

**Organizing Committee:**

Michele Carbone  
 Bruce Beutler  
 Carlo Croce  
 Haining Yang

**Sponsors:**

Weinman Foundation, Honolulu  
 University of Hawaii Cancer Center

**Tuesday, January 23, 2024**

16:30			Bus pick-up from Hotel (Prince Waikiki Hotel)
17:15	19:30	2 hrs 15	<b>Welcome Dinner, Outrigger Canoe Club by invitation only.</b>
19:30			Depart to Hotel

**Day 1 - Wednesday, January 24, 2024**

Start Time	End Time	Duration	Topic	Speaker
7:15			Bus pick-up from Hotel (Prince Waikiki Hotel)	
7:30	7:50	20	Breakfast—UH Cancer Center Sullivan Conference Center	
7:50	8:00	10	<b>Welcome</b>	Michele Carbone
<b>Session 1: Immunity and Cancer Chair – Naoto Ueno</b>				
8:00	8:10	10	Introduction	Naoto Ueno
8:10	8:30	20	#1 Newborn screening using WGS – a tool for identification of inborn errors of immunity and cancer.	Lennart Hammarström
8:30	8:35	5	Q & A	
8:35	8:55	20	#2 How does PD-1 blockade therapy work	Anthony Ribas
8:55	9:00	5	Q & A	
9:00	9:20	20	#3 Infection, immunity and B cell lymphomagenesis	Qiang Pan Hammarström
9:20	9:25	5	Q & A	
9:25	9:45	20	#4 Tumor associated mesenchymal stem/stromal cells: emerging therapeutic targets	Ying Wang
9:45	9:50	5	Q & A	
9:50	10:05	15	<b>BREAK</b>	
<b>Session 2: Genetics Chair – Yoshie Yoshikawa</b>				
10:05	10:15	10	Introduction	Yoshie Yoshikawa
10:15	10:35	20	#5 Extrachromosomal DNA (ecDNA): Cancer's dynamic circular genome	Paul Mischel
10:35	10:40	5	Q & A	
10:40	11:00	20	#6 Somatic Mosaicism Across Species	Margaret Goodell
11:00	11:05	5	Q & A	
11:05	11:25	20	#7 Chromatin regulation through RNA methylation in cancer	Chuan He
11:25	11:30	5	Q & A	
11:30	11:50	20	#8 Germline rare deleterious variants in cancer risk and tumor characteristics	Zeynep Gümüş
11:50	11:55	5	Q & A	
11:55	12:15	20	#9 Germline BAP1 mutations and cancer	Michele Carbone
12:15	12:20	5	Q & A	
12:20	13:20	80	<b>LUNCH</b>	
13:30			Depart to Hotel	
17:00			Bus pick-up from Hotel (Prince Waikiki Hotel)	
17:30	19:30	2 hrs	<b>Faculty Dinner, Mitch's Sushi Bar, by invitation only</b>	
19:35			Depart to Hotel	

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January 23-26, 2024

Day 2 - Thursday, January 25, 2024

Start Time	End Time	Duration	Topic	Speaker
7:20			Bus pick-up from Hotel (Prince Waikiki Hotel)	
7:30	7:50	30	Breakfast—UH Cancer Center Sullivan Conference Center	
<b>Session 3: Signal transduction and metabolism Chair – David Schrump</b>				
7:50	8:00	10	Introduction	David Schrump
8:00	8:20	20	#10 Neuroimmunology and Cancer: possible links	Tak Mak
8:20	8:25	5	Q & A	
8:25	8:45	20	#11 Enhancing the efficacy of TEAD inhibition in Hippo pathway deficient cancers	Pasi A. Jänne
8:45	8:50	5	Q & A	
8:50	9:10	20	#12 Protein Kinases and Cancer Metabolism	Lewis Cantley
9:10	9:15	5	Q & A	
9:15	9:35	20	#13 Biomolecular Condensates in Cancer: New Insights and Targets for Therapy	Richard Young
9:35	9:40	5	Q & A	
9:40	10:00	20	#14 How understanding metabolism informs cancer biology	Matthew Vander Heiden
10:00	10:05	5	Q & A	
10:05	10:25	20	#15 Age against the machine: How aging disrupts the homeostasis of cancer	Ashani Weeraratna
10:25	10:30	5	Q & A	
10:30	10:45	15	<b>BREAK</b>	
<b>Session 4: How to help cancers cells die Chair – Gerry Melino</b>				
10:45	10:55	10	Introduction	Gerry Melino
10:55	11:15	20	#16 Targeting Ferroptosis and Disulfidptosis in Cancer	Boyi Gan
11:15	11:20	5	Q & A	
11:20	11:40	20	#17 Ferroptosis, mechanisms and cancer therapeutic implication	Xuejun Jiang
11:40	11:45	5	Q & A	
11:45	12:05	20	#18 The balance between DNA repair and cell death determines cancer growth	Alan D'Andrea
12:05	12:10	5	Q & A	
12:10	12:30	20	#19 New treatment options at the ER-mitochondria contact sites in Cancer	Carlotta Giorgi
12:30	12:35	5	Q & A	
12:35	12:55	20	#20 Novel genes that predispose to mesothelioma: mechanisms	Haining Yang
12:55	13:00	5	Q & A	
13:00	14:00	60	<b>Faculty LUNCH</b>	
14:05			Depart to Hotel	
17:00			Bus pick-up from Hotel (Prince Waikiki Hotel)	
17:30	20:00		<b>Faculty Dinner, Orchids, Halekulani Hotel, by invitation only</b>	
20:05			Depart to Hotel	

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Day 3 - Friday, January 26, 2023				
Start Time	End Time	Duration	Topic	Speaker
7:20			Bus pick-up from Hotel (Prince Waikiki Hotel)	
7:30	8:00	30	Breakfast—UH Cancer Center Sullivan Conference Center	
Keynote Lectures				
8:00	8:05	5	Welcome	Michele Carbone (U. Hawaii, USA)
8:05	8:10	5	Introduction to Dr. Bruce Beutler	Qiang Pan Hammarström (Karolinska Institute Sweden)
8:10	8:50	40	1 <sup>st</sup> Keynote Lecture: Single nucleotide changes in the germline causing resistance to cancer	Bruce Beutler (UT Southwestern USA)
8:50	9:00	10	Q&A	
9:00	9:05	5	Introduction to Dr. Carlo Croce	Bruce Beutler (UT Southwestern)
9:05	9:45	40	2 <sup>nd</sup> Keynote Lecture: MiR-155	Carlo Croce (Ohio State University, USA)
9:45	9:55	10	Q&A	
9:55	10:00	5	Introduction to Dr. William G. Kaelin Jr.	Lennart Hammarström (Karolinska Institute, Sweden)
10:00	10:40	40	3 <sup>rd</sup> Keynote Lecture: Drugging Undruggable Cancer Targets	William G. Kaelin, Jr. (Dana Farber Cancer Institute, USA)
10:40	10:50	10	Q&A	
10:50	11:00	10	BREAK	

Weinman Lecture & Award				
11:00	11:05	5	Introducing Cancer Survivor	Michele Carbone
11:05	11:15	10	Cancer survivor testimony on the importance of cancer research	Suellen Crano
11:15	11:20	5	Weinman Introduction	Michele Carbone
11:20	11:25	5	Honorable Governor, State of Hawaii	Josh Green, MD
11:25	11:35	10	Weinman Award	Barry Weinman and Josh Green
11:35	11:40	10	Introduction to Dr. Peter Vogt	Webster Cavenee
11:40	12:20	40	XV Weinman Award Lecture	Peter K. Vogt
12:20	12:30	10	Q&A	
12:30	14:00	90	Faculty LUNCH with high school students: Chair Carlo Croce	
14:00			Depart to Hotel	
16:40			Bus pick-up from Hotel (Prince Waikiki Hotel)	
17:00	20:30		Weinman Award Dinner Reception with live concert by Makana ( <a href="https://www.makanamusic.com/">https://www.makanamusic.com/</a> ) at Villa Carbone, by invitation only	
20:40			Depart to Hotel	