



**10th International Conference on Grapevine Breeding and Genetics  
Schedule Overview**

Date	Time	Session	Topic
Sunday August 1	6:00-9:00 PM	Welcome reception	(at Smith Opera House)
Monday August 2	8:30-8:40 AM	Opening Comments	
	8:40-10:05 AM	Oral Session 1	Pest and Disease Resistance I
	10:35-12:30 PM	Oral Session 2	Pest and Disease Resistance II
	12:30-1:30 PM	(lunch at Scandling Center)	
	1:30-3:00 PM	Poster Session 1	Berry quality; Adaptation to soils and climates; Genomics, transcriptomics, proteomics, and metabolomics; and Transgenic research
	3:00-5:40 PM	Oral Session 3	Grapevine Breeding: Techniques, Goals, and Strategies
Tuesday August 3	8:00-10:10 AM	Oral Session 4	Genomics, Transcriptomics, Proteomics and Metabolomics I
	10:40-12:35 PM	Oral Session 5	Genomics, Transcriptomics, Proteomics and Metabolomics II
	12:15-1:15 PM	(lunch at Scandling Center)	
	1:30-6:00 PM	Field Tour of NYS Agricultural Experiment Station, USDA-ARS units	
	6:30 PM- ?	"Dinosaur Bar B Que" at Station Pavilion	
Wednesday August 4	8:00-10:10 AM	Oral Session 6	Abiotic and Biotic Stress Tolerance
	10:40-12:35 PM	Oral Session 7	Genetics of Fruit Quality & Transgenic Research
	12:35-1:30 PM	(lunch at Scandling Center)	
	1:30-3:00 PM	Poster Session 2	Grapevine germplasm: Conservation and analysis; Breeding techniques, goals and strategies; Pest and disease resistance
	4:00 PM	Departure for evening banquet; winery stop en route	
	6:00 PM	Arrival at Watkins Glen Harbor Hotel, reception, wine tasting	
	7:00 PM	Dinner, entertainment by "Cool Club"	
	10:00 PM	Return to Geneva	
Thursday August 5	8:00-10:00 AM	Oral Session 8	Grapevine Genetic Resources - Parentage, Population Genetics, Fingerprinting
	10:30-12:00 PM	Oral Session 9	Breeding for Quality
	12:00-1:00 PM	(lunch at Scandling Center)	
	1:30 PM	Post conference tour	Tour to Keuka Lake vineyards and Hunt Country winery
	6:30 PM	Dinner at Chateau Esperanza	
Friday August 6	10:00 AM	Post conference tour	Casa Larga Vineyards
		Drive through Lake Ontario tree fruit production region	
		Continue to Niagara Falls	
		Lunch at Hamlin Beach State Park, Lake Ontario	

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Saturday August 7	Post conference tour	Maid of the Mist boat ride to base of Niagara Falls Optional walk to the "Cave of the Winds"
	1:30 PM	depart Niagara Falls
	5:30 PM	stop at Buffalo (2:30 PM) and Rochester Airports (4:00 PM) Geneva

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**Welcome Reception at the Smith Opera House, 82 Seneca St., Geneva**

**Sunday, August 1, 2010**

**6:00 to 9:00 PM**

**(Wine, hot and cold Hors D'Oeuvres served)**

<b>Time</b>	<b>Presenter</b>	<b>Topic</b>
7:00-7:45 PM	<b>Tom Burr</b> , Associate Dean, College of Agriculture and Life Sciences & Director, NYS Agricultural Experiment Station, Cornell University	Welcome on behalf of Cornell's College of Agriculture and Life Sciences and the NYS Agricultural Experiment Station
	<b>Dariusz Swietlik</b> , Area Director, North Atlantic Area, Agricultural Research Service, U.S. Department of Agriculture	Welcome on behalf of the U.S. Department of Agriculture - Agricultural Research Service
	<b>Ben Ami Bravdo</b> , Professor of Viticulture and Enology, The Hebrew University of Jerusalem & Chair, ISHS Section on Vine and Berry Fruits	Welcome on behalf of the International Society for Horticultural Science
	<b>James Trezise</b> , President, New York Wine & Grape Foundation	Welcome on behalf of the New York State Wine and Grape Industry
	<b>Mayor Stu Einstein</b> , City of Geneva, New York	Welcome on behalf of the City of Geneva, New York
	<b>Bruce Reisch</b> , Professor of Grapevine Breeding and Genetics, Cornell University & Convener of the 10th International Conference on Grapevine Breeding and Genetics	A brief history of grapevine breeding and genetics at the New York State Agricultural Experiment Station



## Monday August 2, 2010

### Opening Plenary Session

8:30-8:40 AM

8:30-8:40	Welcome to the Symposium	Bruce Reisch, Peter Cousins
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### Oral Session 1: Pest and Disease Resistance I

8:40-10:05 AM

Session Chair: Andy Walker, University of California, Davis, USA

Time	Oral Abstract Number	Title	Presenter
8:40-9:20	K-1	Keynote: Recent progress in understanding the genetics of pest and disease resistance in <i>Vitis</i>	Ian Dry
9:20-9:35	O-1	Genetic Mapping of <i>REN1</i> : A powdery mildew resistance gene present in two central Asian grapevines	C. Coleman
9:35-9:50	O-2	Additional homologs of the <i>Ren1</i> locus exist in Middle Eastern <i>Vitis vinifera</i>	S. Riaz
9:50-10:05	O-3	New generation of resistant table grape cultivars	S. Hoffmann
10:05-10:35	Coffee, Juice and Snack Break		

### Oral Session 2: Pest and Disease Resistance II

10:35 AM-12:30 PM

Session Chair: Jiang Lu, Florida A&M University, USA

Time	Oral Abstract Number	Title	Presenter
10:35-10:50	O-4	Introduction of application of Chinese wild <i>Vitis</i> species in China	Y. Wang
10:50-11:05	O-5	Identification of an R2R3 transcription factor involved in the regulation of the stilbene synthase pathway in grapevine	A. Vannozzi
11:05-11:20	O-6	Breeding for durable resistance to downy and powdery mildews in grapevine	D. Merdinoglu
11:20-11:35	O-7	Sequencing of the phylloxera resistance locus <i>Rdv1</i> of cultivar 'Börner'	L. Hausmann
11:35-11:50	O-8	Dissecting the genetic determinants of powdery mildew resistance in grape	E. Zyprian
11:50-12:05	O-9	Dissection of defense pathways in the grapevine-powdery mildew interaction by employing <i>Arabidopsis</i> defense-related mutants	W. Qiu
12:05-12:20	O-10	Development of molecular markers for powdery mildew resistance in grapevines	S. Mahanil
12:20-12:30	Summation of afternoon poster session		A. Nassuth, E. Rühl
(12:45-2:45 PM)	<i>(Grapevine CGC meeting; Creedon Room)</i>		(A. Walker, Chair)
12:30-1:30	Lunch at the Scandling Center		

Poster Number	Title	Presenter
<b>Topic: Berry quality</b>		
P-1	Genetic characterization based on the best linear unbiased predictor (BLUP) of traits related to the cluster architecture of <i>Vitis vinifera</i> L.	P. Hinrichsen
P-2	<i>PMEI</i> and <i>SPY</i> : Two genes with possible roles in seed and berry development in table grapes ( <i>Vitis vinifera</i> L.)	X. Casanueva
P-3	Identification of genes related to stenospermocarp in table grape ( <i>Vitis vinifera</i> L.)	X. Casanueva
P-4	Gene-assisted selection for table grape breeding: Validation of a molecular marker for seedlessness	N. Mejia
P-5	Inheritance of some fruit quality characters in <i>Vitis vinifera</i> grapes	S.H. Li
P-6	Polyphenolic potential of the rare Croatian variety Dobricic ( <i>Vitis vinifera</i> L.)	I. Budic-Leto
P-7	Impact of human selection on the allelic diversity of genes involved in the anthocyanin pathway	P. This
P-8	Monoterpene levels in different grapevine ( <i>Vitis vinifera</i> L.) cultivars and clones during fruit ripening	M. Nitsch
P-9	A molecular marker system for the identification of the colour-locus in different tissues of grapevine ( <i>Vitis vinifera</i> L.)	N. Ruh
P-10	Usefulness of the SCC8 SCAR marker linked to seedlessness in fungus resistant table grape breeding	T. Deak
P-11	Drawing links from transcriptome to metabolites: The evolution of Muscat aroma in the ripening berry	L. Costantini
P-12	The onset of berry ripening is characterized by hydrogen peroxide accumulation and lipid peroxidation	C. Moser
P-13	Ripening-related ethylene responsive factor characterization by <i>Agrobacterium</i> -mediated stable gene transfer in grapevine	A. Dal Ri
P-14	Morphological characteristics of cracking susceptible Korean table grapes, 'Heukgoosul' and 'Tamnara'	I.-C. Son
P-15	Characteristics of berry growth in tetraploid table grapes with different cracking susceptibilities in Korea	H.-K. Lim
P-16	A genetic analysis of berry quality traits in Spanish red wine grapes	C. Menendez
P-17	Genetic analysis of wine grape high-quality ripening on the Monastrell x Syrah progeny	A. Bayo-Canha
P-18	Use of molecular markers for seedlessness in grapevine breeding	M. Akkurt
P-19	The aroma-forming substances of hybrid seedlings of grape	A. Kataenko
P-20	Characterization of key components associated with the hormone signaling pathway that initiates berry ripening	L. Deluc
P-21	Anthocyanin profiling in the berry skins of five <i>Vitis amurensis</i> grapes and one related hybrid cultivar	F. He
P-22	Expression of early light inducible proteins (ELIPs) during the transition to autotrophy of <i>Vitis vinifera</i> L. leaves	D.E. Olivares
P-23	Changes of content and antioxidant activities of phenolic compounds during gibberellin-induced development of seedless muscat grapevine	T. Shu-fen

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**Topic: Adaptation to soils and climates**

P-24	The development of molecular markers for <i>Vitis riparia</i> to use in interspecific breeding for freezing tolerance	A. Nassuth
P-25	Improving sustainable water use in grape production using a Drought Biomarker Detection (DBD) tool	S. Lund
P-26	Identification of ABA inducible genes from cold-hardy <i>Vitis amurensis</i> Rupr. Cv. Zuoshan-1 by suppression subtractive hybridization	Y. Zhang
P-27	Identification and applications of polyploidy in Muscadine grape ( <i>Vitis rotundifolia</i> Michx.) breeding	X. Xu
P-28	In vitro selection of HYP tolerant cell lines from 'Chardonnay' embryogenic suspension culture	R. He
P-29	NCED expression and ABA concentrations vary with genotype in response to water deficit	D. Hopper

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**Topic: Genomics, transcriptomics, proteomics, and metabolomics**

P-30	In silico SNP detection for genes of the anthocyanin metabolism in <i>Vitis</i>	V. Quecini
P-31	Grape berry development proteome: protein extraction and resolution by two-dimensional gel electrophoresis	P. Hinrichsen
P-32	<i>Vitis vinifera</i> genome annotation improvement using next-generation sequencing technologies and NCBI public data	P. Hinrichsen
P-33	Analysis of expressed sequence tags from <i>Vitis vinifera</i> flower and fruit and electronic mapping of new ESTs	J. Fang
P-34	Genome-wide identification of grapevine specific genes	Z.-M. Cheng
P-35	Evidence of a Ubiquitin Fusion Degradation 1 gene family in grapevine ( <i>Vitis vinifera</i> L.)	L. Wei
P-36	Looking for genetic polymorphisms through clonal variation of Pinot noir	G. Carrier
P-37	SNiPlay, a web application for SNP analysis	P. This
P-38	Characterization of a new hormone in grape and analysis of its influence on grape development processes	A. Keren-Keiserman
P-39	Skin proteomic comparison among four grape cultivars with different anthocyanin contents	A.S. Negri
P-40	Towards a characterization of the PR-10 gene family in grapevine	A. Polverari
P-41	Assessing the genetic variability of grape clones	S. Vezzulli
P-42	Phenotypic plasticity in <i>Vitis vinifera</i> : how environment shapes wine	S. Dal Santo
P-43	Proteomic characterization of downy mildew-infected grapevine plants	A. Polverari
P-44	Transcriptomic characteristics of an Oriental cultivar of <i>Vitis vinifera</i> , Koshu	N. Goto-Yamamoto
P-45	Preliminary observations on the role of sirtuin genes in grapevine physiology	L. Bavaresco
P-46	Defense response to downy mildew in grapevine: Learning from transcriptomics and metabolomics	M.S. Pais
P-47	Grape berry cuticle under water deficits. Morphological, metabolomic and proteomic analysis	O. Zarrouk

P-48	Cioutat, a somatic variant from Chasselas exhibiting a programmed cell death-like phenotype	D. Lijavetzky
P-49	Characterization of grape <i>GAI</i> promoter in <i>Arabidopsis</i>	Y. Yang
P-50	Estimation of protein spot variability in 2-D gels	G. Cramer
P-51	Berry skin development of grape variety Norton exhibits distinct expression patterns of genes in defense and flavonoid pathways and unique profiles of flavonoid compounds	W. Qiu
<b>Topic: Transgenic research</b>		
P-52	Establishment of virus-resistance in grapevine rootstocks	G. Reustle
P-53	Marker-free transgenic grapevines using the Cre/lox recombination system	G. Buchholz
P-54	Towards a deep understanding of the function of grape flavonoid regulators VvMYB5a and VvMYB5b	M. Fasoli
P-55	<i>Agrobacterium rhizogenes</i> -mediated induction of transgenic hairy roots in <i>Vitis</i> species	Y. Jittayasothorn
P-56	Multifactorial analysis of the fungal tolerance in genetically modified grapevine plants: Defining prototypes for commercial purposes	P. Barba
P-57	Phenotypic evaluation of 'Thompson Seedless' grapes transformed with <i>AtNHX1</i> growing in hydroponics and potted soils	C. Aguero

2:30-3:00 PM

Coffee, Juice and Snack Break by Poster Session

### Oral Session 3: Grapevine Breeding: Techniques, Goals, and Strategies

3:00-5:40 PM

Session Chair: Peter Cousins, USDA-ARS Grape Genetics Research Unit, USA

Oral Abstract			
Time	Abstract Number	Title	Presenter
3:00-3:40 PM	K-2	Keynote: Progress in grapevine breeding	Rudolf Eibach
3:40-3:55	O-11	Recent trends and technologies for the improvement of seedless table grape breeding in Israel	A. Perl
3:55-4:10	O-12	Low-pressure selection for new grape crossings (Riesling italico x Pinot noir; Riesling italico x Chardonnay)	L. Bavaresco
4:10-4:25	O-13	Brazilian grape breeding program	P. Ritschel
4:25-4:40	O-14	Tetraploid table grape breeding in Japan	N. Mitani
4:40-4:55	O-15	Development of rootstocks for Australian conditions	B. Smith
4:55-5:10	O-16	Comparative cold hardiness of new cold climate cultivars and University of Minnesota breeding selections	P. Hemstad
5:10-5:25	O-17	The introduction, breeding, and extension of wine grape in China	L. Wang
5:25-5:40	O-18	Table grape breeding at the ARC INFRUITEC-Nietvoorbij, South Africa; Its impact on the SA industry and latest developments	P. Burger

6:00-8:00 PM

Dinner at the Scandling Center

**Tuesday August 3, 2010**

**Oral Session 4: Genomics, Transcriptomics, Proteomics and Metabolomics I** **8:00-10:10 AM**  
**Session Chair: Reinhard Töpfer, Institut für Rebenzüchtung Geilweilerhof, Germany**

<b>Time</b>	<b>Oral Abstract Number</b>	<b>Title</b>	<b>Presenter</b>
8:00-8:40	K-3	Keynote: Grapevine genome update and beyond	Anne-Françoise Adam-Blondon
8:40-8:55	O-19	Integrated analysis of transcriptome and metabolome to understand grapevine development and its relation to wine attributes	H. Pena-Cortes
8:55-9:10	O-20	Deciphering the chromosome structure in <i>Vitis vinifera</i> : Genetic mapping, BAC-FISH and recombination	A. Canaguier
9:10-9:25	O-21	Identification and functional characterization of potential targets for genetic improvement of grape berry quality	S. Delrot
9:25-9:40	O-22	Identification of table grapes genes related to seedlessness, berry size and GA-responsiveness by functional genomics	P. Hinrichsen
9:40-9:55	O-23	Coordinate induction of anthocyanin biosynthetic pathway genes by <i>VvMybAs</i>	P.R. Poudel
9:55-10:10	O-24	Metagenomic sequencing as a tool to elucidate etiology - the case of the virome of a vineyard	J.T. Burger

10:10-10:40 Coffee, Juice and Snack Break

**Oral Session 5: Genomics, Transcriptomics, Proteomics and Metabolomics II** **10:40 AM-12:35 PM**  
**Session Chair: Gabriele Di Gaspero, University of Udine, Italy**

<b>Time</b>	<b>Oral Abstract Number</b>	<b>Title</b>	<b>Presenter</b>
10:40-10:55	O-25	A gene expression map of <i>Vitis vinifera</i> cv. Corvina development	M. Pezzotti
10:55-11:10	O-26	Regulation of bud fruitfulness by floral meristem identity genes - Unique version of the <i>Arabidopsis</i> model?	E. Or
11:10-11:25	O-27	Transcriptional analysis of inflorescence and tendril development	J. Diaz-Riquelme
11:25-11:40	O-28	Haplotype structure and cluster phenotype associations for the <i>VvTFL1A</i> gene	L. Fernandez
11:40-11:55	O-29	Towards understanding the mechanisms of host resistance to downy mildew disease of grapevine by using genome wide expression profiling analysis	J. Lu
11:55-12:10	<i>(Announcements; information on Grapevine Phys. and Biotech. Meeting in Chile)</i>		

12:15-1:15 Lunch at Scandling Center

**Field Tour of New York State Agricultural Experiment Station, USDA-ARS units** **1:30 PM till evening**  
**Tour Leader:**

<b>Time</b>	<b>Topic</b>	<b>Presenter</b>
<i>(under development)</i>		
6:30 - ?	"Dinosaur Bar B Que" at the Experiment Station Pavilion < <a href="http://www.dinosaurbarbque.com/">http://www.dinosaurbarbque.com/</a> >	



**Wednesday August 4, 2010**

**Oral Session 6: Abiotic and Biotic Stress Tolerance**

**8:00-9:55 AM**

**Session Chair: Annette Nassuth, University of Guelph, Canada**

Oral			
Time	Abstract Number	Title	Presenter
8:00-8:40	K-4	Keynote: Genetics and genomics of grapevine responses to abiotic stress	Anne Fennell
8:40-8:55	O-30	Function of <i>Vitis</i> CBF transcription factors in stress tolerance	A. Nassuth
8:55-9:10	O-31	Mapping genetic loci for tolerance to iron induced chlorosis in grapevine ( <i>Vitis vinifera</i> L.)	P.-F. Bert
9:10-9:25	O-32	Integrating ecophysiology and quantitative genetics to analyse the control of transpiration by the rootstock under drought conditions.	E. Marguerit
9:25-9:40	O-34	Cloning and characterization of the dagger nematode resistance gene, <i>XiRI</i>	C.-F. Hwang
9:40-9:55	O-35	QTL analysis of predatory mite abundance and leaf morphology traits in a hybrid grape population	C. Owens
9:55-10:25 Coffee, Juice and Snack Break			

**Oral Session 7: Genetics of Fruit Quality & Transgenic Research**

**10:25 AM-12:20 PM**

**Session Chair: Nami Goto-Yamamoto, National Research Institute of Brewing, Japan**

Oral			
Time	Abstract Number	Title	Presenter
10:25-10:40	O-36	New insight into the genetics of color in grape	A. Fournier-Level
10:40-10:55	O-37	Differential expressed genes in berries of cv. Sangiovese ( <i>Vitis vinifera</i> L.) during ripening following cluster thinning at véraison	C. Pastore
10:55-11:10	O-38	Co-Localization of QTLs for seedlessness and downy mildew resistance in grapevine	L.F. Revers
11:10-11:25	O-39	Polymorphisms in <i>VvPel</i> associate with variation for berry texture	J. Ibáñez
11:25-11:40	O-40	Quantitative analysis of texture and fertility in table grapes	I. Carreno
11:40-11:55	O-41	Gene silencing as strategy to induce grapevine fan leaf virus (GFLV) resistance in grapevine rootstocks	P. Arce-Johnson
11:55-12:10	O-42	Transcriptional changes in response to heterologous expression of a pear PGIP in grapevine	A.M. Ibáñez
12:10-12:20		Summation of afternoon poster session - P. This and R. Töpfer	
12:20-1:30 Lunch at Scandling Center			

Poster Number	Title	Presenter
<b>Topic: Grapevine germplasm: Conservation and analysis</b>		
P-58	Characterization of grape cultivars through ESTP	M.F. Moura
P-59	Phenotypic divergence among grapevine accessions of the germplasm collection at IAC	M.F. Moura
P-60	Brazilian Grape Germplasm Bank: Phenology and resistance to main fungal diseases	P. Ritschel
P-61	Grapevine variety determination from herbarium and archeological specimens	I. Pejic
P-62	Conservation, characterisation and management of grapevine genetic resources: The European GrapeGen06 project	P. This
P-63	Genetic structure and linkage disequilibrium in 4 <i>Vitis</i> species	A. Doligez
P-64	Genetic structure in a large representative sample of cultivated and wild grapevines	R. Bacilieri
P-65	Plastid DNA sequence diversity in a worldwide set of grapevine cultivars ( <i>Vitis vinifera</i> L. subsp. <i>vinifera</i> )	T. Beridze
P-66	Analysis of grape rootstocks by microsatellite markers	G. Jahnke
P-67	Analysis of Pinot varieties by microsatellite markers	G. Jahnke
P-68	Italian wild grapevine: A state of the art on germplasm and conservation in 2010; the Year of Biodiversity	S. Imazio
P-69	Ribolla Gialla from northeastern Italy, Rebula from northern Balkans and Robola from Ionian islands: do they belong to the same population variety or are they genetically different?	S. Imazio
P-70	Proteomic analysis among different Aglianico ecotypes	A.S. Negri
P-71	Viticultural performance of some Cabernet Sauvignon clones	L. Bavaresco
P-72	The software for a 'Universal Grapevine Database'	C. D'Onofrio
P-73	Molecular characterization of the grapevine germplasm collection held at the Fondazione Edmund Mach	S. Grandò
P-74	Application of SSR markers for must and wine varietal detection	M. Baleiras-Couto
P-75	Variation of berry polyphenolic profiles of USDA <i>Vitis vinifera</i> germplasm	Z. Liang
P-76	Aestivales (Planchon), American native grapes: Phylogenetics and use for breeding of high quality wine grapes for southeastern United States	V. Colova
P-77	Morphological and molecular identification of Maragheh grapevine cultivars	Y. Sharafi
P-78	Genetic diversity in Maragheh grapevine pollen traits	Y. Sharafi
<b>Topic: Breeding techniques, goals, and strategies</b>		
P-79	Studies on an excellent early-mature bud sport of 'Kyoho'	L. Wei

P-80	Generation of a new polyploid grape cultivar by a new strategy that combines crossbreeding with colchicine-induced mutation	D. Zhigang
P-81	Effectiveness of different culture media on the success of embryo rescue among different crosses of seedless grapes	Y. Hao
P-82	Polyloid induction of mutation by using colchicine on tube seedlings of Victoria grape	J.-L. Zhu
P-83	Some early maturing table grape cultivars with muscat flavor released by the Beijing Institute of Forestry and Pomology	L. Sun
P-84	Progress in grapevine breeding in China over a decade	J.-L. Zhu
P-85	New triploid seedless table grape cultivar 'Moonlight Seedless' bred in China	S.J. Zhao
P-86	Conferred vigour: Loci but no logic	S. Decroocq
P-87	Grape breeding and viticulture research program in Iran	J. Mahmoudzadeh
P-88	'Tankeumchu': A mid-ripening, black-fruited table grape	J. Noh
P-89	The usefulness of allotetraploidy and isolated embryo culture in vitro for obtaining intergeneric hybrids of grape	A. Kataenko
P-90	Genetic control of phyllotaxy phase shift in juvenile vines in a rootstock hybrid population	P. Cousins
P-91	Drying rate of fresh berries from natural dry-on-the-vine (DOV) grape germplasm.	D. Ramming
P-92	Quality improvement in Vignoles through clonal selection	P. Cousins
P-93	Development of table and raisin grapes with high anthocyanins using a leaf disk assay.	D. Ramming
<b>Topic: Pest and disease resistance</b>		
P-94	Mechanisms of powdery mildew resistance in the Vitaceae family	A. Feechan
P-95	Reaction of grape rootstocks to <i>Meloidogyne incognita</i> and <i>M. javanica</i>	M.F. Moura
P-96	Global gene response to viral infections in grapevine	M.C. Medina
P-97	Genetic analysis of the resistance to foliar diseases on <i>Muscadinia rotundifolia</i>	S. Blanc
P-98	Investigation of the interaction of <i>Elsinoë ampelina</i> with <i>Vitis vinifera</i>	A. Kono
P-99	Berry cracking caused by powdery mildew ( <i>Uncinula necator</i> ) infection to 'Fujiminori' grapevines ( <i>Vitis</i> sp.)	H.-S. Shin
P-100	Gray Mold ( <i>Botrytis cinerea</i> ) induced berry cracking in 'Fujiminori' table grapes ( <i>Vitis</i> sp.)	D. Kim
P-101	Elicitation of grapevine defense responses against downy mildew caused by <i>Plasmopara viticola</i>	M. Selim
P-102	Optimizing the breeding of Pierce's disease resistant winegrapes with marker-assisted selection	A. Walker
P-103	The biological characteristics of <i>Xylella fastidiosa</i> in xylem fluid from resistant and susceptible grapevines	X. Shi
P-104	Development of marker-assisted selection as a tool for breeding disease resistant grapes	B. Reisch

P-105	Pathogen responsiveness and variety/tissue specificity of five stilbene synthase genes in grapevine	R. Dai
P-106	Characterization of grapevine <i>NPRI</i>	Y. Zhang
P-107	Screening grape hybrid families with molecular markers linked to resistance genes	E. Kiss
P-108	The genetic mapping of <i>Xiphinema index</i> resistance derived from <i>Vitis arizonica</i> by using SSR markers	S. Van Zyl
P-109	Characterization of an ankyrin-like protein up-stream region from <i>Vitis vinifera</i> is highly induced by <i>Botrytis cinerea</i> infection	P. Barba
P-111	Cloning and functional characterisation of a putative powdery mildew susceptibility gene in grapevine	I. Dry
P-112	Evaluation of grapevine germplasm from La Rioja for tolerance to powdery mildew ( <i>Erisiphe necator</i> )	C. Menendez
<b>Poster session additions</b>		
P-113	Analysis of genetic structure of twelve Sicilian grapevine cultivars	O. Failla
P-114	Evaluation of 4 new rootstock genotypes obtained by back cross	O. Failla
P-115	Genetic transformation of grape ( <i>Vitis vinifera</i> ) to increase salt tolerance	A. Zurita-Silva

2:30-3:00  
PM

Coffee, Juice and Snack Break by Poster Session

4:00 PM

Departure for evening banquet at the Harbor Hotel, Watkins Glen, with winery stop en route

6:00 PM

Arrival at Harbor Hotel, reception, wine tasting

7:00 PM

Dinner, entertainment by "Cool Club"

10:00 PM

Return to Geneva

Thursday August 5, 2010

**Oral Session 8: Grapevine Genetic Resources - Parentage, Population Genetics, Fingerprinting**

**Session Chair: Patrice This, INRA, Montpellier, France**

**8:00-10:00 AM**

Oral			
Time	Abstract Number	Title	Presenter
8:00-8:15	O-43	Genetic characterization of the USDA grape germplasm collection: Challenges and lessons learned	S. Myles
8:15-8:30	O-44	The Turkish grape ( <i>Vitis vinifera</i> L.) SSR database	A. Ergul
8:30-8:45	O-45	Genealogy investigation in over 2300 grapevine cultivars ( <i>Vitis vinifera</i> L.)	T. Lacombe
8:45-9:00	O-46	Association genetics in relation with berry size variation in grapevine ( <i>Vitis vinifera</i> )	C. Houel
9:00-9:15	O-47	Intravarietal variability of Crljenak Kastelanski and its relationship with Zinfandel and Primitivo selections	I. Pejic
9:15-9:30	O-48	Discrimination of grapevine clones by methylation sensitive AFLP analysis	G. Reustle
9:30-9:45	O-49	Molecular survey of Georgian grapevine genetic resources	S. Imazio
9:45-10:00	O-50	Allelic variation in the domestication gene <i>VvmyAI</i> in natural grape populations ( <i>Vitis vinifera</i> ssp. <i>sylvestris</i> )	R. Arroyo-Garcia
10:00-10:30	Coffee, Juice and Snack Break		

**Oral Session 9: Breeding for Quality**

**Session Chair: Enrico Peterlunger, University of Udine, Italy**

**10:30-12:00 Noon**

Oral			
Time	Abstract Number	Title	Presenter
10:30-10:45	O-51	Marker-assisted breeding: Identification of monoterpensynthases in grapevine ( <i>Vitis vinifera</i> L.) and their potential as markers in breeding	O. Bitz
10:45-11:00	O-52	Functional characterization of terpene synthases of aromatic and non-aromatic grapevine varieties	C. D'Onofrio
11:00-11:15	O-53	An integrated approach to studying the positional candidate gene 1-deoxyxylulose-5-phosphate synthase ( <i>VvDXS</i> ) involved in Muscat flavor	F. Emanuelli
11:15-11:30	O-54	The study of triploid progenies crossed between diploid and tetraploid grapes	L. Sun
11:30-11:45	O-55	Characteristics of promising Muscadine grape ( <i>Vitis rotundifolia</i> Michx.) selections from the University of Georgia (U.S.A.) breeding program	P. Conner
11:45-12:00	Business meeting: Venue for meeting in 2014		B. Bravdo
12:00-1:00 PM	Lunch at Scandling Center		

1:30 PM Departure of Post Conference Tour



**Thursday, August 5, 2010**

**Post-Conference Tour**

**Tour Leader: Peter Cousins**

Time	Topic	Presenters
1:30 PM	Departure from Scandling Center, Hobart and William Smith Colleges	
2:45 - 4:15 PM	Keuka Lake Vineyards - hybrids, <i>labrusca</i> , <i>vinifera</i>	
	Bedient's Vineyards, 3955 Stever Hill Road, Branchport, New York	Jim Bedient
	Clearview Farms, 4150 Stever Hill Road, Branchport, New York	Don Tones
4:30 - 6:00 PM	Hunt Country Vineyards	Art and Joyce Hunt
	<a href="http://www.huntwines.com/">http://www.huntwines.com/</a>	
6:30-8:30 PM	Dinner at Chateau Esperanza	
	Overnight at Hobart and William Smith Colleges campus housing	

**Friday, August 6, 2010**

**Tour Leader: Peter Cousins**

Time	Topic	Presenter
8:00 - 8:45 AM	Breakfast at the Scandling Center	
9:00 AM	Departure from parking lot opposite Scandling Center, Pulteney St.	
10:00 AM	Visit Casa Larga Vineyards, Winery (Fairport, New York)	Mark Patterson, Winemaker
	<a href="http://www.casalarga.com/">http://www.casalarga.com/</a>	
		John Chase, Vineyard Manager
12:00 PM	Depart Casa Larga Vineyards	
1:15 PM	Arrive Hamlin Beach State Park - Picnic Lunch at Lake Ontario	
	<a href="http://nysparks.state.ny.us/parks/20/details.aspx">http://nysparks.state.ny.us/parks/20/details.aspx</a>	
3:00 PM	Depart Hamlin Beach State Park	
	(view New York State apple industry along way)	
4:30 PM	Arrive Days Inn - Niagara Falls	
4:30 - 6:30 PM	Free time, walk to Falls	
6:30 PM	Dinner (Days Inn - Niagara Falls)	

**Saturday, August 7, 2010**

**Post-Conference Tour**

**Tour Leader: Peter Cousins**

<b>Time</b>	<b>Topic</b>
8:00 AM	Breakfast, Denny's Restaurant at Days Inn
9:00 AM	Check out of hotel, load baggage to bus
9:45 AM	Maid of the Mist - boat ride < <a href="http://www.maidofthemist.com">http://www.maidofthemist.com</a> >
10:45 AM	Free time - optional visit to Cave of the Winds at own expense < <a href="http://www.niagarafallsstatepark.com/Activities_CaveOfTheWinds.aspx">http://www.niagarafallsstatepark.com/Activities_CaveOfTheWinds.aspx</a> >
Noon	Lunch (Days Inn - Niagara Falls)
1:30 PM	Depart Niagara Falls
2:30 PM	Arrive Buffalo (BUF) Airport
4:00 PM	Arrive Rochester (ROC) Airport
5:30 PM	Arrive Geneva