palme (Germany):</b> Breakthrough Technology for Plant Single Cell Analysis using High-Throughput Imaging and Systems Analysis
14.50 - 15.05 (+5)	<b>Lawrence J. Nea (USA):</b> Harvesting the Plant Microbiome for Crop Protection
15.10 - 15.25 (+5)	<b>Guobao Liu (China):</b> A Plant Cell Model of Polyglutamine Aggregation: Identification and Characterisation of Macromolecular and Small-Molecule Anti-Protein Aggregation In Vivo
<b>15.30 - 16.00</b>	<b><i>Coffee break</i></b>
<b>16.00 - 17.30</b>	<b><u>Session VII: Plant Transformation &amp; Public</u></b>
<i>Chairs</i>	<i>Arie Altman (Israel) &amp; Sylvie De Buck (Belgium)</i>
16.00 - 16.25 (+5)	<b>Arie Altman (Israel):</b> Current Challenges and Future Perspectives of Plant and Agricultural Biotechnology
16.30 - 16.50 (+5)	<b>Sylvie De Buck (Belgium):</b> Technology Transfer and Capacity Building in Biotechnology and Biosafety for a Sustainable and Intensified Agriculture in Africa
16.55 - 17.10 (+5)	<b>Erika Toda (Japan):</b> Development of Gene Expression System in Egg Cell and Zygote Isolated from Rice and Maize
17.15 - 17.30 (+5)	<b>Zilya Vershinina (Russian Federation):</b> Bacterial and Plant Agglutinins in the Creating Artificial Symbiotic Systems
<b>17.35 - 17.50</b>	<b>Closing Ceremony &amp; Conference Photo</b>
<b>19.00 - 21.30</b>	<b>Conference Dinner Party</b> -Traditional Austrian food and wine, located in one of Vienna's famous Restaurants <b>-Cost: 50,- EUR</b>