



2010 North America User Symposium

Tuesday, April 6					
START	END	TOPIC	SPEAKER	Location	
All Day		Arrivals & Hotel Check Ins			
3:00	8:00	Registration			Vineyard Pre-Function
7:00	9:00	Welcome Reception			Estate Wine Cave
Wednesday, April 7					
START	END	TOPIC	SPEAKER	Location	
7:00	8:30	Registration			Vineyard Pre-Function
7:30	8:30	Breakfast			Vineyard Terrace
Plenary Session 1: Emerging Applications of Genomic Analysis (1)					
8:30	8:45	Welcome & Meeting Overview	Mark Van Oene, Ph.D., - Sr. Director, NA Sales, Illumina, Inc		Salon V - X
8:45	9:30	Energy Genomics	Eddy Rubin, M.D., Ph.D. - Director, DOE Joint Genome Institut		Salon V - X
9:30	10:00	Sequencing Epigenomes of Plants and People	Joseph R. Ecker - Professor, The Salk Institute for Biological Studie		Salon V - X
10:00	10:30	Break			Vineyard Pre-Function
Plenary Session 2: Polymorphism Discovery and Deployment for Genetic Studies (1)					
10:30	11:00	neXtpeceptions	Tristan Orpin - Sr. VP, Commercial Operations, Illumina, Inc		Salon V - X
11:00	11:30	Refining Cardiovascular and Metabolic Genetic Associations using Custom Arrays	Benjamin F. Voight, Ph.D., - Research Scientist, Medical Population Genetics, The Broad Institute of Harvard & MIT		Salon V - X
11:30	12:00	Cow Chips Big and Small - Covering the Continuum of Genetic Improvement	Tad Sonstegard - Research Geneticist, USDA-ARS Bovine Functional Genomics Laboratory		Salon V - X
12:00	1:30	Lunch			Vineyard Terrace
Plenary Session 3: Emerging Applications of Genomic Analysis (2)					
1:30	2:00	Illumina Sequencing Evolution: Expansion and Convergence	Jeremy Preston, Ph.D., - Manager, Product Marketing, Illumina, Inc.		Salon V - X
2:00	2:30	Using Plastome-Level Sequencing to Increase Phylogenetic and Phylogeographic Resolution in the Worlds' Pine Specie	Matthew Parks - Ph.D. Candidate / Research Assistant, Oregon State University		Salon V - X
2:30	3:00	Break			Vineyard Pre-Function
3:00	3:45	Tracking Next-Generation Sequencing Workflows From Sample Collection to Complete Epigenomic Maps	Dr. Benjamin Berman - Sr. Research Associate, Bioinformatics, USC Epigenome Center (for Genologics)		Salon VIII
3:00	3:45	A Simplified Interface for Sequencing Analysis	Jean Lozach - Sr. Bioinformatics Scientist, Illumina, Inc.		Salon VI
3:00	3:45	Next Generation GWAS Panels: Content, Panels and Tools for Deeper Discovery	Dan Peiffer - Sr. Product Manager, Illumina, Inc		Salon X
3:00	3:45	Illumina's Newest Suite of Instrumentation: HiSeq2000, HiScanSQ, cBOT, and Sequencing Automation	Illumina Staff		Salon III - IV
3:45	4:00	Transition Break			
4:00	4:45	DNASTAR's Next-Gen Sequence Assembly and Analysis Solutions	Ryan Jacob - Sr. Sales Executive, DNASTAR, Inc.		Salon X
4:00	4:45	A Simplified Interface for Sequencing Analysis	Jean Lozach - Sr. Bioinformatics Scientist, Illumina, Inc.		Salon VI
4:00	4:45	Custom Infinium iSelect HD Arrays – Design Process Best Practices	Debora Bailey - Manager, Product Marketing, Illumina, Inc.		
4:00	4:45	Custom GoldenGate Solutions for Sample Barcoding and Screening 100's to 1000's of samples	Jason Downing - Market Manager, Illumina, Inc.		Salon VIII
4:00	4:45	Illumina's Newest Suite of Instrumentation: HiSeq2000, HiScanSQ, cBOT, and Sequencing Automation	Illumina Staff		Salon III - IV
5:30	6:30	Cocktail Reception and Poster Presentations			Meritage Pre-Function
6:30		Buses leave for dinner			Meritage Patio
7:00	10:00	Group Dinner			Culinary Institute

Thursday, April 8				
START	END	TOPIC	SPEAKER	Location
7:30	8:30	Breakfast		Vineyard Terrace
Plenary Session 4: Polymorphism Discovery and Deployment for Genetic Studies (2)				
8:45	9:15	Clinical Implications of Human Genome Variation: GWAS to Sequencing	Kevin Shianna, Ph.D. - Asst. Prof., Director, Genomic Analysis Facility, Duke University School of Medicine	Salon V - X
9:15	9:45	SNP Discovery in Species Without a Reference Sequence	Nengbing Tao, Ph.D. - Bioinformaticist, Monsanto Company	Salon V - X
9:45	10:15	GWAS Analysis for Drug Response: Study Caveats, Analysis Pipelines, Epistasis and Clinical Utility	David Ross, Ph.D. - Director, Computational Biology, Celera	Salon V - X
10:15	10:45	Break		Vineyard Pre-Function
Plenary Session 5: Genetic Analysis in Human Disease				
10:45	11:15	Assessing Genomic Instability in Human Neoplastic Progression Using Illumina SNP Array	Xiaohong Li, Ph.D. - Senior Staff Scientist, Fred Hutchinson CRC/SCHARP	Salon V - X
11:15	11:45	A New Approach for the Diagnosis of Complex Mitochondrial Disorders by Second Generation Sequencing	Valeria Vasta, Ph.D. - Assay Development Scientist, Seattle Childrens Research Institute	Salon V - X
11:45	12:15	The Ovarian TCGA Project	Paul Spellman, Ph.D. - Staff Scientist, Lawrence Berkeley Lab	Salon V - X
12:15	1:30	Lunch		Vineyard Terrace
1:30	2:15	Bridging the Gap Between Data Generation and Data Analysis in Next Generation Sequencing	Dan Conway - President of the Americas, CLC bio Shawn Prince - Bioinformatics Consultant, CLC bio	Salon II
1:30	2:15	Techniques for Run Optimization in Sequencing	Nicky Schick, Ph.D. - Applications Scientist, Illumina Inc	Salon X
1:30	2:15	Your Ideas/Feedback on Future Directions for Illumina Genotyping	Illumina Staff Expert Panel	Salon VIII
1:30	2:15	Illumina's Newest Suite of Instrumentation: HiSeq2000, HiScanSQ, cBOT, and Sequencing Automation	Illumina Staff	Salon III - IV
2:15	2:30	Transition Break		
2:30	3:15	Partek® Genomics Suite™ - A Comprehensive Data Analysis Solution for Next Generation Sequencing Studies	Min Li, Ph.D. - Field Application Scientist, Partek Inc	Salon VIII
2:30	3:15	Next Generation GWAS Panels: Content, Panels and Tools for Deeper Discovery	Dan Peiffer - Sr. Product Manager, Illumina, Inc	Salon II
2:30	3:15	A New Tool for Pharmacogenetic Analysis and Updates from IlluminaDx	Naomi O'Grady - Product Manager, Illumina, Inc	Salon X
2:30	3:15	Illumina's Newest Suite of Instrumentation: HiSeq2000, HiScanSQ, cBOT, and Sequencing Automation	Illumina Staff	Salon III - IV
3:15	3:45	Break		Vineyard Pre-Function
3:45	4:30	Techniques for Run Optimization in Sequencing	Nicky Schick, Ph.D. - Applications Scientist, Illumina Inc	Salon X
3:45	4:30	Talk to the Bioinformatics expert: Sequencing Analysis	Jean Lozach - Sr. Bioinformatics Scientist, Illumina Inc	Salon II
3:45	4:30	Your Ideas/Feedback on Future Directions for Illumina Sequencing	Illumina Staff Expert Panel	Salon VIII
3:45	4:30	Illumina's Newest Suite of Instrumentation: HiSeq2000, HiScanSQ, cBOT, and Sequencing Automation	Illumina Staff	Salon III - IV
5:00	6:00	Cocktail Reception & Poster Presentations		Meritage Pre-Function
6:15		Buses leave for dinner		Meritage Patio
7:00	10:00	Small groups dinners		Napa & Sonoma
Friday, April 9				
START	END	TOPIC	SPEAKER	Location
7:30	8:30	Breakfast		Vineyard Terrace
Plenary Session 6: Emerging Tools for Data Analysis				
8:30	9:00	Advances in Sequencing Analysis	Andrew Boudreau - Product Manager, Sequencing Informatics, Illumina, Inc	Salon V - X
9:00	9:30	Trans-ABYSS: A de novo Transcriptome Assembly and Analysis Pipeline	Inanc Birol, Ph.D. - Group Leader-Bioinformatics, British Columbia Genome Sciences Centre	Salon V - X
9:30	10:00	SolexaQA: At-A-Glance quality assessment of Illumina second generation sequencing data	Patrick Biggs, Ph.D. - Research Fellow, Allan Wilson Centre for Molecular Ecology & Evolution	Salon V - X
10:00	10:30	Break		Vineyard Pre-Function
10:30	11:00	Extending Read Length and Accuracy of Illumina Sequencing with Molecular Tagging and Subassembly	Joe Hiatt - Graduate Student, Shendure Lab, University of Washington	Salon V - X
11:00	11:30	Statistical Approaches for Meeting Challenges in the Analysis and Interpretation of mRNA-Seq	Sandrine Dudoit, Ph.D. - Assoc. Prof. of Biostatistics/Chair, Graduate Group in Biostatistics, University of California Berkeley	Salon V - X
11:30	12:00	To the Future and Beyond: Informatics Strategies for a Genome-Data-Rich World	Jordan Stockton, Ph.D. - Sr. Market Manager, Illumina, Inc.	Salon V - X
12:00	12:15	Closing Remarks	Kirk Malloy, Ph.D. - VP, Customer Solutions, Illumina, Inc.	Salon V - X
12:15		Meeting Adjourns - Box Lunches to be served		Vineyard Terrace