

*2015 Coffey - Holden
Prostate Cancer Academy Meeting*

**Multidisciplinary Intervention of Early,
Lethal Metastatic Prostate Cancer**

*June 25-28, 2015
Estancia Hotel
La Jolla, CA*

Program Organizing Committee:

Joshua Lang, MD, Chair (University of Wisconsin Carbone Comprehensive Cancer Center)

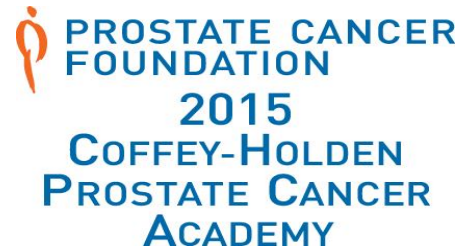
Robert Den, MD (Thomas Jefferson University)

Isla Garraway, MD, PhD (University of California, Los Angeles)

Tamara Lotan, MD (Johns Hopkins Medical Institutions)

Ashley Ross, MD, PhD (Johns Hopkins University)

Tanya Stoyanova, PhD (University of California, Los Angeles)



Estancia Hotel
9700 N. Torrey Pines Road
La Jolla, CA 92037

Thursday, June 25, 2015

THURSDAY, JUNE 25, 2015

3:00 PM - 5:00 PM	Registration	<i>Pacifica Pre Function A</i>
5:00 PM - 6:00 PM	Welcome Reception	<i>Caretakers Lawn</i>
6:00 PM - 7:15 PM	Welcome Dinner	<i>Grande Room</i>
7:15 PM - 7:30 PM	Move to Session I	<i>Pacifica Ballroom</i>

Session I: Introduction

Location: *Pacifica Ballroom*

7:30 PM - 7:35 PM	Welcome and Opening Remarks Stuart Holden, MD Prostate Cancer Foundation; University of California, Los Angeles
7:35 PM - 8:35 PM	Surgery and the High Risk Patient Patrick Walsh, MD Johns Hopkins Hospital

Friday, June 26, 2015

FRIDAY, JUNE 26, 2015

6:30 AM	Registration	<i>Pacifica Pre Function A</i>
6:45 AM - 7:45 AM	Breakfast	<i>Hacienda Lawn</i>
7:45 AM - 8:00 AM	Move to Session II	<i>Pacifica Ballroom</i>

Friday, June 26, 2015

Session II: Charge to Participants: The Big Questions

Location: *Pacifica Ballroom*

8:00 AM - 8:30 AM

The Big Questions
Kenneth Pienta, MD
Johns Hopkins University

Session III: Evaluating and Targeting the Microenvironment in the Primary Tumor

Location: *Pacifica Ballroom*

Session Chair:

Robert Den, MD
Thomas Jefferson University

8:30 AM - 8:40 AM

Introduction to Session
Robert Den, MD
Thomas Jefferson University

8:40 AM - 8:50 AM

**Enabling Functional and Mechanistic Insights in the Tumor
Microenvironment**
David Beebe, PhD
University of Wisconsin- Madison

8:50 AM - 9:10 AM

Discussion
First Question: Daniel Thorek, PhD

9:10 AM - 9:20 AM

Hormonal Cross-Talk in the Prostate Tumor Microenvironment
Elahe Mostaghel, MD, PhD
Fred Hutchinson Cancer Research Center

9:20 AM - 9:40 AM

Discussion
First Question: Haydn Kissick, PhD

9:40 AM - 9:50 AM

The Hypoxia Driver-Phenotype in Prostate Cancer
Michael Milosevic, MD
Princess Margaret Cancer Centre

9:50 AM - 10:10 AM

Discussion
First Question: Tamara Lotan, MD

10:10 AM - 10:20 AM

**Effects of Cancer Therapeutics on the Tumor Microenvironment: Are
We Fertilizing the Soil?**
Peter Nelson, MD
Fred Hutchinson Cancer Research Center

10:20 AM - 10:40 AM

Discussion
First Question: Eliezer Van Allen, MD

Friday, June 26, 2015

10:40 AM - 10:50 AM	Break	
10:50 AM - 11:00 AM	Prostate Cancer Immunotherapy Lawrence Fong, MD University of California, San Francisco	
11:00 AM - 11:20 AM	Discussion First Question: Anna Wu, PhD	
11:20 AM - 11:30 AM	Tumor Stroma Evolution: RUNX1 as a Potential Therapeutic Target David Rowley, PhD Baylor College of Medicine	
11:30 AM - 11:50 AM	Discussion First Question: Joshua Lang, MD	
11:50 AM - 12:00 PM	High-Content Single Cell Analysis to Understand Happenings in the Microenvironment Peter Kuhn, PhD University of Southern California	
12:00 PM - 12:20 PM	Discussion First Question: Felix Feng, MD	
12:20 PM - 1:20 PM	Lunch	<i>Caretakers Lawn</i>
1:20 PM - 1:30 PM	Move to Session IV	

Session IV: Advancing Biomarkers for Clinical IntegrationLocation: *Pacifica Ballroom*

Session Chair:	Tamara Lotan, MD Johns Hopkins Medical Institutions	
1:30 PM - 1:40 PM	Introduction to Session Tamara Lotan, MD Johns Hopkins Medical Institutions	
1:40 PM - 1:50 PM	Evolving Tissue-Based RNA Expression Assays to Improve Prostate Cancer Prognosis and Decision Making Matthew Cooperberg, MD University of California, San Francisco	
1:50 PM - 2:10 PM	Discussion First Question: Glenn Liu, MD	

Friday, June 26, 2015

2:10 PM - 2:25 PM	Tissue and Blood Based Genomic Characterization of Early Lethal Prostate Cancer Scott Tomlins, MD, PhD University of Michigan
2:25 PM - 2:45 PM	Discussion First Question: Eleni Efstathiou, MD, PhD
2:45 PM - 2:55 PM	Androgen Receptor Variant Function in Prostate Cancer Scott Dehm, PhD University of Minnesota
2:55 PM - 3:15 PM	Discussion First Question: Amina Zoubeidi, PhD
3:15 PM - 3:50 PM	Break
3:50 PM - 4:00 PM	Identifying and Treating Patients with Residual Disease – The Challenges Colm Morrissey, PhD University of Washington
4:00 PM - 4:20 PM	Discussion First Question: William Dahut, MD
4:20 PM - 4:30 PM	Role of ETS Transcription Factors in Prostate Cancer Lineage Specification Yu Chen, MD, PhD Memorial Sloan-Kettering Cancer Center
4:30 PM - 4:50 PM	Discussion First Question: Philip Kantoff, MD
4:50 PM - 5:00 PM	Digital Image Analysis for Quantification of Tissue-Based Biomarkers Beatrice Knudsen, MD, PhD Cedars-Sinai Medical Center
5:00 PM - 5:20 PM	Discussion First Question: Brett Carver, MD
5:20 PM – 6:20 PM	Dinner <i>Grande Room</i>
6:20 PM – 6:30 PM	Move to Session V

Friday, June 26, 2015

Session V: Cellular and Molecular Mechanisms of Tumorigenesis

Location: *Pacifica Ballroom*

Session Chair:	Tanya Stoyanova, PhD University of California, Los Angeles
6:30 PM - 6:40 PM	Introduction to Session Tanya Stoyanova, PhD University of California, Los Angeles
6:40 PM - 6:50 PM	Basal Cell Gene Expression Profiles Linked to Aggressive Prostate Cancer Subtypes Dean Tang, MD, PhD The University of Texas MD Anderson Cancer Center
6:50 PM - 7:10 PM	Discussion First Question: Nima Sharifi, MD
7:10 PM - 7:20 PM	Molecular Characterization of Clonal Gleason Pattern 3 and 4 Prostate Cancers Steven Balk, MD, PhD Beth Israel Deaconess Medical Center
7:20 PM - 7:40 PM	Discussion First Question: Ganesh Raj, MD, PhD
7:40 PM - 7:50 PM	Identifying Actionable Drivers in Prostate Cancer through Integrative Genomic Profiling of GEM Models and Human Prostate Cancers Brett Carver, MD Memorial Sloan-Kettering Cancer Center
7:50 PM - 8:10 PM	Discussion First Question: Emmanuel Antonarakis, MD
8:10 PM - 8:20 PM	Computational Systems Biology Approaches to Identify Transcriptional Drivers of Aggressive Prostate Cancer Antonina Mitrofanova, PhD Columbia University Medical Center
8:20 PM - 8:40 PM	Discussion First Question: Alexander Wyatt, PhD

Saturday, June 27, 2015**SATURDAY, JUNE 27, 2015**

6:45 AM - 7:45 AM	Breakfast	<i>Hacienda Lawn</i>
7:45 AM - 8:00 AM	Move to Session VI	<i>Pacifica Ballroom</i>

Session VI: The Next Generation of Clinical ResearchLocation: *Pacifica Ballroom*

Session Chair:	Joshua Lang, MD University of Wisconsin Carbone Comprehensive Cancer Center
8:00 AM - 8:10 AM	Introduction to Session Joshua Lang, MD University of Wisconsin Carbone Comprehensive Cancer Center
8:10 AM - 8:20 AM	Redefining Clinical States for Clinical Trials-Incorporating Molecular Imaging into Prostate Cancer Trials Steve Cho, MD University of Wisconsin
8:20 AM - 8:40 AM	Discussion First Question: Isla Garraway, MD
8:40 AM - 8:50 AM	Sooner Rather than Later: The Rationale for Early, Aggressive Therapy Michael Schweizer, MD University of Washington
8:50 AM - 9:10 AM	Discussion First Question: Ashley Ross, MD, PhD
9:10 AM - 9:20 AM	Androgen Annihilation in the Neoadjuvant Setting Rana McKay, MD Dana-Farber Cancer Institute
9:20 AM - 9:40 AM	Discussion First Question: Colin Pritchard, MD, PhD
9:40 AM - 9:50 AM	Towards a Cellular Delivery Platform for Prostate Cancer Therapy Oren Levy, PhD Brigham and Women's Hospital, Harvard Medical School
9:50 AM - 10:10 AM	Discussion First Question: Jennifer Bishop, PhD

Saturday, June 27, 2015

10:10 AM - 10:20 AM	Break	
10:20 AM - 10:30 AM	Targeting the Metastatic Niche Kenneth Pienta, MD Johns Hopkins University	
10:30 AM - 10:50 AM	Discussion First Question: Mary-Ellen Taplin, MD	
10:50 AM - 11:00 AM	Immunotherapy and Radiation in Prostate Cancer Charles Drake, MD, PhD Johns Hopkins University	
11:00 AM - 11:20 AM	Discussion First Question: John Isaacs, PhD	
11:20 AM - 11:30 AM	Prioritizing Multimodality Approaches by Changing the Paradigm from Palliation to Cure Howard Scher, MD Memorial Sloan-Kettering Cancer Center	
11:30 AM - 11:50 AM	Discussion First Question: Scott Tomlins, MD, PhD	
11:50 AM	Group Pictures	<i>Hacienda Lawn</i>
12:00 PM – 1:30 PM	Lunch	<i>Olive Lawn</i>
1:15 PM – 2:15 PM	Personal Training Session <i>(RSVP required, limited availability)</i> <i>Lunch available immediately following training session</i>	<i>Hacienda Lawn</i>
	<i>Free Afternoon</i>	
5:45 PM – 6:45 PM	Dinner	<i>Grande Room</i>
6:45 PM – 7:00 PM	Move to Session VII	<i>Pacifica Ballroom</i>

Saturday, June 27, 2015

Session VII: Plenary Session: Molecular Imaging and the High Risk Patient

Location: *Pacifica Ballroom*

Session Chair:	Joshua Lang, MD University of Wisconsin Carbone Comprehensive Cancer Center
7:00 PM - 7:10 PM	Introduction to Session Joshua Lang, MD University of Wisconsin Carbone Comprehensive Cancer Center
7:10 PM - 7:20 PM	Multi-Parametric Image Analysis Peter Pinto, MD National Cancer Institute, National Institutes of Health
7:20 PM - 7:40 PM	Discussion First Question: Ana Aparicio, MD
7:40 PM - 7:50 PM	Molecular Imaging: Whole Body MRI Detection for Burden of Disease Nina Tunariu, MD The Royal Marsden NHS Foundation Trust
7:50 PM - 8:10 PM	Discussion First Question: Scott Dehm, PhD
8:10 PM - 8:20 PM	Molecular Imaging: PET Assessment of Disease Burden Robert Jeraj, PhD University of Wisconsin
8:20 PM - 8:40 PM	Discussion First Question: Ganesh Palapattu, MD
8:40 PM - 8:50 PM	Novel Tracers in High Risk Prostate Cancer Anna Wu, PhD University of California, Los Angeles
8:50 PM - 9:10 PM	Discussion First Question: Tanya Stoyanova, PhD

Sunday, June 28, 2015

SUNDAY, JUNE 28, 2015

6:00 AM - 6:45 AM	Breakfast	<i>Hacienda Lawn</i>
6:45 AM - 7:00 AM	Move to Session VIII	<i>Pacifica Ballroom</i>

Session VIII: Targeting the Primary Tumor in Advanced DiseaseLocation: *Pacifica Ballroom*

Session Chair:	Isla Garraway, MD, PhD University of California, Los Angeles
7:00 AM - 7:10 AM	Introduction to Session Isla Garraway, MD, PhD University of California, Los Angeles
7:10 AM - 7:20 AM	Lessons Learned from Renal Cell Carcinoma Christopher Wood, MD The University of Texas MD Anderson Cancer Center
7:20 AM - 7:40 AM	Discussion First Question: Robert Den, MD
7:40 AM - 7:50 AM	Treatment of the Primary Tumor in Advanced/Metastatic Disease Brian Chapin, MD The University of Texas MD Anderson Cancer Center
7:50 AM - 8:10 AM	Discussion First Question: Christopher Barbieri, MD, PhD
8:10 AM - 8:20 AM	To See the Forest Before the Trees: The Value of Population-Based Studies in Examining Treatment of the Primary Tumor in Metastatic Prostate Cancer Stephen Culp, MD, PhD University of Virginia Health System
8:20 AM - 8:40 AM	Discussion First Question: David Ulmert, MD, PhD

Sunday, June 28, 2015

8:40 AM - 8:50 AM	STAMPEDE and TRoMbone: UK Clinical Trials Investigating Managing the Primary Tumor in Metastatic Prostate Cancer Prasanna Sooriakumaran, MD, PhD University of Oxford
8:50 AM - 9:10 AM	Discussion First Question: Adam Dicker, MD, PhD
9:10 AM - 9:20 AM	Break

Session IX: Instituting Multi-Modal Care of the Oligometastatic and High Risk Patient

Location: *Pacifica Ballroom*

Session Chair:	Ashley Ross, MD, PhD Johns Hopkins University
9:20 AM - 9:30 AM	Introduction to Session Ashley Ross, MD, PhD Johns Hopkins University
9:30 AM - 9:40 AM	Metastasis Directed Therapy – The Surgeon’s Perspective R. Jeffrey Karnes, MD, PhD Mayo Clinic
9:40 AM - 10:00 AM	Discussion First Question: Jiaoti Huang, MD, PhD
10:00 AM - 10:10 AM	Metastasis Directed Therapy – The Radiation Oncologist’s Perspective Phuoc Tran, MD, PhD Johns Hopkins University School of Medicine
10:10 AM - 10:30 AM	Discussion First Question: James Brooks, MD
10:30 AM - 10:40 AM	An Academic Center’s Approach to the High Risk Patient Edward Schaeffer, MD, PhD The Johns Hopkins University School of Medicine
10:40 AM - 11:00 AM	Discussion First Question: Antonina Mitrofanova, PhD

Sunday, June 28, 2015

- 11:00 AM - 11:10 AM **Perspectives Regarding Management of High Risk and Oligo-Metastatic Patients**
Ashley Ross, MD, PhD
Johns Hopkins University
- 11:10 AM - 11:30 AM Discussion
First Question: Sumit Subudhi, MD, PhD

Session X: Meeting Debrief

Location: *Pacifica Ballroom*

- 11:30 AM - 11:45 AM **Meeting Debrief**
Kenneth Pienta, MD
Johns Hopkins University
- Howard Soule, PhD**
Prostate Cancer Foundation

Departures - *Boxed Lunches Provided*