

5th International Conference Plant Transformation & Biotechnology (July 3 - 4)	
July 3 (Wednesday)	
08.00 - 17.00	Registration
09.00 - 09.20	Opening Welcome address by Alisher Touraev (Local Organizer, Austria) Welcome address by Jochen Kumlehn (Conference Co-Chair, Germany)
09.20 - 10.30	Keynote Lecture: Huw D Jones (United Kingdom): Potential Impact of Genome Editing in World Agriculture
10.30 - 11.00	Coffee break
11.00 - 12.30:	Session I: Methods & Mechanisms of Plant Transformation
<i>Chairs</i>	<i>Kan Wang (USA) & Huw D Jones (United Kingdom)</i>
11.00 - 11.25 (+5)	Kan Wang (USA): Towards Establishment of a Transformable Model Maize Line: Breeding Type II Embryogenic Callus Response Into Fast-Flowering Mini-Maize
11.30 - 11.45 (+5)	Manuel Lopez-Vernaza (Ireland): Genetic Improvement of the Ensifer-Mediated Transformation (EMT) Platform for Plant Genetic Engineering
11.50 - 12.05 (+5)	Hajer Ben Ghazlen (Belgium): Production of Hairy Root Culture of Peanut (<i>Arachis Hypogaea</i> L.)
12.10 - 12.25 (+5)	Lena Lachner (Norway): Culturing and Transformation of Parasitic <i>Cuscuta</i> Plants
12.30 - 14.00	Lunch + Poster Session (all numbers)
14.00 - 15.30	Session II: Transformation of Important Crops
<i>Chairs</i>	<i>Manoj Prasad (India) & Srinivas Belide (Australia)</i>
14.00 - 14.20 (+5)	Manoj Prasad (India): Advances in <i>Agrobacterium Tumefaciens</i> -Mediated Genetic Transformation of Gramineous Crops
14.25 - 14.45 (+5)	Srinivas Belide (Australia): Efficient Production and Evaluation of Transgenic Sorghum for Biosynthesis of Oil in Vegetative Tissues
14.50 - 15.05 (+5)	Nandini Bhogar (Belgium): Optimizing <i>Agrobacterium</i> Mediated Transformation in <i>Melia Volkensii</i>
15.10 - 15.25 (+5)	Sponsor Presentation: Berthold Technologies (Austria): TBA
15.30 - 16.00	Coffee break
16.00 - 17.30	Session III: Architecture & Elements of Transformation Vectors
<i>Chairs</i>	<i>Kostya Kanyuka (United Kingdom) & Manuel Lopez-Vernaza (Ireland)</i>
16.00 - 16.25 (+5)	Kostya Kanyuka (United Kingdom): VIGS and VOX for Gene Function Analysis in Cereals
16.30 - 16.45 (+5)	Iris Koeppel (Germany): A Versatile Modular Vector System for RNA-Guided

	CAS Endonucleases
16.50 - 17.05 (+5)	Fu Guo (China): Callus Initiation from Root Explants Employs Different Strategies in Rice and Arabidopsis
17.10 - 19.00	Welcome Reception + Poster Session (all numbers)
19.00 - 22.00	Conference Dinner Party Traditional Austrian food and wine, located in one of Vienna's famous 'Heurigen' Cost: 50,- EUR
July 4 (Thursday)	
08.00 - 17.00	Registration
09.00 - 10.30	Session IV: Plastid Transformation & Molecular Pharming
<i>Chairs</i>	<i>Yuri Gleba (Germany) & Marcello Donini (Italy)</i>
09.00 - 09.20 (+5)	Yuri Gleba (Germany): Non-Antibiotic Antibacterials Made in Plants: Applications for Medicine and Food Safety
09.25 - 09.45 (+5)	Marcello Donini (Italy): Current State-of-the-Art in Plant-based Antibody Production Systems
09.50 - 10.05 (+5)	Rage Emile (Italy): Plant-Based Platforms for the Production of an Avian Veterinary Vaccine
10.10 - 10.25 (+5)	Andrea Paola Castellanos Arévalo (Mexico): Amaranth Transgenic Hairy Roots Produced by Agrobacterium Rhizogenes-Mediated Transformation via Constitutive and Inducible Expression Systems
10.30 - 11.00	Coffee break
11.00 - 12.30	Session V: Site-Directed Genome Modification
<i>Chairs</i>	<i>Jochen Kumlehn (Germany) & Yuri Gleba (Germany)</i>
11.00 - 11.30 (+5)	Jochen Kumlehn (Germany): Targeted Genome Modification in Cereals - Methods and Applications
11.35 - 11.55 (+5)	Solmaz Khosravi (Germany): Live Imaging of Chromatin in Plant Cells: a Challenging Task for CRISPR
12.00 - 12.15 (+5)	Sang-Soo Kwak (South Korea): Sweetpotato Orange Gene (IbOr) Dramatically Increases both Carotenoid Contents and Abiotic Stresses in Transgenic Plants
12.20 - 14.00	Lunch + Poster Session (all numbers)
14.00 - 15.30	Session VI: Genetic Engineering of Useful Traits
<i>Chairs</i>	<i>David Ow (China) & Christian Hertig (Germany)</i>
14.00 - 14.25 (+5)	David Ow (China): Precise, Flexible and Affordable Gene Stacking for Crop Improvement
14.30 - 14.45 (+5)	Christian Hertig (Germany): Targeted Mutagenesis of BRANCHED HEAD Homoeoalleles Causes Alterations of Wheat Spike Architecture
14.50 - 15.05 (+5)	Robert Eric Hoffie (Germany): A Protoplast-Based Test System for Genome

	Engineering in Barley and Wheat
15.10 - 15.25 (+5)	Claudia Portillo Nava (Mexico): A DODA-like Gene is Involved in Stress Response in Amaranth
15.30 - 16.00	Coffee break
16.00 - 17.10	Session VII: Public Perception of Plant Biotechnology
<i>Chairs</i>	<i>Nigel Halford (United Kingdom) & Michael Eckerstorfer (Austria)</i>
16.00 - 16.30 (+5)	Nigel Halford (United Kingdom): Evaluation of EU Court Ruling on Site-Directed Mutagenesis
16.35 - 17.05 (+5)	Michael Eckerstorfer (Austria): Biosafety Considerations for Plants Developed by Genome Editing and Other New Genetic Modification Techniques (nGMs) and Consequences for their Regulation
17.10 - 17.30	Closing Ceremony & Conference Photo