

# Preliminary Program

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Sunday, September 27, 2015	
17:00-18:30	<b>Registration and poster setup</b> (ISA)
18:30-20:00	<b>Welcome reception</b> (ISA cellar)

Monday, September 28, 2015	
8:00 - 8:30	<b>Registration and poster setup</b> (ISA)
8:40 - 9:00	<b>Welcome address and Introduction to the COST Action FA1106 Annual Meeting</b> (Sala de Atos - ISA Conference room)  <b>Amarilis Varennes de Mendonça</b> (ISA President)  <b>Sara Amancio</b> (Local Organiser)  <b>Mondher Bouzayen</b> (Chair) - <b>Mario Pezzotti</b> (Vice-Chair)
SESSION 1	<b>“Fruit Development and Ripening”</b> (Sala de Atos - ISA Conference room)  <b>Chairs: M. Pezzotti – M. Bouzayen</b>
9:00 - 9:30	<b>Giovanni Giuliano</b> (ENEA, 00123 Roma, Italy)

	<i>Concerted transcriptional-metabolic remodeling underlies the transition from green-fruited to red-fruited tomato species</i>
9:30 - 9:50	<b>Sara Zenoni</b> , (University of Verona, Italy) <i>Identification of putative regulators of the vegetative-to-mature transition in grapevine by an integrated network analysis</i>
9:50 - 10:10	<b>Mathilde Orsel</b> (INRA, Angers, France ) <i>Multiscale investigation of mealiness in apple: an atypical role for a pectin methylesterase during fruit maturation.</i>
10:10 - 10:30	<b>Bruna. L. Gomes</b> (Univ. Sao Paulo, Brazil and Univ. of Toulouse, France) <i>Ethylene Response Factors involved in tomato fruit ripening and their connection to master regulators of the ripening process</i>
<b>10:30-11:00</b>	<b>Coffee break</b>

SESSION 1 (continue)	<b>“Fruit Development and Ripening”</b> (Sala de Atos - ISA Conference room) <b>Chairs: S. Amancio – A. Granell</b>
11:00-11:30	<b>Philippe GALLUSCI</b> (Bordeaux University, Villenave d’Ornon, France) <i>Active DNA demethylation is a necessary epigenetic trigger for tomato fruit ripening</i>
11:30-11:50	<b>Panos Kalaitzis</b> , (MAICh, Crete, Greece)

	<i>Suppression of tomato prolyl 4 hydroxylase 3 results in alterations on fruit development, ripening, nutritional content and abscission</i>
11:50-12:10	<b>Carmen Leida</b> (Fondazione E. Mach, S. Michele all'Adige, Italy).  <i>Transcriptional changes undergoing in a Vitis vinifera transgenic line overexpressing vverf045</i>
12:10-12:30	<b>Franciszek Adamicki</b> (Institute of Horticulture, Skierniewice, Poland)  <i>Effect of 1-mcp treatment on storage potential of tomato fruit</i>
<b>12:30-14:00</b>	<b>Lunch</b> (Main Hall, ISA)
<b>SESSION 2</b>	<b>“Environment factors determining fruit yield and quality”</b> (Sala de Atos - ISA Conference room)  <b>Chairs: S. Delrot – P. Kalaitzis</b>
14:00-14:30	<b>Abdelaziz Smouni</b> (Université Mohammed V, Rabat, Marocco)  <i>Auxin signaling as a potential target to improve salt and drought tolerance and fruit quality in tomato</i>
14:30-14:50	<b>Noam Alkan</b> (Volcani Center, Bet Dagan, Israel)  <i>Evaluation of chilling response of mango fruit by physiological, microscopic, metabolic and transcriptomic analysis</i>
14:50-15:10	<b>Nicolaos Tzortzakis</b> (Cyprus University of Technology, Cyprus)  <i>Effect of silicon and zinc on tomato fruit quality in high salinity</i>

15:10-15:30	<p><b>Gyula Váradi</b> (Corvinus University of Budapest, Hungary)</p> <p><i>UV-b effects on berry skin phenolics of 'kékfrankos' (Vitis vinifera) winegrapes</i></p>
15:30-16:00	<b>Coffee break</b>
<p><b>SESSION 2</b></p> <p><b>Continue</b></p>	<p><b>“Environment factors determining fruit yield and quality”</b> (Sala de Atos - ISA Conference room)</p> <p><b>Chairs: H. Geros – M. Causse</b></p>
16:00-16:30	<p><b>Amnon Lichter</b> (The Volcani Research Center, Bet Dagan, ARO, Israel)</p> <p><i>Potential role of water loss in uneven distribution of flavor components in table grapes</i></p>
16:30-16:50	<p><b>Michaela Griesser</b> (University Vienna, Austria)</p> <p><i>Looking behind the physiological ripening disorder Berry Shivel</i></p>
16:50-17:10	<p><b>Ivan A. Paponov</b> (Norwegian Inst. of Bioeconomy Research, Norway)</p> <p><i>Reduction of blossom end rot of tomato fruits by reducing potassium concentration in nutrient solution at night.</i></p>
17:10-17:30	<p><b>Maite Sanchez - Ballesta</b> (ICTAN-CSIC, Madrid, Spain)</p> <p><i>Involvement of the ethylene response transcription factors (erfs) in maintaining the quality of table grapes treated with high levels of co2 during storage at low temperatures</i></p>

17:30 – 19:00	<b>Poster session (Main Hall, ISA)</b>
<b>Tuesday, September 29, 2015</b>	
<b>SESSION 3</b>	<p><b>“Fleshy Fruit Metabolism and quality”</b>(Sala de Atos - ISA Conference room)</p> <p><b><i>Chairs: G. Cramer – M. Zouine</i></b></p>
9:00- 9:30	<p><b>Paul Fraser</b> (Royal Holloway University of London, UK)</p> <p><i>From discovery to products: a next generation pipeline for the sustainable generation of high-value plant products from Solanaceae</i></p>
9:30- 9:50	<b>Ana M. Fortes</b>

	<p>(University of Lisboa, Portugal.)</p> <p><i>Polyamine catabolism plays an important role in grape ripening</i></p>	
9:50- 10:10	<p><b>Sladjana Savi#</b> (John Naisbitt University, Serbia)</p> <p><i>Tomato fruit quality under regulated deficit irrigation</i></p>	
10:10- 10:305	<p><b>Gabriela R#peanu</b> (Univ. of Gala#, Romania &amp; Univ. of Ljubljana, Slovenia )</p> <p><i>Phenolic composition of two romanian varieties grapes at full maturity</i></p>	
10:30-11:00	<p><b>.Coffee break</b></p>	

<b>SESSION 3 continue</b>	<p><b>.“Fleshy Fruit Metabolism and quality”</b> (Sala de Atos - ISA Conference room)</p> <p><b><i>Chairs: A. Lichter – M. Rocheta</i></b></p>	
11:00- 11:30	<p><b>Nancy Terrier</b> (INRA- Supagro, Montpellier, France)</p> <p><i>Genetics determinism of wine astringency: highlight of a gene involved in the regulation of proanthocyanidin degree of polymerization</i></p>	
11:30- 11:50	<p><b>Junqi Zhu</b> (INRA, Université de Bordeaux, Villenave d’Ornon, France)</p>	

	<p><i>Integrating xylem and phloem fluxes at a whole-plant model for simulating grape berry growth</i></p>	
11:50- 12:10	<p><b>Vassileios Fotopoulos</b> (Cyprus University of Technology, Limassol, Cyprus)</p> <p><i>Characterization of lycopene biosynthesis and evaluation of antioxidant activity in fruits of five tomato varieties</i></p>	
12:10- 12:30	<p><b>Violeta Nour</b> (University of Craiova, Romania)</p> <p><i>Bioactive compounds, antioxidant activity and color of hydroponic tomato fruits at different stages of ripening</i></p>	



12:30– 14:00	Lunch	
SESSION 4	<p><b>“Diversity, domestication and breeding”</b>  Sala de Atos - ISA Conference room)</p> <p><b>Chairs: A. Kanellis – A. Fortes</b></p>	
14:00 - 14:30	<p><b>Mathilde Causse</b>  (INRA Montfavet, France)</p> <p><i>Genetic control of tomato plant and fruit quality traits in water stress conditions: from phenotypes to genes.</i></p>	
14:30-14:50	<p><b>S. Domingos</b>  (Instituto de Investigação Científica Tropical; Instituto Superior de</p>	

	<p>Agronomia, Universidade de Lisboa, Lisbon, Portugal)</p> <p><i>Flower thinning for seedless table grape quality: understanding abscission triggered by different stimuli</i></p>	
14:50 - 15:10	<p><b>J. Lucas Coito</b> (Universidade de Lisboa, Portugal)</p> <p><i>A player and a genetic marker for sex in Vitis vinifera sylvestris</i></p>	
15:30 - 16:00	<b>Coffee Break</b>	

<p><b>SESSION 5</b></p>	<p><b>“Resources, tools and methodologies for fleshy fruit research”</b>  (Sala de Atos - ISA Conference room)</p> <p><b><i>Chairs: M. T. Sanchez – JM Routaboul</i></b></p>	
<p>16:00 - 16:30</p>	<p><b>Antonio Granell (CSIC, Valencia-Spain)</b></p> <p><i>GoldenBraid, a multigene assembly platform for fruit quality engineering and editing</i></p>	
<p>16:30 - 16:50</p>	<p><b>Grant R. Cramer</b>  (University of Nevada, Reno Reno, USA)</p> <p><i>Five Omic Technologies Are Concordant in Differentiating the Biochemical Characteristics</i></p>	

	<p><i>of the Berries of Five Grapevine (Vitis vinifera L.) Cultivars</i></p>	
16:50 - 17:10	<p><b>Aude Habran</b> (STSM) (INRA, Univ. Bordeaux, France)</p> <p><i>A metabolomic approach of scion x rootstock x nitrogen interactions on berry content</i></p>	
17:10 – 17:30	<p><b>Gianfranco Diretto</b> (STSM) (ENEA, Rome, Italy)</p> <p><i>Global Metabolic Profiling of volatiles and non volatiles of valuable Italian and Spanish grapevines</i></p>	
17:30 – 18:30	<p>Visit to ISA vineyard and presentation</p>	

		of VINBOT project	
<i>20:00</i>		<i>Social dinner</i>	
<b>Wednesday, September 30, 2015</b>			
<b>09:00-10:30</b>	<b>Working Group parallel sessions</b>		
<b>10:30 - 11:00</b>	<b>Coffee break</b>		
<b>11:00 - 11:45</b>	<b>Working Group restitution by WG leaders</b>		
<b>11:45 - 12:45</b>	<b>General discussion</b>		
<b>12:45</b>	<b>Lunch</b>		
<b>End of general meeting</b>			
<b>14:00 - 16:00</b>	<b>MC meeting (attendance restricted to Committee Members)</b>		