

International Conference “Plant Genome Editing & Genome Engineering” (July 3-4, 2017)	
July 3 (Monday)	
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 Organizer, Austria)
09.20 - 10.20 (+10)	Keynote Lecture: Jeffrey D. Wolt (USA): Regulatory Aspects of Genome-Edited Crops
10.30 - 11.00	Coffee break
11.00 - 12.30	Session I: Genome Editing & Genome Engineering: New Frontiers
<i>Chairs</i>	<i>Keishi Osakabe (Japan) & Andreas Bachmair (Austria)</i>
11.00 - 11.25 (+5)	Keishi Osakabe (Japan): Current and Future of Genome Editing in Agricultural Products
11.30 - 11.45 (+5)	Shih-Shun Lin (Taiwan): Identification and Gene-Editing of MIR Genes in Haploid of the Liverwort <i>Marchantia Polymorpha</i>
11.50 - 12.05 (+5)	Masafumi Mikami (Japan): Genome Editing in Rice and Tobacco Using <i>Staphylococcus Aureus</i> Cas9 and <i>Francisella Novicida</i> Cpf1
12.10 - 12.25 (+5)	Krzysztof Michalski (Poland): Gene Editing of the Dormancy – Specific Loci in <i>Arabidopsis</i> : TALEN Design, Assembly and <i>In Vitro</i> Evaluation
12.30 - 14.00	Lunch + Poster Session (all numbers)
14.00 - 15.30	Session II: CRISPR – CAS 9 Systems
<i>Chairs</i>	<i>Huirong Gao (USA) & Sylvia de Pater (the Netherlands)</i>
14.00 - 14.25 (+5)	Sylvia de Pater (the Netherlands): CRISPR/Cas-Induced Double-Strand Break Repair in <i>Arabidopsis</i> Nonhomologous End-Joining Mutants
14.30 - 14.45 (+5)	Tomasz Oleszkiewicz (Poland): CRISPR/Cas9 Induced Knockouts of Carotenoid Gene Paralogs in Carrot
14.50 - 15.05 (+5)	Caterina D'Ambrosio (Italy): CRISPR-Cas9 Editing of Carotenoid Genes in Tomato
15.10 - 15.25 (+5)	Vera Karolina Schoft (Austria): CRISPR/Cas9 Service for Genome Engineering in <i>A. Thaliana</i>
15.30 - 16.00	Coffee break
16.00 - 17.30	Session III: CRISPR-CAS9 Technologies & Design
<i>Chairs</i>	<i>Choun-Sea Lin (Taiwan) & Vibha Srivastava (USA)</i>
16.00 - 16.20 (+5)	Vibha Srivastava (USA): CRISPR-Cas9 Application in Excising Marker Genes from Transgenic Plants
16.25 - 16.40 (+5)	Choun-Sea Lin (Taiwan): The Protoplast Application in CRISPR/Cas9 System: From Single Cell Detection to Target Mutant Regeneration

16.45 - 17.00 (+5)	Ward Decaestecker (Belgium): PSB-D and BY-2 Cell Suspension Cultures as a Model for CRISPR-Cas9 Gene Editing
17.05 - 17.20 (+5)	Soon Il Kwon (Korea): CRISPR-Cas9 Ribonucleoproteins (RNPs) Method for DNA-Free Genome Editing In Plants
17.25 - 19.00	<i>Poster Session (all numbers) + Welcome Reception</i>
July 4 (Tuesday)	
08.00 - 17.00	<i>Registration</i>
<u>09.00 - 10.30</u>	<u>Session IV: Applications of CRISPR-CAS9 in Plants</u>
<i>Chairs</i>	<i>Eszter Kapusi (Austria) & Toki Seiichi (Japan)</i>
09.00 - 09.25 (+5)	Seiichi Toki (Japan): A Removable and Compact Virus Vector System for Plant Genome Editing
09.30 - 09.45 (+5)	Rhian Howells (UK): Stable Editing of Wheat Genes using CRISPR/Cas9
09.50 - 10.05 (+5)	Huirong Gao (USA): Applications of CRISPR-Cas Enabled Advanced Breeding Technology in Trait Development and Integration in Maize
10.10 - 10.25 (+5)	Eszter Kapusi (Austria): Heritable Genomic Fragment Deletions and Small In-Dels in the Putative ENGase Gene Induced by CRISPR/Cas9 in Barley
10.30 - 11.00	<i>Coffee break</i>
<u>11.00 - 12.30</u>	<u>Session V: Genome Editing & Engineering for Crop Improvement</u>
<i>Chairs</i>	<i>Yuriko Osakabe (Japan) & Jeffrey D. Wolt (USA)</i>
11.00 - 11.20 (+5)	Yuriko Osakabe (Japan): Genome Editing in Higher Plants to Improve Plant Growth and Stress Responses
11.25 - 11.45 (+5)	Magdy M Mahfouz (Saudi Arabia): Engineering Virus Resistance in Plants via the CRISPR/Cas9 System
11.50 - 12.05 (+5)	Helga Zelenyánszki (Hungary): Gene Editing in Hordeum Vulgare: Basic Application of CRISPR/Cas9 in a Monocot Model Plant
12.10 - 12.25 (+5)	Nenad Malenica (Croatia): Ku70-Tagged CENH3 Fusions Induce Haploids in Arabidopsis Thaliana in a Size-Independent Manner
12.30 - 14.00	<i>Lunch + Poster Session (all numbers)</i>
<u>14.00 - 15.30</u>	<u>Session VI: Genome Editing & Engineering: Regulatory Aspects</u>
<i>Chairs</i>	<i>Joachim Schiemann (Germany) & Sylvie De Buck (Belgium)</i>
14.00 - 14.25 (+5)	Joachim Schiemann (Germany): Precise Plant Breeding Using New Genome Editing Techniques: Opportunity, Safety and Regulation
14.30 - 14.50 (+5)	Sylvie De Buck (Belgium): Technology Transfer and Capacity Building in Biotechnology and Biosafety for a Sustainable and Intensified Agriculture in Africa
14.55 - 15.10 (+5)	Wim Broothaerts (Belgium): The EU Official Control System on GM Food and Feed
15.15 - 15.25 (+5)	David Posé Padilla (Spain): Genome Editing of the Octoploid Fragaria × Ananassa using the CRISPR/Cas9 System
15.30 - 16.00	<i>Coffee break</i>

16.00 - 17.30	Session VII: Miscellaneous
<i>Chairs</i>	<i>Stefan Hiekel (Germany) & Rhian Howells (UK)</i>
16.00 - 16.15 (+5)	Stefan Hiekel (Germany): Haploid Induction after Targeted Mutagenesis of CENTROMERIC HISTONE 3 in Barley
16.20 - 16.35 (+5)	Aurelie Jouanin (The Netherlands): Modifying GLIADIN PROTEINS in Bread Wheat to Decrease the Risk of Coeliac Disease in Humans
16.40 - 16.55 (+5)	Alexandre Serero (France): Programming Sites of Meiotic Crossovers using Spo11 Fusion Proteins
17.00 - 17.30	Closing Ceremony & Conference Photo
19.00 - 21.30	Conference Dinner Party -Traditional Austrian food and wine, located in one of Vienna's famous Restaurants -Cost: 50,- EUR