

<b>3rd International Conference on “Plant Cells &amp; Tissue in Vitro” (July 1 - 2)</b>	
<b>July 1 (Monday)</b>	
<b>08.00 - 17.00</b>	<b>Registration</b>
09.00 - 09.20	<b>Opening</b> Welcome address by <b>Alisher Touraev (Local Organizer, Austria)</b>
09.20 - 10.30	<b>Keynote Lecture:</b> <b>Klaus Palme (Germany):</b> From Cellular Structure to Molecular Response: Phenotyping of Single Cells and Multicellular Organs Deciphers Signaling across Scales in Plants
<b>10.30 - 11.00</b>	<b>Coffee break</b>
<b>11.00 - 12.30:</b>	<b>Session I: Plant Cell Dedifferentiation &amp; Totipotency</b>
<i>Chairs</i>	<i>Hongwu Bian (China) &amp; Lin Xu (China)</i>
11.00 - 11.20 (+5)	<b>Hongwu Bian (China):</b> Callus Initiation from Root Explants Employs Different Strategies in Rice and Arabidopsis
11.25 - 11.45 (+5)	<b>Lin Xu (China):</b> Molecular Mechanism and Evolutionary Route of Plant Regenerative Abilities
11.50 - 12.05 (+5)	<b>Leor Eshed Williams (Israel):</b> The Molecular Mechanism Underlining Callus Cells Totipotency
12.10 - 12.25 (+5)	<b>Natalia Tikhenko (Germany):</b> Modifications of the Program in Embryo Development and Genome Structure of the Wheat-Rye Hybrids from Incompatible Crosses during Zygotic and Somatic Embryogenesis
<b>12.30 - 14.00</b>	<b>Lunch + Poster Session (all numbers)</b>
<b>14.00 - 15.30</b>	<b>Session II: Plant Cell Organogenesis &amp; Regeneration</b>
<i>Chairs</i>	<i>Akira Iwase (Japan) &amp; José Manuel Pérez-Pérez (Spain)</i>
14.00 - 14.20 (+5)	<b>Akira Iwase (Japan):</b> Wound-induced molecular network leading to plant regeneration
14.25 - 14.45 (+5)	<b>José Manuel Pérez-Pérez (Spain):</b> Regulation of Hormonal Control, Cell Reprogramming, and Patterning during De Novo Root Organogenesis
14.50 - 15.05 (+5)	<b>Fahriye Öcal Özdamar (Turkey):</b> In Vitro Investigations of Salt Stress Tolerance by H <sub>2</sub> O <sub>2</sub> Pretreatment in Eggplant Calluses
15.10 - 15.25 (+5)	<b>Klaudia Sychta (Poland):</b> Cells of Viola Species are highly tolerant to heavy Metals – Survive, Accumulate, Divide after Metal Treatment
<b>15.30 - 16.00</b>	<b>Coffee break</b>
<b>16.00 - 17.30</b>	<b>Session III: Somatic Embryogenesis</b>
<i>Chairs</i>	<i>Klaus Palme (Germany) &amp; Manuel Lopez Vernaza (Ireland)</i>
16.00 - 16.20 (+5)	<b>Manuel Lopez Vernaza (Ireland):</b> A Proteomic Approach to Investigate Somatic Embryogenesis in Triticum Aestivum L. (Wheat) Variety Fielder

16.25 - 16.45 (+5)	<b>Václav Motyka (Czech Republic):</b> The Hormonome of in Vitro Developing Norway Spruce Somatic Embryos
16.50 - 17.05 (+5)	<b>Varvara Tvorogova (Russia):</b> New Regulators of Somatic Embryogenesis in Medicago Truncatula
17.10 - 17.25 (+5)	<b>Barbara Wójcikowska (Poland):</b> Trichostatin A improves in Vitro Plant Regeneration of Barley (Hordeum vulgare L.)
17.30 - 19.00	<b>Welcome Reception + Poster Session (all numbers)</b>
19.00 - 22.00	<b>Conference Dinner Party</b> Traditional Austrian food and wine, located in one of Vienna's famous 'Heurigen' <b>Cost: 50,- EUR</b>
<b>July 2 (Tuesday)</b>	
<b>08.00 - 17.00</b>	<b>Registration</b>
<b>09.00 - 10.30</b>	<b>Session IV: Haploids &amp; Doubled Haploids</b>
<i>Chairs</i>	<i>Pilar Testillano (Spain) &amp; Agnieszka Kiełkowska (Poland)</i>
09.00 - 09.20 (+5)	<b>Pilar Testillano (Spain):</b> Microspore Embryogenesis: Targeting the Determinant Factors of Stress-Induced Cell Reprogramming and Totipotency to Improve DH Production in Crop and Forest Species
09.25 - 09.45 (+5)	<b>Agnieszka Kiełkowska (Poland):</b> Haploidization in carrot (Daucus carota L.) induced by wide pollination and ovule excision in vitro
09.50 - 10.05 (+5)	<b>Csaba Lantos (Hungary):</b> Induced Androgenesis in Anther and Isolated Microspore Culture of Spelt Wheat (Triticum Spelta L.)
10.10 - 10.25 (+5)	<b>Mehran E. Shariatpanahi (Iran):</b> Improvement of Embryogenesis in Anther Versus Shed Microspore Culture of Rice (Oryza Sativa L.)
<b>10.30 - 11.00</b>	<b>Coffee break</b>
<b>11.00 - 12.30</b>	<b>Session V: Plant Cell Suspensions/Bioreactors</b>
<i>Chairs</i>	<i>Stefan Schillberg (Germany) &amp; Elena Carneros García (Spain)</i>
11.00 - 11.20 (+5)	<b>Stefan Schillberg (Germany):</b> Plant Suspension Cultures for Industrial Applications
11.30 - 11.45 (+5)	<b>Elena Carneros García (Spain):</b> DNA Demethylation by 5-Azacytidine Promotes Proliferation of Somatic Embryos in Cork Oak
11.50 - 12.05 (+5)	<b>Nino Murvanidze (Belgium):</b> Fluorine containing Topolin Cytokinins for Phalaenopsis Micropropagation
12.10 - 12.25 (+5)	<b>Alvaro Eserverri (Spain):</b> Chloroplast Import of Nuclear-Encoded eGFP Protein in Rice Driven by Several Transit Peptides
12.30 - 14.00	<b>Lunch + Poster Session (all numbers)</b>
<b>14.00 - 15.30</b>	<b>Session VI: Plant Micropropagation</b>
<i>Chairs</i>	<i>Jean Carlos Cardoso (Brazil) &amp; Pedro P. Gallego (Spain)</i>

14.00 - 14.20 (+5)	<b>Jean Carlos Cardoso (Brazil):</b> Micropropagation in Twenty-First Century: Increasing Efficiency and Reducing Costs
14.25 - 14.45 (+5)	<b>Pedro P. Gallego (Spain):</b> Predicting Optimal In Vitro Culture Medium for Pistacia Vera Micropropagation Using Neural Networks Models
14.50 - 15.05 (+5)	<b>Huayi Li (The Netherlands):</b> The Relation Between Transpiration and Growth in in Vitro Micropropagation, Exemplified in Malus Domestica 'Gala' Plantlets
15.10 - 15.25 (+5)	<b>Maroua Grira (Belgium):</b> Topolin Cytokinins for Micropropagation of Elite Tropical Timber Wood Tree Species
15.30 - 16.00	<b>Coffee break</b>
<b>16.00 - 16.40</b>	<b>Session VII: New Technologies &amp; Applications</b>
<i>Chair</i>	<i>Klaus Palme (Germany)</i>
16.00 - 16.15 (+5)	<b>Saurabh Pandey (Germany):</b> High Content Screening (HCS) to Improve Efficiency of Plant Protoplast Regeneration
16.20 - 16.35 (+5)	<b>Elena Kozar (Russia):</b> Factors Increasing the Yield Embryoids of Radish in Culture of Isolated Microspore in Vitro
16.40 - 17.00	<b>Closing Ceremony &amp; Conference Photo</b>