

Starr Cancer Consortium Retreat

Cold Spring Harbor Laboratory, May 1-2, 2017

Monday, May 1, 2017

9:00 – 11:00 am		<i>Attendee Arrival and Check In</i>	(Grace Auditorium Lobby)
11:00 am		<i>Welcome and Opening Remarks</i> Bruce Stillman President Cold Spring Harbor Laboratory	(Grace Auditorium)
11:10 am – 12:30 pm		<i>Plenary Session</i> Chairs: Bruce Stillman & Titia de Lange	(Grace Auditorium)
11:10 am	1	Omar Abdel-Wahab	<i>Understanding and Targeting Spliceosomal-Mutation Hematopoietic Malignancies</i>
11:30 am	2	Michael Kharas	<i>Translation Regulation in Acute Myeloid Leukemia</i>
11:50 am	3	Je H. Lee	<i>Translating Molecular Profiles into Clinical Biomarkers Using Spatially Defined RNA Sequencing in situ</i>
12:10 pm	4	Praveen Raju	<i>Circulating Exosomal microRNA as Biomarkers of Medulloblastoma Progression, Metastasis, and Recurrence</i>
12:30 – 2:00 pm		<i>Lunch</i>	(Clarkson Dining Room, Blackford Hall)
2:00 – 3:20 pm		<i>Plenary Session</i> Chairs: Joan Massagué & Lewis Cantley	(Grace Auditorium)
2:00 pm	5	Minkui Luo	<i>Designing Sinefungin Scaffolds as Specific Protein Methyltransferase Inhibitors</i>
2:20 pm	6	Matthew Shair	<i>Inhibition of CDK8/CDK19 as a Therapeutic Strategy for MPNs</i>
2:40 pm	7	Michael Yaffe	<i>Mechanism-Based Targeting of RNA Binding Protein Networks for Chemo-Sensitization in Non-Small Cell Lung Cancer (NSCLC)</i>

3:00 pm	8	Jun Qi	<i>Targeting the Chromatin Reader Protein TRIM33 as Epigenetic Therapy in B Cell Neoplasms</i>	
3:20– 4:10 pm		<i>First Poster Session (With Coffee Break)</i>		(Grace Lobby & Patio)
4:10 – 5:10 pm		<i>Plenary Session</i> Chairs: David Spector		(Grace Auditorium)
4:10 pm	9	Norbert Perrimon	<i>Discovery and Validation of Tumor Suppressor Genes in Colorectal Cancer Using a Novel Cross Species Approach</i>	
4:30 pm	10	David Lyden	<i>Defining the Role of Tumor-Secreted Exosomes in Lymph Node Metastasis</i>	
4:50 pm	11	Chao Zhang	<i>The Impact of the Gastric Microbiome on Gastric Cancer Development</i>	
5:30 – 6:00 pm		<i>Wine and Cheese Reception (Posters available)</i>		(Grace Patio)
6:00 – 7:00 pm		<i>Banquet Dinner</i>		(Mayr Dining Room, Blackford Hall)
7:10 – 8:10 pm		<i>Plenary Session</i> Chairs: Titia de Lange & Joan Massagué		(Grace Auditorium)
7:10 pm	12	Timothy Chan	<i>Identification of Tumor Cell and Microenvironmental Determinants of Response to Immune Checkpoint Blockade in Lung Cancer</i>	
7:30 pm	13	Ann Mullally	<i>Personalized Immunotherapy for the Treatment of Hematological Malignancies</i>	
7:50 pm	14	Joseph Sun	<i>Regulation of Innate Lymphocytes, Colitis, and Colon Cancer by Transcription Factor Nfil3</i>	
8:10 pm	15	Samie Jaffrey	<i>A Massively Parallel Protein Synthesis Platform for Functional Screening of Cancer Proteomes</i>	

End of Day One

Tuesday, May 2, 2017

8:30 – 9:50 am		<i>Plenary Session</i>	(Grace Auditorium)
		Chairs: David Spector & Lewis Cantley	
8:30 am	16	Marco Seandel	<i>The Paternal Germline as a Source of de novo Cancer Risk in Offspring</i>
8:50 am	17	Titia de Lange	<i>Telomere Crisis and Chromosome Shattering in Cancer</i>
9:10 am	18	Agata Smogorzewska	<i>Threshold Effects and Non-Canonical Functions of the Tumor Suppressor BRCA2 and Interacting Proteins RAD51 and DSS1</i>
9:30 am	19	Alex Kentsis	<i>Epigenetic Control of DNA Transposition in Embryonal Cancers</i>
9:50 – 10:40 am		<i>Second Poster Session (With Coffee Break)</i>	(Grace Lobby & Patio)
10:40 – 12:00 noon		<i>Plenary Session</i>	(Grace Auditorium)
		Chair: Bruce Stillman & Craig Thompson	
10:40 am	20	Ethel Cesarman	<i>Elucidating the Etiologic Role of Linker Histone Mutations in Hematological Malignancy</i>
11:00 am	21	Lloyd Trotman	<i>Validation of a New Mouse Model System for Castration Resistant Metastatic Prostate Cancer</i>
11:20 am	22	Sanford Simon	<i>Creation of Mouse Models for Fibrolamellar Hepatocellular Carcinoma</i>
11:50 am		<i>Closing Remarks</i> Executive Committee	
12:00 pm – 1:00 pm		<i>Attendee Departure - Lunch Available</i>	

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, May 1st; 3:20 – 4:10 pm

Session 2: Tuesday, May 2nd; 9:50 – 10:40 am

Abstract			Session
23	Federico Gaiti Ronan Chaligne	<i>Discovery of Epigenetic Drivers of Tumor Evolution</i>	1
24	Giulia Pasqual	<i>Tracking T Cell-Antigen Presenting Cell Contacts within Tumors in vivo</i>	2
25	Petrina A. Georgala	<i>Identifying RNA-Binding Proteins as a Novel Class of Therapeutic Targets in Glioblastoma Cancer Stem-Like Cells</i>	1
26	Maomao Zhang	<i>An in vivo CRISPR Screen for Melanoma Progression in Zebrafish</i>	2
27	Ping Mu	<i>Transcriptional Reprogramming Drives Cancer Cell Heterogeneity and Drug Resistance</i>	1
28	Kamini Singh	<i>Exploring the eIF4A RNA Helicase as a New Cancer Drug Target</i>	2
29	Youmna Kfoury	<i>Dissecting Micro-Environmental Contributions to the Pathogenesis of Myelodysplastic Syndromes</i>	1
30	Eliezer Van Allen	<i>Patient-Driven Molecular Characterization of Rare and Refractory Germ Cell Tumors</i>	2

31	Teng Han	<i>Investigating Cancer-Associated Structural Genomic Rearrangements Using in vivo Genome Editing</i>	1
32	Sara Parsa	<i>Dissecting SHMT2 Function as a Metabolic Driver of Lymphomagenesis</i>	2
33	Yotam Drier	<i>Epigenetic Control of Oncogenes and Transposase-Induced Genomic Rearrangements</i>	1
34	Cheng-kui Pei	<i>Targeting the Chromatin Reader Protein TRIM33 as Epigenetic Therapy in B Cell Neoplasms</i>	2
35	Alan Shih	<i>Therapeutic Targeting of IDH1 and IDH2 Mutations in Acute Myeloid Leukemia (AML) and Chondrosarcoma</i>	1
36	Hiroyoshi Kunimoto	<i>AID is a Key Regulator of Myeloid/Erythroid Differentiation and DNA Methylation in Hematopoietic Stem/Progenitor Cells</i>	2
37	Yu Chen	<i>Co-Clinical Trials Using Organoids for Patients with Advanced Prostate Cancer</i>	1
38	Priyanka Vijay	<i>Single-Cell Resolution of Emergent Clones in the Myelodysplastic Syndromes (MDS) During Therapy and Disease Progression</i>	2
39	Ritu Kumar	<i>The Cytosine Deaminase AID is Required for Stem Cells to Achieve the Naïve Pluripotent State</i>	1
40	Jayanta Chaudhuri	<i>Role of RNA in Targeting AID to DNA in B Cell Immunity and Cancer</i>	2
41	Yan Yan	<i>Diet-Linked Gut Microbiome Risk Factors in Colorectal Carcinogenesis</i>	1

42	Chenxi Tian	<i>Proteomic Analyses of Extracellular Matrix in Pancreatic Cancer</i>	1
43	Chao Zhang	<i>Genomic, Microbial And Immunological Characterization on Gastrointestinal Biopsy Samples with Next Generation Sequencing</i>	1
44	Pei Xin Lim Jeanette Sutherland Raymond Noonan	<i>Threshold Effects And Non-Canonical Functions of the Tumor Suppressor BRCA2 and Interacting Proteins RAD51 and DSS1: Assessing Somatic Tumor-Associated RAD51 Mutations and Screening For Novel Dominant-Interfering RAD51 Proteins</i>	2
45	Peter J. Cook	<i>Investigating Cancer-Associated Structural Genomic Rearrangements Using in vivo Genome Editing</i>	2