

# **Starr Cancer Consortium Retreat**

Cold Spring Harbor Laboratory, September 23-24, 2013

**Monday, September 23, 2013**

9:00 – 11:00 am	<i>Attendee Arrival and Check In</i>	<b>(Grace Auditorium Lobby)</b>
11:00 am	<i>Welcome and Opening Remarks</i> Bruce Stillman President, Cold Spring Harbor Laboratory	<b>(Grace Auditorium)</b>
11:10 am – 12:30 pm	<i>Plenary Session: Cancer Genome</i> Chairs: Bruce Stillman and Laurie Glimcher	<b>(Grace Auditorium)</b>
11:10 am	Kenneth Offit	“Breast Cancer Protective Alleles by Whole Genome Association and Copy Number”
11:30 am	Steven Lipkin	“Genomewide Discovery of Novel Cancer Predisposing Mutations”
11:50 pm	Howard Scher	“Genome Wide Profiling of Single Cells for Diagnosis and Monitoring in Prostate Cancer”
12:10 pm	Jill Mesirov	“Transforming Genomics Data Visualization for Cancer Research”
12:30 – 2:00 pm	<i>Lunch</i>	<b>(Blackford Hall)</b>
2:00 – 3:20 pm	<i>Plenary Session: Functional Genomics</i> Chairs: Titia de Lange and Todd Golub	<b>(Grace Auditorium)</b>
2:00 pm	Levi Garraway	“Systematic Studies of Resistance to Targeted Anticancer Therapeutics and Combinations”
2:20 pm	Mark Rubin	“Functional Validation of Somatic Mutations in Prostate Cancer: Punctuated Evolution of Prostate Cancer Genomes”
2:40 pm	Charles Sawyers	“Discovery of Treatment Resistance Mechanisms in Prostate Cancer”
3:00 pm	Norbert Perrimon	“Genomic and Epigenetics Changes Occurring During Carcinogenesis: A Fly Perspective”
3:20– 4:10 pm	<i>First Poster Session (With Coffee Break)</i>	<b>(Grace Lobby &amp; Patio)</b>

4:10 – 5:30 pm	<b><i>Plenary Session: Cancer Biology I</i></b>	<b>(Grace Auditorium)</b>
	Chairs: Marc Tessier-Lavigne and Tom Kelly	
4:10 pm	Adrian Krainer	“Role of Alternative Splicing in the Regulation of Cancer-Cell Metabolism”
4:30 pm	Luca Cartegni	“Activation of Natural RTK Inhibitors in Cancer Therapy”
4:50 pm	Robert Roeder	“A Stable Transcription Factor Complex Nucleated by Oligomeric AML1-ETO Controls Leukemogenesis”
5:10 pm	Neal Rosen	“Development of Mechanism-Based Therapies for the Treatment of Metastatic Melanoma”
5:30 – 6:00 pm	<b><i>Wine and Cheese Reception (Posters available)</i></b>	<b>(Grace Patio)</b>
6:00 – 7:00 pm	<b><i>Banquet Dinner</i></b>	<b>(Mayr Dining Room)</b>
7:10 – 8:30 pm	<b><i>Plenary Session: Cancer Biology II</i></b>	<b>(Grace Auditorium)</b>
	Chairs: Lew Cantley and David Spector	
7:10 pm	Laura Tang	“Investigation of the ATRX-Daxx Chromatin-remodeling Complex in Pancreatic Neuroendocrine Tumors”
7:30 pm	Titia de Lange	“Loss of ATRX, Genome Instability, and an Altered DNA Damage Response are Hallmarks of the Alternative Lengthening Telomeres Pathway”
7:50 pm	Douglas Wheeler	“Identification of a Novel, Oncogenic PI3K Regulator by RNAi Screening”
8:10 pm	Christopher Vakoc	“BET Bromodomain Inhibition as Targeted Therapy in Acute Myeloid Leukemia”

***End of Day One***

## Tuesday, September 24, 2013

8:30 – 9:50 am	<b><i>Plenary Session: Cancer Biology III</i></b> Chairs: Lew Cantley and David Spector	<b>(Grace Auditorium)</b>
8:30 am	Brendon Stiles	“Proteomic Analysis of Proximal Pulmonary Venous Blood Identifies Biomarkers for Non-Small Cell Lung Cancer”
8:50 am	Ami S. Bhatt	“Pathogen Discovery in AIDS-related Lymphoma by Next-generation Sequencing”
9:10 am	Xin-Yun Huang	“Developing Fascin Inhibitors to Block Tumor Metastasis”
9:30 am	Martin J. Hicks	“AAVrh.10-Mediated Neuron Expression of an Anti-Vascular Endothelial Growth Factor Monoclonal Antibody for the Treatment of Glioblastoma”
9:50 – 10:35 am	<b><i>Second Poster Session (With Coffee Break)</i></b>	<b>(Grace Lobby &amp; Patio)</b>
10:35 – 11:55 am	<b><i>Plenary Session: Cancer Biology IV</i></b> Chairs: Tom Kelly and Bruce Stillman	<b>(Grace Auditorium)</b>
10:35 am	Michael Glickman	“An Integrated Host and Pathogen Genetic Strategy to Elucidate the Mechanism of Action of BCG in Therapy of Bladder Cancer”
10:55 am	Andrea Ventura	“A Multidisciplinary Approach to the Study of an Oncogenic microRNA Cluster”
11:15 am	Olivier Elemento	“Integrative Computational Analysis to Drive Discovery of microRNA-mediated Regulatory Networks in Cancer”
11:35 am	Malcolm Moore	“Novel Approaches to Target High Grade Ovarian Cancers”
11:55 am	<b><i>Closing Remarks</i></b> Executive Committee	
12:00 pm	<b><i>Attendee Departure - Lunch Available</i></b>	

## Poster Presentations

Posters will be displayed for the duration of the Retreat. Posters will be presented in two poster sessions. Each poster's presenter will be available at his/her poster during the assigned session. Session assignments are listed in the right hand column.

Session 1: Monday, September 23<sup>rd</sup>; 3:20 – 4:10 pm

Session 2: Tuesday, September 24<sup>th</sup>; 9:50 – 10:35 am

		<b>Session</b>
Todd Evans	“Discovery of AID-dependent Epigenetic Mechanisms in Hematological Malignancies”	<b>1</b>
Viviane Tabar	“Elucidating Mechanisms of Histone H3.3 Mutants-Mediated Oncogenesis in Pediatric Brain Cancers”	<b>2</b>
Gary Schwartz	“Therapeutic Targeting of <i>IDH1</i> and <i>IDH2</i> Mutations in Acute Myeloid Leukemia (AML) and Chondrosarcoma”	<b>2</b>
Corynn Kasap	“Comprehensive Elucidation of the Mechanisms of Action of Anticancer Molecules”	<b>1</b>
Minkui Luo	“Define Oncogenic Mechanisms of Protein Methyltransferase SETDB1 and SUV39H1 in Melanoma”	<b>1</b>
Benedikt Bosbach	“Mechanism of Tumor Progression in Mouse and Human Familial GIST”	<b>2</b>
Aaron Arvey	“Pathogen Discovery in AIDS-Related Lymphoma by Next-Generation Sequencing”	<b>2</b>
James Root	“Translational Studies of Neural Mechanisms of Chemotherapy-induced Cognitive Changes”	<b>2</b>
Chenyi Yang & Pengbo Zhou	“Small Molecule Inhibitors of the Ubiquitin Pathway in Antagonizing Skin Carcinogenesis”	<b>2</b>
Douglas Wheeler	“Identification of a Novel, Oncogenic PI3K Regulator by RNAi Screening”	<b>2</b>
Chong Luo	“Role of Foxo1 in T Cell Fate Specification: Decision between Regulatory T and T Helper 1 Cells”	<b>2</b>
Esther Drill	“An Integrative Paradigm for the Discovery of Novel Tumor Subtypes and Associated Cancer Genes”	<b>1</b>

Steve Larson	“ZIRCONIUM-89 (ZR-89) J591 based Positron Emission Tomography (ImmunoPET) as a Basis for Improving Diagnostic Imaging of Prostate Cancer”	2
Xiangao Huang	“Sensitizing shRNA screen for Molecular Targets in CDK4/CDK6-based Cancer Therapy”	1
Zsofia Stadler	“Genomic Structural Variation in Cancer Susceptibility”	1
Irtisha Singh	“Ubiquitously Transcribed Genes Use Alternative Polyadenylation to Reinforce Tissue-Specific and Oncogenic Expression Programs”	2
Hatice Osmanbeyoglu	“Linking Signaling Pathways to Transcriptional Response in Breast Cancer”	2
Ginevra Botta	“Characterizing Mechanisms of Resistance to Androgen Deprivation In Prostate Cancer”	1
Agata Smogorzewska	“RAD51 Mutation in a Patient with Fanconi Anemia-Like Phenotype”	1
Sara Meyer	“Persistence to Novel ATP-Competitive JAK2 Inhibitors is Overcome by Allosteric JAK2 Inhibition or Interference with HSP90”	1
Logan Walsh	“Unraveling the Breast Cancer Metastasis Epigenome”	1
Jamie McBean	“Elucidation of the Substrate Profile for Protein Lysine Methyltransferase SET7/9”	1
Delphine Fagegaltier	“Genomic Changes Occurring During Carcinogenesis: A Fly Perspective”	1
Mo Chen	“AML1-ETO Activates Transcription Through Recruitment of Demethylase Jmjd1C in Acute Myeloid Leukemic Cells”	2