

Starr Cancer Consortium Retreat

Cold Spring Harbor Laboratory, April 30 – May 1, 2018

Monday, April 30, 2018

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 & Craig Thompson	(Grace Auditorium)
11:10 am	1	Praveen Raju	<i>Circulating Exosomal microRNA as Biomarkers of Medulloblastoma Progression, Metastasis, and Recurrence</i>
11:30 am	2	Michael Kharas	<i>Translation Regulation in Acute Myeloid Leukemia</i>
11:50 am	3	Hans-Guido Wendel	<i>Exploring the eIF4A RNA Helicase as a New Cancer Drug Target</i>
12:10 pm	4	Sanford Simon	<i>Creation of Mouse Models for Fibrolamellar Hepatocellular Carcinoma</i>
12:30 – 2:00 pm		<i>Lunch</i>	(Blackford Hall)
2:00 – 3:20 pm		<i>Plenary Session</i> Chairs: Todd Golub & Richard Lifton	(Grace Auditorium)
2:00 pm	5	Marco Seandel	<i>The Paternal Germline as a Source of de novo Cancer Risk in Offspring</i>
2:20 pm	6	Ethel Cesarman	<i>Elucidating the Etiologic Role of Linker Histone Mutations in Hematologic Malignancy</i>
2:40 pm	7	Jun Qi	<i>Targeting the Chromatin Reader Protein TRIM33 as Epigenetic Therapy in B Cell Neoplasms</i>
3:00 pm	8	Alexander Meissner	<i>Discovery of Epigenetic Drivers of Tumor Evolution</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 & Joan Massagué	(Grace Auditorium)
4:10 pm	9	Samie Jaffrey	<i>A Massively Parallel Protein Synthesis Platform for Functional Screening of Cancer Proteomes</i>
4:30 pm	10	Taha Merghoub	<i>Personalized Immunotherapy for the Treatment of Hematological Malignancies</i>
4:50 pm	11	Gabriel Victora	<i>Tracking T Cell-Antigen Presenting Cell Contacts within Tumors in vivo</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: Richard Lifton & Todd Golub	(Grace Auditorium)
7:10 pm	12	Alex Kentsis	<i>Epigenetic Control of DNA Transposition in Embryonal Cancers</i>
7:30 pm	13	David Solit	<i>Patient-Driven Molecular Characterization of Rare and Refractory Germ Cell Tumors</i>
7:50 pm	14	Teng Han	<i>Investigating Cancer-Associated Structural Genomic Rearrangements Using in vivo Genome Editing</i>
8:10 pm	15	John Maciejowski	<i>Telomere Crisis and Chromosome Shattering in Cancer</i>

End of Day One

Tuesday, May 1, 2018

8:50 – 9:50 am		<i>Plenary Session</i>	(Grace Auditorium)
		Chairs: Craig Thompson & David Spector	
8:50 am	16	Je H. Lee	<i>Translating Molecular Profiles into Clinical Biomarkers Using Spatially Defined RNA Sequencing in situ</i>
9:10 am	18	Christopher Park	<i>Identifying RNA-Binding Proteins as a Novel Class of Therapeutic Targets in Glioblastoma Cancer Stem-Like Cells</i>
9:30 am	19	Leonard Zon Charles Sawyers	<i>Transcriptional Reprogramming Drives Cancer Cell Heterogeneity and Drug Resistance</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: Joan Massagué & Bruce Stillman	
10:40 am	20	Youmna Kfoury	<i>Dissecting Micro-Environmental Contributions to the Pathogenesis of Myelodysplastic Syndromes</i>
11:00 am	21	Richard White	<i>An in vivo CRISPR Screen for Melanoma Progression in Zebrafish</i>
11:20 am	22	Sara Parsa	<i>Dissecting SHMT2 Function as a Metabolic Driver of Lymphomagenesis</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, April 30th; 3:20 – 4:10 pm

Session 2: Tuesday, May 1st; 9:50 – 10:40 am

Abstract			Session
23	Gina Lee Hong-Wen Tang	<i>Biochemical and Genetic Investigation of Oncogenic TOR-dependent Regulation of RNA Metabolism and Tumorigenesis using Cross-species Approaches</i>	1
24	Yuanming Cheng	<i>The mRNA Methylation Program in Leukemia</i>	2
25	Ahmet Zehir	<i>Clonal Hematopoiesis as a Driver of Adverse Clinical Outcome</i>	1
26	Coraline Mlynarczyk	<i>Defining the Cellular Origin and Mechanistic Basis for Therapy Resistant B-cell Lymphomas</i>	2
27	Sanjeethan Baksh	<i>Dissecting the Metabolic Regulation of Tumor Initiating Stem Cells</i>	1
28	Rona Yaeger	<i>Defining Key Genomic Alterations in the Carcinogenesis of Colitis-associated Cancers</i>	2
29	Lisa Giulino Roth	<i>Modulation of Viral Latency in EBV-associated Lymphomas as a Mechanism to Sensitize Tumors to EBV-directed Cellular Therapy</i>	1
30	Gadi Lalazar Patrick Bhola	<i>High Throughput Identification of Apoptosis Sensitizing Compounds in Fibrolamellar Hepatocellular Carcinoma</i>	2
31	Xiaotong Yao	<i>Deciphering Signatures of Broken DNA Repair Pathways in Long-range Cancer Whole Genome Sequences</i>	1

32	Dawid Nowak	<i>The PHLPP2 Phosphatase is a Druggable Driver of Prostate Cancer Metastasis</i>	2
33	Delia Tomoiaga	<i>Single-Cell Resolution of Emergent Clones in the Myelodysplastic Syndromes (MDS) During Therapy and Disease Progression</i>	1
34	David Liu	<i>ERCC2S somatic Mutations as Biomarkers of Platinum Chemotherapy Sensitivity in Urothelial Carcinoma and other Platinum-treated Tumors</i>	2
35	Akihide Yoshimi	<i>Coordinated Alterations in RNA Splicing and Epigenetic Regulation Drive Leukemogenesis</i>	1
36	Mohammad Alinoor Rahman	<i>NMD as a Potential Mechanism of Oncogenesis in Spliceosomal-Mutant MDS</i>	2
37	Roberta Zappasodi	<i>Modulation of T_{FH}-like Cells and Anti-tumor Activity of Immune Checkpoint Blockade</i>	1
38	Takashi Onikubo	<i>Gene-Specific H1 Removal through a Transcriptional Activator-P300-NAP1 Pathway</i>	2
39	Nevin Yusufova	<i>Elucidating the Etiologic Role of Linker Histone Mutations in Hematological Malignancy</i>	1
40	Kamini Singh	<i>Targeting eIF4A Dependent Translation as Therapeutics in Pancreatic Cancer</i>	2
41	Aleksey Chudnovskiy	<i>Defining Dendritic Cell- T cell Interaction History Within the Tumor Microenvironment Using Enzymatic Labeling</i>	1
42	Diu Nguyen	<i>The role of Myb Binding Protein 1A in Leukemia</i>	2
43	Sylvie Le Blancq	<i>Starr Technology Commercialization Fund</i>	1
44	Julie Behr	<i>Deciphering Signatures of Broken DNA Repair Pathways in Long-range Cancer Whole Genome Sequences</i>	2
45	Sara Parsa	<i>Dissecting SHMT2 Function as a Metabolic Driver of Lymphomagenesis</i>	1

46	Maurizio Fazio	<i>SATB2 Reactivates Neural Crest Developmental Program in Melanoma Leading to Invasion and MAPKi Resistance</i>	2
47	Steven Chung	<i>CD99 Regulates Normal and Malignant Hematopoietic Stem Cell Function by Restricting Protein Translation</i>	1