

# 2016 Coffey - Holden Prostate Cancer Academy Meeting

# Beyond Seed and Soil: Understanding and Targeting Metastatic Prostate Cancer

# June 23-26, 2016 Loews Coronado Bay Resort Coronado, CA

## **Program Organizing Committee:**

Sameek Roychowdhury, MD, PhD, Chair (The Ohio State University) Sangeeta Goswani, MD, PhD (The University of Texas MD Anderson Cancer Center) Joseph Ippolito, MD, PhD (Washington University School of Medicine) Saul Priceman, PhD (City of Hope) Colin Pritchard, MD, PhD (University of Washington) Karen Sfanos, PhD (Johns Hopkins University) Sumit Subudhi, MD, PhD (The University of Texas MD Anderson Cancer Center)



Loews Coronado Bay Resort

4000 Coronado Bay Road Coronado, CA 92118

## Thursday, June 23, 2016

## THURSDAY, JUNE 23, 2016

3:00 PM - 5:00 PM	Registration	Constellation Foyer
5:00 PM - 6:00 PM	Welcome Reception	Marina Terrace
6:00 PM - 7:15 PM	Welcome Dinner	Marina Terrace
7:15 PM - 7:30 PM	Move to Session I	Constellation Ballroom

## Session I: Introduction

Welcome and Opening Remarks Stuart Holden, MD Prostate Cancer Foundation; University of California, Los Angeles
<b>Immune Checkpoint Blockade in Cancer Therapy</b> <b>James Allison, PhD</b> The University of Texas MD Anderson Cancer Center



## PROSTATE CANCER FOUNDATION 2016 Coffey-Holden Prostate Cancer Academy

## Friday, June 24, 2016

## **FRIDAY, JUNE 24, 2016**

6:30 AM	Registration	Constellation Foyer
6:45 AM - 7:45 AM	Breakfast	Mistral
7:45 AM - 8:00 AM	Move to Session II	Constellation Ballroom

### Session II: Charge to Participants: The Big Questions

8:00 AM - 8:30 AM The Big Questions Kenneth Pienta, MD Johns Hopkins University

Session III: Turning to the Host for Answers: Impact of the Microenvironment

Session Chair: Sangeeta Goswani, MD, PhD The University of Texas MD Anderson Cancer Center

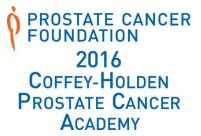
> Distinguished Lecture: 8:30 AM - 8:50 AM Of Platelets, Their Function, and Their Role in Prostate Cancer Edward Plow, PhD Cleveland Clinic

## Discussion 8:50 AM - 9:10 AM

First Question: Akash Patnaik, MD, PhD

9:10 AM - 9:20 AM	Diversity of the CD8 T-Cell Response in Human Cancer Haydn Kissick, PhD
	Emory University School of Medicine
9:20 AM - 9:40 AM	Discussion First Question: Stephen Plymate, MD





Friday, June 24, 2016

#### <u>Distinguished Lecture:</u> 9:40 AM – 10:00 AM Osteoclast Function in the Metastatic Bone Niche G. David Roodman, MD, PhD

Indiana University School of Medicine

Discussion 10:00 AM – 10:20 AM First Question: Andrew Hsieh, MD

10:20 AM - 10:30 AM	<b>Tumor Stroma in Cancer Progression and Metastasis</b> <b>Raghu Kalluri, MD, PhD</b> The University of Texas MD Anderson Cancer Center
10:30 AM -10:50 AM	Discussion
	First Question: Himisha Beltran, MD
10:50 AM - 11:00 AM	Investigation of Cancer Progression and Metastasis at the Single- Cell Level
	Devon Lawson, PhD
	University of California, Irvine
11:00 AM - 11:20 AM	Discussion
	First Question: John Lee, MD

#### <u>Distinguished Lecture:</u> 11:20 AM - 11:40 AM

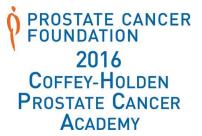
Molecular and Metabolic Control of Osteoblast Differentiation and Functions Gerard Karsenty, MD, PhD

Columbia University Medical Center

#### Discussion 11:40 AM - 12:00 PM

First Question: Ana Aparicio, MD

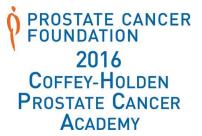




# Friday, June 24, 2016

12:00 PM – 1:00 PM		
Lowering Cost While Improving Care		
Steven A. Burd Founder & CEO, Burd Health LLC PCF Board Member		
1:00 PM – 1:50 PM	Lunch	Mistral
1:50 PM - 2:00 PM	Move to Session IV	Constellation Ballroom
Session IV: Immuno-On	cology and the Tumor Microenvironmer	<u>nt</u>
Session Chair:	Saul Priceman, PhD City of Hope	
2:00 PM - 2:10 PM	Prostate Cancer Vaccines Based on Att Monocytogenes Charles Drake, MD, PhD John Hopkins University	enuated Listeria
2:10 PM – 2:30 PM	Discussion First Question: Michael Haffner, MD, PhD	
2:30 PM - 2:40 PM	<b>Epigenetic Changes in T cells in Respon</b> <b>Sangeeta Goswami, MD, PhD</b> The University of Texas MD Anderson Cancer Co	-
2:40 PM - 3:00 PM	Discussion First Question: Christina Jamieson, PhD	
3:00 PM - 3:10 PM	<b>Myeloids Cells in Cancer Therapy</b> <b>Brian Ruffell, PhD</b> H. Lee Moffitt Cancer Center & Research Institut	e
3:10 PM - 3:30 PM	Discussion First Question: Andrew Armstrong, MD	-
3:30 PM - 3:40 PM	From the Clinic to the Lab: What Does Look Like in Patients With Prostate Ca Padmanee Sharma, MD, PhD The University of Texas MD Anderson Cancer Co	ncer?
3:40 PM - 4:00 PM	Discussion First Question: Nima Sharifi, MD	





Friday, June 24, 2016

#### <u>Distinguished Lecture:</u> 4:00 PM - 4:20 PM Molecular Mechanisms of Tumor and Bone Interactions Katherine Weilbaecher, MD

Washington University School of Medicine

Discussion 4:20 PM – 4:40 PM First Question: Ashley Ross, MD, PhD

#### <u>Session V: Exceptional Non-Responders and the New Landscape of Metastatic Prostate</u> <u>Cancer</u>

Session Chair:	Sameek Roychowdhury, MD, Pl The Ohio State University	hD
4:40 PM - 4:50 PM	The NCI's Exceptional Respond William Dahut, MD National Cancer Institute	ler Program
4:50 PM – 5:10 PM	Discussion First Question: Sean McGuire, MD,	PhD
5:10 PM - 5:20 PM	<b>Exceptional Non-Responders: Won Kim, MD</b> University of California, San Francisco	Furning the Tide
5:20 PM - 5:40 PM	Discussion First Question: William Nelson, MD,	, PhD
5:40 PM – 5:50 PM	Actionable Alterations in Advar Umbrella Trial for mCRPC Felix Feng, MD University of California, San Francisco	nced Prostate Cancer: Towards an
5:50 PM - 6:10 PM	Discussion First Question: Steven Cho, MD	
6:10 PM – 7:10 PM	Dinner	Marina Terrace
7:10 PM – 7:20 PM	Move to Session VI	Constellation Ballroom



## Friday, June 24, 2016

## <u>Session VI: Does the Microbiome Play a Role in Prostate Cancer? Insights from Current</u> <u>Microbiome Research</u>

Session Chair:	Karen Sfanos, PhD Johns Hopkins University
7:20 PM - 7:30 PM	The Sterile Bladder: A Dogma Debunked Alan Wolfe, PhD Loyola University Chicago
7:30 PM - 7:50 PM	Discussion First Question: Christopher Barbieri, MD, PhD
7:50 PM – 8:00 PM	Microbiota and Prostate Disease Karen Sfanos, PhD Johns Hopkins University
8:00 PM - 8:20 PM	Discussion First Question: Wassim Abida, MD, PhD
8:20 PM - 8:30 PM	Gut Microbiota Modulate Prostate Cancer Susan Erdman, DVM, MPH Massachusetts Institute of Technology
8:30 PM - 8:50 PM	Discussion First Question: Adam Dicker, MD, PhD
8:50 PM – 9:00 PM	Microbiota and Cancer Therapy Romina Goldszmid, PhD National Cancer Institute
9:00 PM - 9:20 PM	Discussion First Question: William Redmond, PhD



## Saturday, June 25, 2016

## SATURDAY, JUNE 25, 2016

6:45 AM - 7:45 AM	Breakfast
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7:45 AM - 8:00 AM **Move to Session VII** 

Mistral

Constellation Ballroom

### Session VII: DNA Repair Deficiency in Advanced Prostate Cancer

Session Chair:

**Colin Pritchard, MD, PhD** University of Washington

#### <u>Distinguished Lecture:</u> 8:00 AM – 8:20 AM DNA Repair Deficiency and Radiosensitivity in Prostate Cancer Robert Bristow, MD, PhD

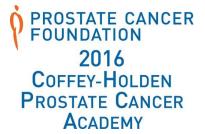
Princess Margaret Cancer Centre, Canada

## Discussion

8:20 AM - 8:40 AM First Question: Todd Morgan, MD

8:40 AM - 8:50 AM	PARP Inhibition in DNA Repair Deficient Advanced Prostate Cancer Joaquin Mateo, MD
	Institute of Cancer Research, UK
8:50 AM - 9:10 AM	Discussion
	First Question: John Isaacs, PhD
9:10 AM - 9:20 AM	Germline DNA Repair Gene Mutations in Metastatic Prostate Cancer
	Heather Cheng, MD, PhD
	University of Washington
9:20 AM - 9:40 AM	Discussion
	First Question: Mark Rubin, MD





Saturday, June 25, 2016

#### <u>Distinguished Lecture:</u> 9:40 AM – 10:00 AM Unmet Needs In Breast Cancer: Implications For Other Diseases Clifford Hudis, MD

Memorial Sloan Kettering Cancer Center

Discussion

**10:00 AM – 10:20 AM** First Question: Andrew Goldstein, PhD

#### 10:20 AM - 11:50 AM

<u>Session VIII:</u> <u>Big Ideas Part 1: Developing Time Magazine Cover Concepts</u>

> Moderator: Sameek Roychowdhury, MD, PhD The Ohio State University

11:50 AM	Group Pictures	
12:00 PM – 1:30 PM	Lunch	Mistral
	Free Afternoon	
1:15 PM – 2:15 PM	<b>Personal Training Session</b> ( <i>RSVP required, limited availability</i> ) <i>Lunch available immediately following training session</i>	7
5:45 PM – 6:45 PM	Dinner	Marina Terrace
6:45 PM – 7:00 PM	Move to Lecture Session	Constellation Ballroom





Saturday, June 25, 2016

#### <u>Distinguished Lecture:</u> 7:00 PM – 7:20 PM Molecular Pathology of Metastatic Prostate Cancer: A Changing Landscape? Angelo De Marzo, MD, PhD

Johns Hopkins University

**Discussion 7:20 PM – 7:40 PM** First Question: Won Kim, MD

### Session IX: Novel Biomarkers and Applications

Session Chair:	Sameek Roychowdhury, MD, PhD The Ohio State University
7:40 PM - 7:50 PM	Orthogonal Endpoints in CTC Biomarkers: Prediction, Pharmacodynamics, Discovery Joshua Lang, MD
7:50 PM - 8:10 PM	University of Wisconsin Carbone Cancer Center Discussion First Question: Martin Pomper, MD, PhD
8:10 PM - 8:20 PM	Novel Clinical Grade RNAseq Applications for Patient Care Sameek Roychowdhury, MD, PhD The Ohio State University
8:20 PM - 8:40 PM	Discussion First Question: Martin Gleave, MD
8:40 PM - 8:50 PM	Deep Sequencing of Circulating Tumor DNA for Personalized Cancer Detection and Monitoring Maximillian Diehn, MD, PhD Stanford University
8:50 PM - 9:10 PM	Discussion First Question: Lu Yang, MD



## Sunday, June 26, 2016

## **SUNDAY, JUNE 26, 2016**

6:00 AM - 6:45 AM

Breakfast

6:45 AM - 7:00 AM

Move to Session X

Mistral

Constellation Ballroom

#### <u>Distinguished Lecture:</u> 7:00 AM – 7:20 AM

Molecular Heterogeneity of Primary and Metastatic Prostate Cancer: Implications for Treatment Selection

Peter Nelson, MD

Fred Hutchinson Cancer Research Center

**Discussion 7:20 AM – 7:40 AM** First Question: John Kellogg-Parsons, MD

### Session X: Imaging the Tumor Microenvironment From Micro to Macro

Session Chair:	<b>Joseph Ippolito, MD, PhD</b> Washington University School of Medicine
7:40 AM - 7:50 AM	Single Domain Antibody Fragments as an Imaging and Delivery Platform Hidde Ploegh, PhD Whitehead Institute for Biomedical Research
7:50 AM - 8:10 AM	Discussion First Question: Robert Den, MD
8:10 AM - 8:20 AM	Molecular Profiling of Glycosylation in the Tumor Microenvironment in FFPE Prostate Cancer Tissues by MALDI Mass Spectrometry Imaging Richard Drake, PhD Medical University of South Carolina
8:20 AM - 8:40 AM	Discussion First Question: Joshi Alumkal, MD



## Sunday, June 26, 2016

8:40 AM - 8:50 AM	Targeted and Functional Imaging of Prostate Cancer: Localized to Metastatic Disease Baris Turkbey, MD National Cancer Institute
8:50 AM - 9:10 AM	Discussion First Question: Rohit Bose, MD, PhD
9:10 AM - 9:20 AM	Hyperpolarized MR – Potential for Measuring Metabolism and Microenvironment in Metastatic Prostate Cancer John Kurhanewicz, PhD University of California, San Francisco
9:20 AM - 9:40 AM	Discussion First Question: Howard Scher, MD

#### 9:40 AM - 10:40 AM

<u>Session XI:</u> <u>Big Ideas Part 2: Presenting Challenge Posters</u>

> Moderator: Sameek Roychowdhury, MD, PhD The Ohio State University

Session XII: Closing Remarks

10:40 AM - 11:00 AM

**Meeting Debrief Kenneth Pienta, MD** Johns Hopkins University

Howard Soule, PhD Prostate Cancer Foundation

#### Departures - Boxed Lunches Provided