

# **Starr Cancer Consortium Retreat**

Cold Spring Harbor Laboratory, September 24-25, 2012

## **Monday, September 24, 2012**

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	(Grace Auditorium)
11:10 am – 12:30 pm	<i>Plenary Session: RNA and Cancer Biology</i> Chairs: Bruce Stillman and Marc Tessier-Lavigne	(Grace Auditorium)
11:10 am	Robert Darnell	“Ago-miRNA Dysregulation in Primary and Metastatic Breast Cancer”
11:30 am	Sohail Tavazoie	“Identification of microRNAs that Predict Metastatic Relapse and Sensitivity to Chemotherapy in Human Colorectal Cancer”
11:50 pm	Luca Cartegni	“Activation of Natural RTK Inhibitors in Cancer Therapy”
12:10 pm	Christina Leslie	“Integrative Computational Analysis to Drive Discovery of miRNA-mediated Regulatory Programs in Cancer”
12:30 – 1:30 pm	<i>Lunch</i>	(Blackford Hall)
1:30 – 2:50 pm	<i>Plenary Session: RNA and Cancer Biology (continued)</i> Chairs: Todd Golub and Craig Thompson	(Grace Auditorium)
1:30 pm	Christine Mayr	“Development of Quantitative Proteomic and Transcriptomic Approaches to Decipher Post-Transcriptional Regulation in Cancer Pathogenesis”
1:50 pm	Jan Grimm	“Molecular Imaging to Assess Tumor-Associated Macrophages with Targeted Nanoparticles”
2:10 pm	Hans-Guido Wendel	“Eph-Receptor A7 is a Soluble Tumor Suppressor for Follicular Lymphoma”
2:30 pm	Titia de Lange	“Loss of ATRX, Genome Instability, and an Altered DNA Damage Response are Hallmarks of the Alternative Lengthening of Telomeres Pathway”
2:50 – 3:40 pm	<i>First Poster Session (With Coffee Break)</i>	(Grace Lobby & Patio)

3:40 – 5:00 pm	<b>Plenary Session: Epigenetics and Gene Expression</b> Chairs: Titia de Lange and David Spector	<b>(Grace Auditorium)</b>
3:40 pm	Peter Lewis	“Investigation of the ATRX-Daxx Chromatin-Remodeling Complex in Pancreatic Neuroendocrine Tumors”
4:00 pm	Ross Levine	“Loss of ASXL1 Results in Reduced PRC2 Function and in Myelodysplasia <i>in vivo</i> ”
4:20 pm	Yu Chen	“Elucidating Mechanisms of ETS-mediated Oncogenesis in Prostate Cancer and Gastrointestinal Stromal Tumor (GIST)”
4:40 pm	Christopher Vakoc	“Epigenetic Mechanisms of the Mixed Lineage Leukemia 1 (MLL1) Protein in Human Leukemogenesis Mediated by Specific Interactions with the PAF Transcription Elongation Complex”
5:00 – 6:00 pm	<b>Wine and Cheese Reception (Posters available)</b>	<b>(Grace Patio)</b>
6:00 – 7:00 pm	<b>Banquet Dinner</b>	<b>(Mayr Dining Room)</b>
7:10 – 8:30 pm	<b>Plenary Session: Epigenetics and Gene Expression</b> <i>(continued)</i> Chairs: Todd Golub and Bruce Stillman	<b>(Grace Auditorium)</b>
7:10 pm	Timothy Chan	“Unraveling the Breast Cancer Metastasis Epigenome”
7:30 pm	Minkui Luo	“Chemical Biology Approaches to Dissect Protein Methylation”
7:50 pm	Nina Papavasiliou	“AID: Roles in Oncogenesis and Tumor Relapse”
8:10 pm	James Bradner	“Bromodomain Inhibition as Targeted Therapy in Acute Myeloid Leukemia”
8:30 pm	<b>End of Day One</b>	

## Tuesday, September 25, 2012

8:30 – 9:50 am	<b><i>Plenary Session: Functional Genomics</i></b> Chairs: Laurie Glimcher and Tom Kelly	<b>(Grace Auditorium)</b>
8:30 am	Francesca Demichelis	“Determining Germline Risk Factors for Lethal Prostate Cancer: The Role of Copy Number Variations in Prostate Cancer Progression”
8:50 am	Agata Smogorzewska	“Identification and Functional Analysis of Novel Cancer Susceptibility Genes in Fanconi Anemia and Familial Breast Cancer Patients”
9:10 am	Ross Levine	“Molecular Dissection of Myelodysplastic Syndrome and (MDS) and Myeloproliferative Neoplasms (MPN)”
9:30 am	Ari Melnick	“Mechanisms Determining Disease Relapse in Older Patients with Acute Myeloid Leukemia”
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: Functional Genomics (continued)</i></b> Chairs: Laurie Glimcher and Tom Kelly	<b>(Grace Auditorium)</b>
10:35 am	Neal Rosen	“Development of Mechanism-Based Therapies for the Treatment of Metastatic Melanoma”
10:55 am	Benjamin Ebert	“Functional Genetic and Proteomic Analysis of Sensitivity and Resistance to Targeted Therapies”
11:15 am	Raffaella Sordella	“Functional Characterization of Genomic Abnormalities that Cooperate with EGFR and K-RAS Oncogenic Mutations in Lung Tumorigenesis”
11:35 am	Mark Rubin	“Functional Validation of Somatic Mutations in Prostate Cancer”
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 24<sup>th</sup>; 2:50 – 3:40 pm

Session 2: Tuesday, September 25<sup>th</sup>; 9:50 – 10:35 am

## Session

Jim Robinson	“Transforming Genomics Data Visualization for Cancer Research”	2
Mary-Lee Dequéant	“Genomic and Epigenetics Changes Occurring During Carcinogenesis: A Fly Perspective”	1
Gil Redelman-Sidi	“An Integrated Host and Pathogen Genetic Strategy to Elucidate the Mechanism of Action of BCG in Therapy of Bladder Cancer”	2
Andrea Ventura	“A Multidisciplinary Approach to the Study of an Oncogenic microRNA Cluster miR-17~92”	2
Fang-Ke Huang	“Developing Fascin Inhibitors to Block Tumor Metastasis”	1
Vijay Joseph & Xiaomu Wei	“Genomewide Discovery of Novel Cancer Predisposing Mutations”	2
Allison Welsh & Kandasamy Ravi	“Genome Wide Profiling of Single Cells for Diagnosis and Monitoring in Prostate Cancer”	2
William Hahn	“Novel Approaches to Target High Grade Ovarian Cancers”	2
Martin J. Hicks	“Novel Treatment Strategies for Glioblastoma Using AAV-mediated CNS Gene Transfer of Monoclonal Antibodies”	1
Brendon Stiles	“Proteomic Analysis of Proximal Pulmonary Venous Blood Identifies Biomarkers for Non-Small Cell Lung Cancer”	1
Robert Roeder	“Functions and Mechanisms of E-Box-Binding Transcription Factors in AML 1-ETO-Mediated Leukemogenesis”	1

Kamlesh K. Yadav	“Discovery of Prostate Cancer Tumor Suppressors and Treatment Biomarkers through <i>in vivo</i> RNA Interference Screens”	2
Levi Garraway	“Systematic Studies of Resistance to Targeted Anticancer Therapeutics and Combinations”	2
Ami S. Bhatt	“Sequence-based Discovery of <i>Bradyrhizobium enterica</i> in a Stem-cell Transplantation Associated Colitis Syndrome”	1
Ethel Cesarman	“Pathogen Discovery in Aids-Related Lymphoma by Next-Generation Sequencing: Analysis of the EBV Transcriptome”	1