

Starr Cancer Consortium Retreat

Cold Spring Harbor Laboratory, September 20-21, 2010

Monday, September 20, 2010

9:00 – 11:00 am	<i>Attendee Arrival and Registration</i>	(Grace Auditorium Lobby)
11:00 am	<i>Welcome and Opening Remarks</i> Bruce Stillman President, Cold Spring Harbor Laboratory	(Grace Auditorium)
11:20 am – 12:30 pm	<i>Plenary Session: DNA Damage</i> Chairs: Bruce Stillman and Tom Kelly	(Grace Auditorium)
11:20 am	Titia de Lange	“A Comprehensive Approach to Deciphering ALT in Human Cancers”
11:40 am	Michel Nussenzweig	“Genomic Damage by Activation Induced Deaminase”
12:00 pm	Dinshaw Patel	“Histone Phosphorylation: An Epigenetic ‘Signature’ Impacting on Human DNA Damage Response, Genomic Integrity and Oncogenesis”
12:20 pm	Jill Mesirov	Introduction to the Integrative Cancer Genomics Portal (ICGP)
12:30 – 1:30 pm	<i>Lunch</i>	(Blackford Hall)
1:30 – 2:00 pm	<i>Executive Committee Discussion</i>	(Grace Auditorium)
2:00 – 2:40 pm	<i>Plenary Session: Cancer Genome</i> Chairs: Bruce Stillman and Tom Kelly	(Grace Auditorium)
2:00 pm	David McFadden & Katerina Politi	“Studying Tumor Progression and Treatment Resistance in Mouse Models of Lung Adenocarcinoma Through Focused Gene Re-Sequencing”
2:20 pm	Levi Garraway	“High-throughput Cancer Gene Mutation Profiling by Single-Molecule Sequencing”
2:40 – 3:40 pm	<i>First Poster Session and demonstration of ICGP (With Coffee Break)</i>	(Grace Lobby & Patio)
3:40 – 5:00 pm	<i>Plenary Session: Cancer Genome (continued)</i> Chairs: Bruce Stillman and Tom Kelly	(Grace Auditorium)
3:40 pm	Ronglai Shen	“An Integrative Paradigm for the Discovery of Novel Tumor Subtypes and Associated Cancer Genes”

4:00 pm	Robert Lucito	“Integrated Genetic Analysis of Epithelial Ovarian Cancer”	
4:20 pm	Benjamin Ebert	“Molecular Dissection of Myelodysplastic Syndrome and Myeloproliferative Disease”	
5:00 – 6:00 pm	<i>Wine and Cheese Reception</i> <i>(Posters and ICGP demonstration available)</i>		(Grace Lobby & Patio)
6:00 – 7:00 pm	<i>Banquet Dinner</i>		(Mayr Dining Room)
7:00 – 8:00 pm	<i>Plenary Session: Cancer Genome (continued)</i> Chairs: Todd Golub and Scott Lowe		(Grace Auditorium)
7:00 pm	Richard McCombie	“Target Enrichment and Single Molecule Sequencing for Genomic Analysis of Human Tumors”	
7:20 pm	Lloyd Trotman	“Identification of PHLPP as a Tumor Suppressor Reveals the Role of P53 as a Gatekeeper of Lethal Prostate Cancer Progression”	
7:40 pm	Matthew Meyerson	“Pathogen Discovery in AIDS-related Lymphoma by Next-generation Sequencing”	
8:00 – 8:40 pm	<i>Second Poster Session (With Coffee Break)</i>		(Grace Lobby & Patio)
8:40 – 10:00 pm	<i>Plenary Session: Epigenetics and Gene Expression</i> Chairs: Todd Golub and Scott Lowe		(Grace Auditorium)
8:40 pm	Sonja Stadler	“Cancer Epigenetics: Understanding the ‘Writers’, ‘Readers’ and Functional Readout of Histone Lysine and Arginine Methylation Marks in Human Cancer”	
9:00 pm	Ross Levine	“Large-Scale Studies of the Epigenetics of Human Leukemia”	
9:20 pm	Alexander Tarakhovsky	“Control of Prostate Cancer Progression by Ezh2-mediated Cytosolic Protein Lysine Methylation”	
9:40 pm	Ming Li	“Genome Wide Mapping of FoxO1 Binding-sites <i>in vivo</i> and Functional Study of FoxO1 Target Genes in Mouse T Lymphocytes”	
10:00 pm	<i>End of Day 1</i>		

Tuesday, September 21, 2010

8:30 – 9:50 am	<i>Plenary Session: Biomarkers and Risk Assessment</i>	(Grace Auditorium)
	Chairs: Paul Nurse and Tony Gotto	
8:30 am	Zsofia Stadler	“Genomic Structural Variation in Cancer Susceptibility”
8:50 am	Francesca Demichelis	“Determining Germline Risk Factors for Lethal Prostate Cancer: the Role of Copy Number Variations in Prostate Progression”
9:10 am	Howard Scher	“Genomic Analysis of Circulating Tumor Cells to Evaluate Predictive Biomarkers”
9:30 am	Steven Larson	“ZIRCONIUM-89 (ZR-89) J591 based Positron Emission Tomography (ImmunoPET) as a Basis for Improving Diagnostic Imaging of Prostate Cancer”
9:50 – 10:35 am	<i>Third Poster Session and demonstration of ICGP (With Coffee Break)</i>	(Grace Lobby & Patio)
10:35 – 11:55 am	<i>Plenary Session: Functional Genomics</i>	(Grace Auditorium)
	Chairs: Paul Nurse and Tony Gotto	
10:35 am	William Hahn	“Comparative Oncogenomics to Discover Oncogene Synthetic Lethality”
10:55 am	Selina Chen-Kiang	“Sensitizing shRNA screen for Molecular Targets in CDK4/CDK6-based Cancer”
11:15 am	Brian Grabiner	“Identification and Clinical Assessment of Genes that Regulate the Response of Cancers to Rapamycin”
11:35 am	Klass Max	“Structural and Functional Definition of Posttranscriptional Regulatory Networks of Tumor-associated RNA-binding Proteins”
12:00 – 1:00 pm	<i>Lunch</i>	(Blackford Hall)
1:00 – 2:00 pm	<i>Plenary Session: MicroRNAs and Translation</i>	(Grace Auditorium)
	Chairs: Titia de Lange and David Hajar	
1:00 pm	Sohail Tavazoie	“Identification of microRNAs that Predict Likelihood of Metastatic Relapse and Sensitivity to Chemotherapy in Human Colorectal Cancer”
1:20 pm	Eric Lai	“Elucidation of microRNA Control of Cell Signaling and Apoptosis Pathways”

1:40 pm	Michael Yaffe	“Mis-regulation of Protein Translation in the Pathogenesis and Treatment of Cancer”
2:00 – 2:25 pm	<i>Break</i>	
2:25 – 3:25 pm	<i>Plenary Session: Experimental Therapeutics</i> Chairs: Titia de Lange and David Hajjar	(Grace Auditorium)
2:25 pm	Pengbo Zhou	“Small Molecule Inhibitors of the Ubiquitin Pathway in Antagonizing Skin Carcinogenesis”
2:45 pm	Hermann Steller	“Targeting Inhibitor of Apoptosis Proteins for Cancer Therapy”
3:05 pm	Howard Hang	“Progress Toward Cell-Specific Pharmacology in Tumor Microenvironments”
3:25 pm	<i>Closing Remarks</i> Executive Committee	
	<i>Attendee Departure</i>	