

HEALTH REVOLUTIONARIES YOUR AGENDA AWAITS

Revolutionaries For Global Health Summit 2012

Welcome

On behalf of the entire PerkinElmer team, I want to welcome you to our 5th **Revolutionaries for Global Health Summit** where the best minds come together to achieve a joint vision of eradicating cancer.

From Boston to Beijing, more than 3,000 Global Health Revolutionaries have committed to tackling the daunting challenges of human health. Today you will hear hours of phenomenal talks over several tracks that speak to our disruptive technologies — and disruptive thinking — intended to enable a revolution in personalized health care and world health. Together, I know we can help reduce, if not eliminate, the chasm from bench to clinic.

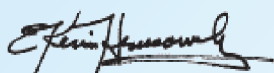
Together, we are making progress understanding molecular interactions of disease, but unfortunately, the pace of progress isn't keeping up with the growing incidence of many chronic diseases. It appears that environmental factors such as obesity, exposure to pollutants and stress are having a growing impact on global health and may be outpacing our ability to innovate cost effective solutions for disease control. We are faced with a quadruple challenge to find:

- Better approaches for disease control and prevention
- Diagnostics/screens for early stage detection and predisposition of disease
- Personalized therapeutics that are safer and more effective
- Affordable healthcare access that doesn't cripple global economies

This year's meetings are dedicated to these challenges. We are heartened that we have — or soon will have — important tools to help in this effort. As in the past, we will use insights from this meeting to refine our investment strategies so that we meet future needs.

With your continued support we are committed to addressing global healthcare issues and we are truly honored that you would take time out from your important work to join us today.

We look forward to productive sessions.



Kevin Hrusovsky
President, Life Sciences & Technology
PerkinElmer, Inc

8.00 - 9.00 am

Continental Breakfast & Registration

Atrium

9.00 - 9.15 am

Welcome and Overview of day

Sausalito/Tiburon

	TRACK 1	TRACK 2	TRACK 3	TRACK 4	TRACK 5	TRACK 6
	In vivo Imaging	Informatics	Next Gen Sequencing and Molecular Diagnostics	Biotherapeutics and Biomarkers	Cellular and Tissue Imaging	Small Molecule
	Union Square	Monterey	Ghirardelli	Golden Gate	Presidio	Saratoga
9.30-10.00	Monitoring Neurodegeneration in Live Mice - A New Paradigm for Drug Discovery - Kurt Giles D. Phil, University of California San Francisco	Prosecuting Translational Medicine in PerkinElmer Informatics - Dan Weaver Ph.D., Array Biopharma, Inc.	Automating Your Second Generation Sequencing Pipeline - Toumy Guettouche, University of Miami	Biopharmaceutical Production Using Pfénex Expression Technology™ and HTP Microchip-SDS-CGE - Jason Payne, Pfenex, Inc.	Single Cell Multi-Parameter Image Analysis - Dana Nojima Ph.D., Amgen, Inc.	Robotics and RNAi Revolution for Cancer: Novel Drug Targets for MYC-driven Cancers - Carla Grandori, Fred Hutchinson Cancer Research Center
10.00-10.30	In vivo Imaging in Evaluating Lung Cancer Models for Preclinical Trials - Anand Giddabasappa Ph.D., Pfizer Inc	Performing Scaffold-Based SAR with Custom Tools Inside Spotfire - Robert Cain Ph.D., Allergan, Inc.	Integrating Tiered Orthogonal Methods into a Staged Strategy for Pathogen Identification - David Hirschberg, Columbia University	The NYSGRC and the Protein Structure Initiative: High-throughput Expression of Eukaryotic Targets - Ron Seidel Ph.D., Albert Einstein College of Medicine	Simultaneous Multispectral Imaging of Biomarkers in Breast Cancer: Biological, Diagnostic, and Prognostic Implications - Alejandro Contreras, M.D., Ph.D., Baylor College of Medicine	Utilization of Small Molecule Based Drug Discovery Strategies for Stem Cell Differentiation - Hirshesh Uppal, Genentech
Coffee Break (Golden Gate foyer) 10.30 - 11.00 am						
11.00-11.30	In Vivo Ketogenesis Models- Adrienne Scheck Ph.D., Barrows Neurological Institute	Informatics for Pathology Images in a Preclinical Research Environment - Beth Basham Ph.D., Merck-Palo Alto	Patient Stratification by Integrating Transcriptome and Exome Sequence Data - Rebecca Laborde Ph.D., Mayo Clinic	High Throughput 96-well RNA Isolation with the JANUS® Automated Workstation: Increasing the Throughput of Antisense Oligonucleotide Drug Discovery - Andrew Watt, Isis Pharmaceuticals, Inc.	2D and 3D Quantification of Human Stem Cell Fate from In vitro Samples Using Velocity High Performance Image Analysis Software - Brian Cummings Ph.D., University of California, Irvine	Screening for HDAC Inhibitors with Acetyl-p53 TR-FRET Assays - Maureen Beresini, Genentech
11.30-12.00	In vivo Imaging of Targeted Antibody Activation at the Site of Disease - Olga Vasiljeva Ph.D., CytomX Therapeutics Inc.	Deploying the Perkin-Elmer E-Notebook to Chemists and Biologists at Theravance - Tim Williams Ph.D., Theravance Inc.	Application of Nanopipette for Single-Cell Analysis and Manipulation - Nader Pourmand, University of California, Santa Cruz	Combining the Power of HT Techniques and In vitro Biochemical Protein Synthesis to Design Novel/Improved iotherapeutics - Avinash Gill, Sutro Biopharma, Inc.	Now You See It, Now You Don't: How Tyramide SignalAmplification Leads to New Discoveries - Eva Mezey M.D. Ph.D., National Institutes of Health	HTS for small molecule inhibitors of RGS17 using AlphaScreen and Evaluating Cellular Activity of RGS Proteins Using Label-Free technology - David L. Roman, Ph.D., University of Iowa College of Pharmacy
Lunch (Atrium) - 12.00 - 1.00 pm						
Keynote 1 - 1.15 pm (Sausalito/Tiburon): "Battling Cancer with All Fury" - Terry Healey, Author, At Face Value						
Keynote 2 - 2.15 pm (Sausalito/Tiburon): "Our Crusade to Revolutionize and Personalize Global Health" - Kevin Hrusovsky						
3.45-4.15	Optical Imaging in Stem Cell Therapeutics: A Focus on Musculoskeletal Applications - Wafa Tawakoli Ph.D., Cedars Sinai Medical Center	Stratifying Head and Neck Cancers by Integrating Transcriptome and Exome Sequence Data - Rebecca Laborde Ph.D., Mayo Clinic	Novel Reagent Solution for Sequencing Sample Preparation - Joe Don Heath, NuGEN	GXII Applications for Cell Line Selection - Joe Siemiatkoski Ph.D., Fourteen22	Content Phenotypic Screening in Cardiac Myocytes - Brian Reid Ph.D., University of Colorado, Denver	BRAF & Beyond: Using AlphaScreen® To Build Better Drugs - Betsy Burton, Plexikon
4.15-4.45	Imaging of Brain Metastases of Breast Cancer- Paul Lockman Ph.D., Texas Tech University Health Sciences Center	ELN Case Studies in Pharmaceutical Development - Steve Shea, Allergan, Inc.	Identifying Disease-causing Mutations with Exome Sequencing - Emily Turner, University of Washington	A High Throughput Method to Obtain Pharmacokinetics and Quality Attributes of a Therapeutic Molecule in Circulation - Reema Piparia Ph.D., Abbott Laboratories	Tyramide Signal Amplification Strategies for Co-labeling Gene Expression at Single Cell Resolution - Murat B. Yaylaoglu, Genentech, Inc.	The Utility of Caliper Technology in GNF Drug Discovery - Yong Jia, GNF
Coffee Break (Golden Gate foyer) 4.45 - 5.00 pm						
5.00-5.30	Luciferase-Based Bioimaging to Study Tissue-Specific Gene Expression - Susan Kane Ph.D, City of Hope National Medical Center	Forming a Covalent Bond between Industry and Education - Pat Diller, McGraw-Hill	High Throughput RNA Analysis for Biofuel Research - Chewyee Ngan, Joint Genome Institute	Development of an Immunogenicity Assay for a Biotherapeutic Drug using AlphaLISA® - Martin Boissonneault Ph.D., PerkinElmer, Inc.	Quantitative, Spatial Analysis of Cancer-Immune Interactions within Tumors and Lymph Nodes - Peter Lee M.D., Beckman Research Institute of City of Hope	Development of Efficient Enzymatic and Cell-Based Assays to Monitor Epigenetic Events - Nathalie Rouleau, PerkinElmer
5.30-6.00	Cerenkov Imaging: Application and Modeling - Chaincy Kuo Ph.D, PerkinElmer, Inc.	Display Complex Peptide Molecules by ChemBioDraw - Sarah Dong Ph.D., Chemistry-Afymax ChemDraw	Genome and Transcriptome Sequence Analysis of Lung Cancer - Somasekar Seshagiri, Genentech	High Throughput Analysis of Biotherapeutic Charge Variants Using the LabChip GXII - Tobias Wheeler Ph.D., PerkinElmer, Inc.	Developing the Vectra2 platform for use in the clinical diagnostic laboratory to perform AQUA analysis - Danielle Murphy, Genoptix Medical Laboratory	Duplexing Alpha Signals for Biochemical Characterization of the ERK MAP Kinase Pathway - Stephane Parent, PerkinElmer, Inc.
			Application of 2nd Generation Sequencing to the Transplantation Rejection Arena - Brendan Keating, Children's Hospital of Philadelphia			
			STATseq: Whole Genome Sequencing in 50 Hours for Monogenic Disease Diagnostics - Darrell Dinwiddie, Children's Mercy Hospital			
Cocktails (Tiburon/Sausalito) 6.00 pm - 7.30 pm						
7.30 pm - 10.00 pm (Grand Ballroom) WEDNESDAY NIGHT SPECIAL EVENT - THE DINNER DETECTIVE						

DAY 2: THURSDAY OCTOBER 25**SESSION 3: 8.00 AM – 3.00 PM**

8.00 - 9.30 am	Registration and Breakfast	Atrium
9.30 - 10.30 am	Scientific Roundtables	See below
10.30 - 11.00 am	Coffee break	Golden Gate foyer
11.00 am - 12.30 pm	Workshop Sessions Begin	See below
12.30 - 1.30 pm	Lunch	Atrium
1.30 - 3.00 pm	Workshop Sessions Continue	See below

WORKSHOPS

- EnSpire Label-free Cell-based Assay Development and Optimization Workshop/ EnSpire Label-free Biochemical Assay Development and Optimization Workshop – Sausalito
- New Models and Tools for Cellular Imaging & Analysis – Presidio
- Biotherapeutics Workshop: Introducing New Products and Techniques for Protein Characterization, Purification and Functional Testing – Golden Gate
- Software Solutions for Whole Transcriptome and Exome Sequencing: Samples to Results from Geospiza® – Ghirardelli
- Techniques & Insight to Improve your Liquid Scintillation Assays – Union Square
- Evolving Scientific Informatics: From the Paperless Lab to Effective Workflows and Decision Support – Monterey
- Advanced Assay Development and Optimization Workshop for Alpha Technology – Tiburon
- Automated Image Analysis for Accurately Quantifying Cellular Expression in Tumors & Surrounding Tissues – Saratoga

WEDNESDAY NIGHT SPECIAL EVENT**7.30 PM - 10.00 PM****THE DINNER DETECTIVE****Revolutionaries Deserve Some Fun!**

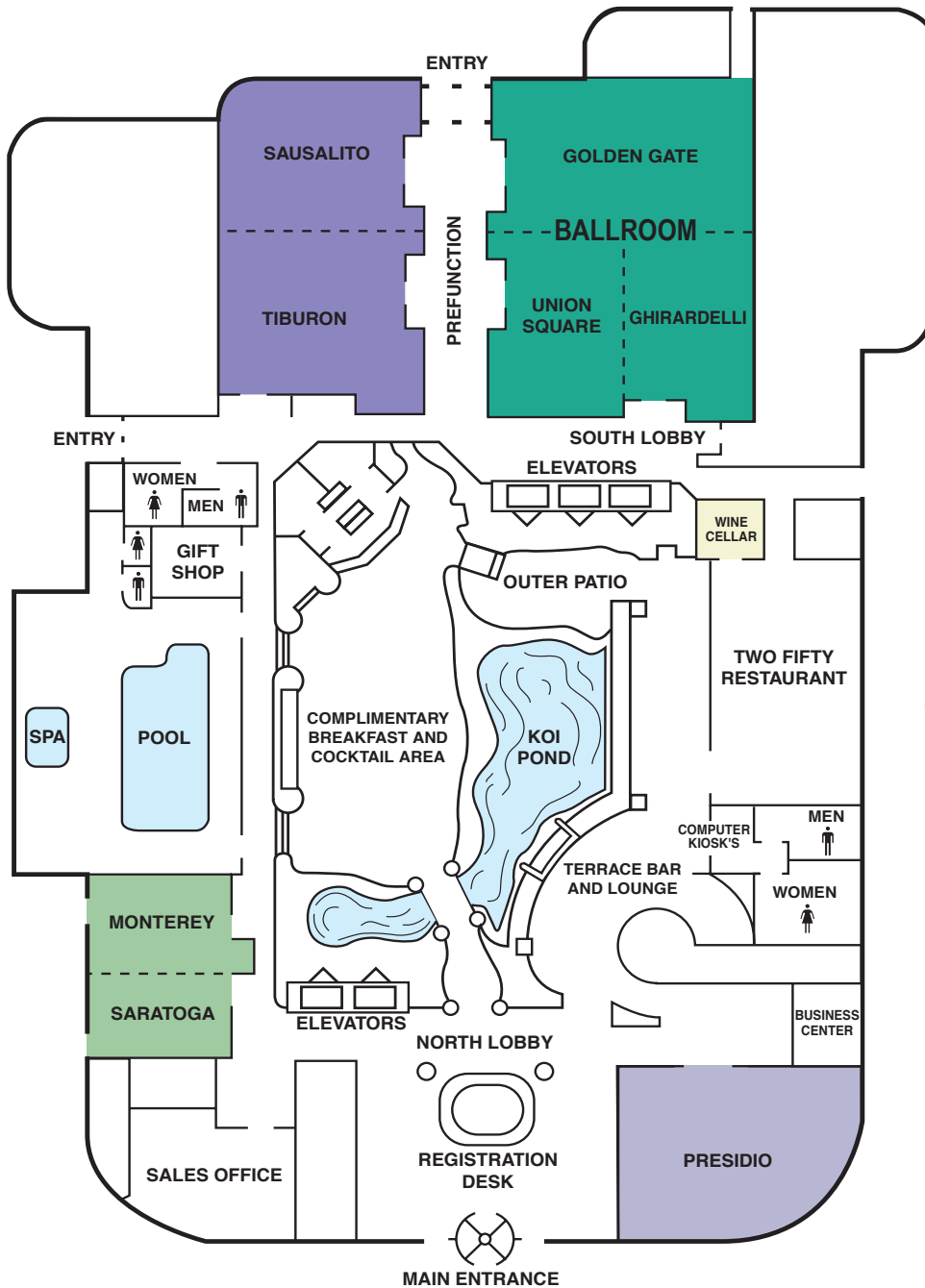
At the conclusion of the sessions on Wednesday, October 24, please be our guest for a delicious & suspenseful night with the Dinner Detective. Enjoy your dinner while solving a riveting murder mystery that will leave you at the edge of your seat! Come casual, your badge is your admission ticket!

Forgot What You Ordered?

Look on the back of your badge:

- Red – Steak
- Yellow – Chicken
- Fish – Pink
- Vegetarian/Vegan – Green

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