



Prostate Cancer
Foundation
Curing Together.

10th Annual
COFFEY-HOLDEN
PROSTATE CANCER
ACADEMY

***2023 Coffey-Holden
Prostate Cancer Academy Meeting***

***Disrupting Prostate Cancer Research:
Challenge Accepted***

***June 22 - 25, 2023
University of California, Los Angeles
Luskin Conference Center
Los Angeles, CA***

Program Organizing Committee:

Sophia Kamran, MD, Committee Chair (Massachusetts General Hospital)
Tamara Jamaspishvili, MD, PhD (SUNY Upstate Medical University)
Catherine Marshall, MD, MPH (Johns Hopkins University)
Kara Maxwell, MD, PhD (University of Pennsylvania; Corporal Michael J. Crescenz VA Medical Center)
Abhijit Parolia, PhD (University of Michigan)
Nicholas Zorko, MD, PhD (University of Minnesota)

Andrea Miyahira, PhD (Prostate Cancer Foundation)
Kenneth Pienta, MD (Johns Hopkins University)
Howard Soule, PhD (Prostate Cancer Foundation)



THURSDAY, JUNE 22, 2023

3:00 PM – 5:00 PM	Registration	Centennial Foyer
5:00 PM – 6:00 PM	Welcome Reception	Centennial Terrace
6:00 PM – 7:15 PM	Welcome Dinner	Centennial Terrace
7:15PM – 7:30 PM	Move to Session	Centennial A&B

Introduction

7:30 PM – 7:40 PM	Welcome and Opening Remarks	Centennial A&B
-------------------	------------------------------------	---------------------------

Session I: Distinguished Lecture

7:40 PM – 8:40 PM	Targeting Transcription Factor Neo-Enhancesomes in Cancer Arul Chinnaiyan, MD, PhD University of Michigan	
8:40 PM – 9:00 PM	Discussion First Question: Sarah Amend, PhD	

FRIDAY, JUNE 23, 2023

6:15 AM	Registration	Centennial Foyer
6:30 AM – 7:15 AM	Breakfast	Plateia A
7:15 AM – 7:30 AM	Move to Session	Centennial A&B

Session II: The Big Questions

7:30 AM – 8:00 AM	The Big Questions Kenneth Pienta, MD Johns Hopkins University	
-------------------	--	--

Friday, June 23, 2023

Session III: Reducing Prostate Cancer Morbidity and Mortality with Genetics

Session Chair:	Kara Maxwell, MD, PhD University of Pennsylvania; Corporal Michael J. Crescenzo VA Medical Center
8:00 AM – 8:10 AM	How Genetics Improved Ovarian Cancer Survival: Can it be Replicated in Prostate Cancer? Beth Karlan, MD University of California, Los Angeles
8:10 AM – 8:30 AM	Discussion First Question: Leigh Ellis, PhD
8:30 AM – 8:40 AM	The Utility of PRS for Reducing Prostate Cancer Morbidity and Mortality Tyler Seibert, MD, PhD University of California, San Diego
8:40 AM – 9:00 AM	Discussion First Question: Angelo de Marzo, MD, PhD
9:00 AM – 9:10 AM	The Utility of Rare Genetic Variants for Reducing Prostate Cancer Morbidity and Mortality Kathleen Cooney, MD Duke University
9:10 AM – 9:30 AM	Discussion First Question: Huihui Ye, MD
9:30 AM – 9:40 AM	Are There Ancestry Based Genetic Differences in Prostate Cancer Risk? Burcu Darst, PhD University of Washington; Fred Hutchinson Cancer Center
9:40 AM – 10:00 AM	Discussion First Question: Marina Sharifi, MD, PhD
10:00 AM – 10:15 AM	Break



Friday, June 23, 2023

10:15 AM – 10:25 AM	Prostate Cancer Genetics Care Delivery - What's the Best Way to Test the Right Patients? Veda Giri, MD Yale University	
10:25 AM – 10:45 AM	Discussion First Question: George Butler, PhD	
10:45 AM – 10:55 AM	Implementation of Genetics-Directed Prostate Cancer Screening - PRS Jason Vassy, MD, SM, MPH Brigham and Women's Hospital; Harvard Medical School; VA Boston Healthcare System	
10:55 AM – 11:15 AM	Discussion First Question: Abhijit Parolia, PhD	
11:15 AM – 11:25 AM	Implementation of Genetics-Directed Prostate Cancer Screening - Rare Variants Heather Cheng, MD, PhD University of Washington; Fred Hutchinson Cancer Center	
11:25 AM – 11:45 AM	Discussion First Question: Ana Aparicio, MD	
11:45 AM – 12:45 PM	Lunch	Plateia A
12:45 PM – 1:00 PM	Move to Session IV	Centennial A&B

Session IV: Opportunities for Radiation to Enhance Therapeutic Benefit in Oligometastatic Prostate Cancer

Session Chair: **Sophia Kamran, MD**
Massachusetts General Hospital

1:00 PM – 1:10 PM	The Space-Time Continuum in Metastatic Castration-Sensitive Prostate Cancer: The Final Frontier? Phuoc Tran, MD, PhD University of Maryland
1:10 PM – 1:30 PM	Discussion First Question: Beatrice Knudsen, MD, PhD



Friday, June 23, 2023

1:30 PM – 1:40 PM	Immune Effects of Ionizing Radiation Silvia Formenti, MD Weill Cornell Medicine
1:40 PM – 2:00 PM	Discussion First Question: Janelle Maynard, PhD
2:00 PM – 2:10 PM	Cell-Free DNA Epigenomics to Risk-Stratify Metastatic Prostate Cancer Aadel Chaudhuri, MD, PhD Washington University in St. Louis
2:10 PM – 2:30 PM	Discussion First Question: Alexandra Sokolova, MD
2:30 PM – 2:40 PM	Radiation Biology for Prostate Cancer: The Knowns and the Unknowns Henning Willers, MD Massachusetts General Hospital; Harvard University
2:40 PM – 3:00 PM	Discussion First Question: Ping Mu, PhD
3:00 PM – 3:15 PM	Break
3:15 PM – 3:25 PM	Multi-Modal Applications of Artificial Intelligence in Oligometastatic Prostate Cancer Julian Hong, MD University of California, San Francisco
3:25 PM – 3:45 PM	Discussion First Question: Howard Scher, MD
3:45 PM – 3:55 PM	Metastasis Directed Therapy in Metachronous Oligometastatic Prostate Cancer: Current Perspectives and Future Directions Matthew Deek, MD Rutgers University
3:55 PM – 4:15 PM	Discussion First Question: Tamara Jamaspishvili, MD, PhD

Friday, June 23, 2023

Session V: Non-T cell Immune Therapies

Session Chair:	Nicholas Zorko, MD, PhD University of Minnesota
4:15 PM – 4:25 PM	Cellular Immunotherapy for Prostate Cancer Saul Priceman, PhD City of Hope
4:25 PM – 4:45 PM	Discussion First Question: Tamara Lotan, MD
4:45 PM – 4:55 PM	MHC the Neglected Tumor Suppressor Marcin Cieslik, PhD University of Michigan
4:55 PM – 5:15 PM	Discussion First Question: Michael Freeman, PhD
5:15 PM – 5:25 PM	Engineering NK Cells for Enhanced Solid Tumor Immunotherapy Rizwan Romee, MD Dana-Farber Cancer Institute
5:25 PM – 5:45 PM	Discussion First Question: Leanne Woods-Burnham, PhD
5:45 PM – 6:45 PM	Dinner Centennial C&D
6:45 PM – 7:00 PM	Move to Session V Centennial A&B
7:00 PM – 7:10 PM	The Promise of B Cell Medicines for Local Protein Delivery: Regulation, and/or Eradication Richard James, PhD Seattle Children's Research Institute
7:10 PM – 7:30 PM	Discussion First Question: Rong Rong Huang, MD



Friday, June 23, 2023

7:30 PM – 7:40 PM	<p>The Role of the Gut Microbiome in Anti-Tumor Immunity and Prostate Cancer Treatment Response Karen Sfanos, PhD Johns Hopkins University</p>
7:40 PM – 8:00 PM	<p>Discussion First Question: Julian Hong, MD</p>
8:00 PM – 8:10 PM	<p>Activating the NLRP3 Inflammasome to Treat Advanced Prostate Cancer Akash Patnaik, MD, PhD University of Chicago</p>
8:10 PM – 8:30 PM	<p>Discussion First Question: Sophia Kamran, MD</p>

SATURDAY, JUNE 24, 2023

6:30 AM – 7:00 AM	Breakfast	Plateia A
7:00 AM – 7:10 AM	Move to Session VII	Centennial A&B

Session VII: AR as a Pro-Differentiation and Oncogenic Transcription Factor

Session Chair:	<p>Abhijit Parolia, PhD University of Michigan</p>
7:10 AM – 7:20 AM	<p>Lessons Learned Studying the Cancer-Specific AR Cistrome Mark Pomerantz, MD Dana-Farber Cancer Institute</p>
7:20 AM – 7:40 AM	<p>Discussion First question: Ekta Khurana, PhD</p>
7:40 AM – 7:50 AM	<p>Evolution and Plasticity of the Androgen Receptor in Prostate Cancer Scott Dehm, PhD University of Minnesota</p>
7:50 AM – 8:10 AM	<p>Discussion First question: Catherine Marshall, MD, MPH</p>



Saturday, June 24, 2023

8:10 AM – 8:20 AM	Bipolar Androgen Therapy: Differentiation Therapy for Advanced Prostate Cancer? Laura A. Sena, MD, PhD John Hopkins University
8:20 AM – 8:40 AM	Discussion First question: Felix Feng, MD
8:40 AM – 8:50 AM	Defining the role of the AR-PRAC1 interaction in CRPC Michael Haffner, MD, PhD Fred Hutchinson Cancer Center
8:50 AM – 9:10 AM	Discussion First Question: Jelani Zarif, PhD
9:10 AM – 9:30 AM	Break
9:30 AM – 9:40 AM	Targeting Androgen Receptor Functional Dependencies in Prostate Cancer Kerry Burnstein, PhD University of Miami
9:40 AM – 10:00 AM	Discussion First Question: Burcu Darst, PhD
10:00 AM – 10:10 AM	The Non-Canonical AR Cistrome of Lethal Prostate Cancer Remi Adelaiye-Ogala, PhD University at Buffalo
10:10 AM – 10:30 AM	Discussion First Question: Franklin Huang, MD

Section IX: Why We Only Cure a Few with ADT and How to Change Dogma to Cure Metastatic Prostate Cancer without Castration?

Session Chair: **Catherine Marshall, MD, MPH**
Johns Hopkins University

10:30 AM – 10:40 AM **Extreme Responders to Treatment Across Cancers**
[David Solit, MD](#)

Memorial Sloan Kettering Cancer Center

10:40 AM – 11:00 AM Discussion
First Question: Salma Kaochar, PhD



Saturday, June 24, 2023

11:00 AM – 11:10 AM	Mechanisms of Response to Neoadjuvant Androgen Pathway Inhibition in Prostate Cancer Alok Tewari, MD, PhD Dana-Farber Cancer Institute	
11:10 AM – 11:30 AM	Discussion First Question: Jun Gong, MD	
11:30 AM – 12:00 PM	Group Pictures	
12:00 PM – 1:00 PM	Lunch	Plateia A
	Free Afternoon	
1:15 PM – 2:15 PM	Personal Training Session <i>(RSVP required, limited availability)</i> <i>Lunch available immediately following training session</i>	
5:00 PM – 5:45 PM	Dinner	Centennial C&D
5:45 PM – 6:00 PM	Move to Session IX	Centennial A&B

Section IX: Why We Only Cure a Few with ADT and How to Change Dogma to Cure Metastatic Prostate Cancer without Castration?

Session Chair: Catherine Marshall, MD, MPH
Johns Hopkins University

6:00 PM – 6:10 PM	MYC Targeting and Pharmacology to Treat Prostate Cancer Sarki Abdulkadir, MD, PhD Northwestern University
6:10 PM – 6:30 PM	Discussion First Question: Himisha Beltran, MD



Saturday, June 24, 2023

6:30 PM – 6:40 PM	The Immune Microenvironment’s Role in Curing Prostate Cancer Asmaa El-Kenawi, PhD Moffitt Cancer Center
6:40 PM – 7:00 PM	Discussion First Question: Roni Haas, PhD
7:00 PM – 7:10 PM	Exploiting Prostate Cancer Metabolism for Cure Massimo Loda, MD Weill Cornell Medicine
7:10 PM – 7:30 PM	Discussion First Question: Kara Maxwell, MD, PhD
7:30 PM – 7:40 PM	Treating Prostate Cancer with Therapeutic Vaccines Doug McNeel, MD, PhD University of Wisconsin
7:40 PM – 8:00 PM	Discussion First Question: Alok Tewari, MD, PhD

SUNDAY, JUNE 25, 2023

6:30 AM – 7:20 AM	Breakfast	Plateia A
7:20 AM – 7:30 AM	Move to Session X	Centennial A&B

Session X: New Era of AI-Driven Precision Medicine: Where Are We Now?

Session Chair: **Tamara Jamaspishvili, MD, PhD**
SUNY Upstate Medical University

7:30 AM – 7:40 AM	The Future of Pathology in an AI-driven World: From Foundation Models to Ultra-Personalized Cancer Care Thomas Fuchs, DrSc Icahn School of Medicine at Mount Sinai
7:40 AM – 8:00 AM	Discussion First Question: Sumit Subudhi, MD, PhD



Sunday, June 25, 2023

8:00 AM – 8:10 AM	Populations Specific AI to Address Health Disparities in Prostate Cancer with Multi-Modal Data Rakesh Shiradkar, PhD Emory University Discussion First Question: Tanya Stoyanova, PhD
8:10 AM – 8:30 AM	
8:30 AM – 8:40 AM	Mixed Supervision for Biologically-Informed Pathology AI in Advanced Prostate Cancer Stephanie Harmon, PhD National Cancer Institute Discussion First Question: Kirstin Zettlitz, PhD
8:40 AM – 9:00 AM	
9:00 AM – 9:10 AM	AI, Pathomics and Tumor Infiltrating Lymphocytes Joel Saltz, MD, PhD Stony Brook Medicine Discussion First Question: Laura Sena, MD, PhD
9:10 AM – 9:30 AM	
9:30 AM – 9:45 AM	Break
9:45 AM – 9:55 AM	
9:55 AM – 10:15 AM	Multimodal Data Integration (Ultrasound, MRI, Pathology) for Improved Detection of Clinically Significant Prostate Cancer on Radiology Images Mirabela Rusu, PhD Stanford University Discussion First Question: Nicholas Zorko, MD, PhD
10:15 AM – 10:25 AM	
10:25 AM – 10:45 AM	Building and Using Multimodal Atlases: How Unsupervised AI Could Help Reducing Observer Variability Hamid Tizhoosh, PhD Mayo Clinic Discussion First Question: Amina Zoubeidi, PhD



Prostate Cancer
Foundation
Curing Together.

10th Annual
COFFEY-HOLDEN
PROSTATE CANCER
ACADEMY

Sunday, June 25, 2023

10:45 AM – 10:55 AM **Can We Improve on 19th-Century Microscopes and 20th-Century Pathologists?**
Richard Levenson, MD
University of California, Davis

10:55 AM – 11:05 AM Discussion
First Question: Andrew Goldstein, PhD

Session XI: Closing Remarks

11:05 AM – 11:15 AM **Meeting Debrief**
Kenneth Pienta, MD
Johns Hopkins University
Howard Soule, PhD
Prostate Cancer Foundation

11:15 AM **Departures – *Boxed Lunches Provided*** Centennial Foyer