

# XII and XIII Annual Weinman Symposium: International Conference on GxE in Cancer

January 25 - 28, 2022

**Organizing Committee:**

Michele Carbone  
Bruce Beutler  
Carlo Croce  
Haining Yang

**Sponsors:**

Weinman Foundation, Honolulu  
University of Hawaii Cancer Center

## Day 1 - Wednesday, January 26, 2022

Start Time	End Time	Duration	Topic	Speaker
8:00	8:05	5	Welcome	Michele Carbone
<b>Session 1: Genetics Chair – Alan D’Andrea</b>				
8:05	8:15	10	Introduction	Alan D’Andrea
8:15	8:35	20	#1 Somatic mutation in normal tissues at single molecule resolution	Inigo Martincorena
8:35	8:40	5	Q & A	
8:40	9:00	20	#2 Cytoskeletal Remodeling by Chromatin Modifiers to Maintain Genomic Stability	Cheryl Walker
9:00	9:05	5	Q & A	
9:05	9:25	20	#3 HMGB1 in tissue regeneration and cancer	Marco Bianchi
9:25	9:30	5	Q & A	
9:30	9:45	15	BREAK	
<b>Session 2: Microenvironment Chair – Webster Cavenee</b>				
9:45	9:55	10	Introduction	Webster Cavenee
9:55	10:15	20	#4 Metabolic-epigenetic regulation of macrophage function through histone lactylation	Lev Becker
10:15	10:20	5	Q & A	
10:20	10:40	20	#5 BAP1 and HMGB1: mechanisms of Gene X Environment interaction in mesothelioma	Haining Yang
10:40	10:45	5	Q & A	
10:45	11:05	20	#6 Ligand Directed Targeting in Translational Medicine	Wadih Arap
11:05	11:10	5	Q & A	
11:10	11:25	15	BREAK	
<b>Session 3: Signaling Chair – Lewis Cantley</b>				
11:25	11:35	10	Introduction	Lewis Cantley
11:35	11:55	20	#7 The Hippo Pathway and Cancer	Kun-Liang Guan
11:55	12:00	5	Q & A	
12:00	12:20	20	#8 Signaling regulating cell death	Gerry Melino
12:20	12:25	5	Q & A	
12:25	12:45	20	#9 Using evolutionary statistics to define hierarchical protein interaction networks	Arjun Raman
12:45	12:50	5	Q & A	
12:50	13:10	20	#10 Calcium signaling in cancer cells	Carlotta Giorgi
13:10	13:15	5	Q/A	
13:15	14:15	60	SPEAKERS LUNCH	

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Day 2 - Thursday, January 27, 2022				
Start Time	End Time	Duration	Topic	Speaker
<b>Session 4: Thoracic Oncology Therapeutics Chair – Harvey I Pass</b>				
8:00	8:10	10	Introduction	Harvey I Pass
8:10	8:30	20	#11 Prevention and Treatment of targeted therapy induced drug persistent disease in lung cancer	Pasi Janne
8:30	8:35	5	Q & A	
8:35	8:55	20	#12 Adoptive T cell Therapies Targeting Mesothelin for Malignant Mesothelioma	Raffit Hassan
8:55	9:00	5	Q & A	
9:00	9:20	20	#13 Proactive Screening for Mesothelioma in BAP1 Tumor Predisposition Syndrome: Rationale, Challenges, and Opportunities	David Schrupp
9:20	9:25	5	Q & A	
9:25	9:45	20	#14 BAP1 mutations reduce tumor progression and metastases in mesothelioma	Michele Carbone
9:45	9:50	5	Q/A	
9:50	10:05	15	BREAK	
10:05	10:10	5	Introduction	Giuseppe Novelli
<b>10:10</b>	<b>10:45</b>	<b>35</b>	<b>Nobel Lecture: Forward Genetics</b>	Bruce Beutler
<b>10:45</b>	<b>10:55</b>	<b>10</b>	<b>Q/A</b>	
<b>Session 5: Immunotherapy Chair - Carlo Croce</b>				
10:55	11:05	10	Introduction	Carlo Croce
11:05	11:25	20	#15 TCR-T the letter of next generation of CAR-T	Tak Mak
11:25	11:30	5	Q & A	
11:30	11:50	20	#16 Multimodal Precision Immunotherapy: Co-targeting Immune-Evasive Oncogenic Signaling Networks and PD-1	J. Silvio Gutkind
11:50	11:55	5	Q & A	
11:55	12:15	20	#17 Genetic landscape of hepatitis B virus-associated B cell lymphoma: insights for targeted immunotherapy	Qiang Pan Hammarström
12:15	12:20	5	Q & A	
12:20	13:20	60	SPEAKERS LUNCH	

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**Day 3 - Friday, January 28, 2022**

Start Time	End Time	Duration	Topic	Speaker
<b>Session 6: Tumor progression and Metastases Chair – Craig Thompson</b>				
8:00	8:10	10	Introduction	Craig Thompson
8:10	8:30	20	#18 Aging a driver of tumor progression and metastases	Ashani Weeraratna
8:30	8:35	5	Q & A	
8:35	8:55	20	#19 Epithelial-Mesenchymal Plasticity in Carcinoma Metastasis	Jing Yang
8:55	9:00	5	Q & A	
9:00	9:20	20	#20 Elucidating Cancer Metabolic Flexibility: When Genetic and Metabolic States Converge	Jose Onuchic
9:20	9:25	5	Q & A	
9:25	9:45	20	BREAK	

**Weinman Lecture & Award**

9:45	9:50	5	Introducing Weinman Award and Winners	Michele Carbone
9:50	10:00	10	Weinman Introduction	LT Governor Josh Green M.D.
10:00	10:10	10	Weinman Award	Mr. and Mrs. Weinman
10:10	10:50	40	1 <sup>st</sup> Weinman Lecture XIII Weinman Award Recipient	Napoleone Ferrara
10:50	11:00	10	Q&A	
11:00	11:40	40	2 <sup>nd</sup> Weinman Lecture XII Weinman Award co-Recipient	James E Cleaver
11:40	11:50	10	Q&A	
11:50	12:30	40	3 <sup>rd</sup> Weinman lecture XII Weinman Award co-Recipient	Hans Clevers
12:30	12:40	10	Q/A	
12:40	13:40	60	SPEAKERS LUNCH	