

***2022 Coffey-Holden
Prostate Cancer Academy Meeting***

***Exploring New Frontiers in
Prostate Cancer Research***

***June 23 - 26, 2022
University of California, Los Angeles
Luskin Conference Center
Los Angeles, CA***

Program Organizing Committee:

Jessica Hawley, MD, MS, Committee Chair (University of Washington; Fred Hutchinson Cancer Research Center)
Remi Adelaiye-Ogala, PhD (University at Buffalo)
Jeremie Calais, MD, MSc (University of California, Los Angeles)
Lucia Nappi, MD, PhD (University of British Columbia)
Ravi Parikh, MD, MPP (University of Pennsylvania; Corporal Michael J. Crescenz VA Medical Center)
Tyler Seibert, MD, PhD (University of California, San Diego)
Elizabeth Wasmuth, PhD (Memorial Sloan Kettering Cancer Center)
Xiao Wei, MD (Dana-Farber Cancer Institute)

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

THURSDAY, JUNE 23, 2022

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 I	Centennial A&B

Session I: Introduction

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

7:40 PM – 8:40 PM	Reflections on AR Targeting Charles Sawyers, MD Memorial Sloan Kettering Cancer Center
8:40 PM – 9:00 PM	Discussion First Question: Jelani Zarif, PhD

FRIDAY, JUNE 24, 2022

6:00 AM – 7:00 AM	Breakfast	Centennial Terrace
6:15 AM	Registration	Centennial Foyer
7:00 AM – 7:10 AM	Move to Session II	Centennial A&B

Session II: The Big Questions

7:10 AM – 7:40 AM	The Big Questions Kenneth Pienta, MD Johns Hopkins University
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Friday, June 24, 2022

Session III: Unveiling Genetic and Non-Genetic Molecular Features in Homologous Recombination

Deficient Prostate Cancer

Session Chair:

Lucia Nappi, MD, PhD
University of British Columbia

7:40 AM – 7:50 AM	Genetics and Non-Genetic Factors Affecting Epidemiology of Cancer in Under-Represented Populations Victoria Cortessis, PhD University of Southern California
7:50 AM – 8:10 AM	Discussion First Question: Di Zhao, PhD
8:10 AM – 8:20 AM	Genetic Mechanisms Underlying Mismatch DNA Repair Deficiency in African American Patients with Prostate Cancer Kara Maxwell, MD, PhD University of Pennsylvania
8:20 AM – 8:40 AM	Discussion First Question: Saul Priceman, PhD
8:40 AM – 8:50 AM	Novel Approaches to Identify HR Defects in Patients with Prostate Cancer Navonil De Sarkar, PhD University of Washington; Fred Hutchinson Cancer Research Center
8:50 AM – 9:10 AM	Discussion First Question: William Dahut, MD
9:10 AM – 9:20 AM	Single-Cell Analysis to Identify Prostate Cancer Heterogeneity and Possible New Therapeutic Targets Franklin Huang, MD, PhD University of California, San Francisco
9:20 AM – 9:40 AM	Discussion First Question: Nickolas Nickols MD, PhD
9:40 AM – 10:00 AM	Break

Friday, June 24, 2022

Session IV: Tackling the Big Questions in Immunotherapy

Session Chair: **Xiao Wei, MD**
Dana-Farber Cancer Institute

10:00 AM – 10:10 AM	Immunosuppressive Myeloid Cells in the Prostate Tumor Microenvironment: A Therapeutic Target?	
	David Sykes, MD, PhD Harvard University; Massachusetts General Hospital	
10:10 AM – 10:30 AM	Discussion First Question: Gavin Ha, PhD	
10:30 AM – 10:40 AM	Image-Guided Prostate Cancer Immunotherapy with Biomaterial Drones	
	Wilfred Ngwa, MS, PhD Johns Hopkins University	
10:40 AM – 11:00 AM	Discussion First Question: Christina Dieli-Conwright, PhD, MPH	
11:00 AM – 11:10 AM	Unbiased CRISPR Screens in Human T Cells Uncover Genes that Regulate Resistance to Immune Suppression and Boost Long-Term Effector Function	
	Julia Carnevale, MD University of California, San Francisco	
11:10 AM – 11:30 AM	Discussion First Question: Adam Sowalsky, PhD	
11:30 AM – 12:30 PM	Lunch	Plateia A
12:30 PM – 12:45 PM	Move to Session IV	Centennial A&B
12:45 PM – 12:55 PM	Lessons from Tumor-Intrinsic Resistance to Immunotherapy in Melanoma	
	Anusha Kalbasi, MD University of California, Los Angeles	
12:55 PM – 1:15 PM	Discussion First Question: David Einstein, MD	

Friday, June 24, 2022

1:15 PM – 1:25 PM **Should We “Adopt” Adoptive Immunotherapy?**

[Susan Slovin, MD, PhD](#)

Memorial Sloan Kettering Cancer Center

1:25 PM – 1:45 PM

Discussion

First Question: David Quigley, PhD

1:45 PM – 2:00 PM

Break

Session V: The Impact of Social Determinants on Biology

Session Chair:

Jessica Hawley, MD, MS

University of Washington; Fred Hutchinson Cancer Research Center

2:00 PM – 2:10 PM

Bridging the Gap between Biologic, Individual, and Macroenvironmental Factors

[Timothy Rebbeck, PhD](#)

Harvard University

2:10 PM – 2:30 PM

Discussion

First Question: Amy Moran, PhD

2:30 PM – 2:40 PM

Immunobiological Factors that Contribute to Prostate Cancer Disparities in Racial / Ethnic Minorities

[Janielle Maynard, PhD](#)

Johns Hopkins University

2:40 PM – 3:00 PM

Discussion

First Question: Tyler Seibert, MD, PhD

3:00 PM – 3:10 PM

Disparities in Prostate Cancer Survival According to Neighborhood Archetype

[Salma Shariff-Marco, PhD, MPH](#)

University of California, San Francisco

3:10 PM – 3:30 PM

Discussion

First Question: Dolores Di Vizio, MD, PhD

3:30 PM – 3:40 PM

A Patient-Centered Approach to Understanding Social, Environmental, and Racial Inequities in Prostate Cancer

[Yaw Nyame, MD, MS, MBA](#)

University of Washington; Fred Hutchinson Cancer Research Center

3:40 PM – 4:00 PM

Discussion

First Question: Lisa Chesner, PhD

Friday, June 24, 2022

4:00 PM – 5:00 PM	Break	
5:00 PM – 6:15 PM	Dinner	Centennial Terrace
6:15 PM – 6:30 PM	Move to Session VI	Centennial A&B

Session VI: Evolution and Diversity of Prostate Cancer Treatments

Session Chair:	Remi Adelaiye-Ogala, PhD University at Buffalo
6:30 PM – 6:40 PM	Mitochondrial Regulation of Macrophage-Tumor Cell Metabolic Interactions in Prostate Cancer of African American Patients Asmaa El-Kenawi, PhD Moffitt Cancer Center
6:40 PM – 7:00 PM	Discussion First Question: Karen Knudsen, MBA, PhD
7:00 PM – 7:10 PM	Development of Novel Patient-Derived Xenograft Models to Facilitate Health Disparities Research Salma Kaochar, PhD Baylor College of Medicine
7:10 PM – 7:30 PM	Discussion First Question: Kara Maxwell, MD, PhD
7:30 PM – 7:40 PM	Increasing Diversity in Prostate Cancer Clinical Trials: Multiple Solutions to Achieve Clinical Trial Equity Leanne Burnham, PhD City of Hope
7:40 PM – 8:00 PM	Discussion First Question: Leigh Ellis, PhD
8:00 PM – 8:10 PM	Reducing Rural-Urban Disparities in Availability of Cancer Services and Patient Outcomes Ekaterina Noyes, PhD, MPH University at Buffalo
8:10 PM – 8:30 PM	Discussion First Question: Abhijit Parolia, PhD

Saturday, June 25, 2022

SATURDAY, JUNE 25, 2022

6:30 AM – 7:00 AM	Breakfast	Centennial Foyer
7:00 AM – 7:10 AM	Move to Session VII	Centennial A&B
<u>Session VII: Tipping the Balance in AR Regulation - When to Inhibit and When is Too Much?</u>		
Session Chair:	Elizabeth Wasmuth, PhD Memorial Sloan Kettering Cancer Center	
7:10 AM – 7:20 AM	From Steroids to Shape Shifting – How the Androgen Receptor is Primed to Drive Cancer Elizabeth Wasmuth, PhD Memorial Sloan Kettering Cancer Center	
7:20 AM – 7:40 AM	Discussion First question: Andrei Gafita, MD	
7:40 AM – 7:50 AM	Exploiting the AR "Goldilocks" Phenomenon for Prostate Cancer Therapy Pete Nelson, MD University of Washington; Fred Hutchinson Cancer Research Center	
7:50 AM – 8:10 AM	Discussion First question: Remi Adelaiye-Ogala, PhD	
8:10 AM – 8:20 AM	Impeding Enhancer Accessibility in Transcription Factor-Addicted Cancers Abhijit Parolia, PhD University of Michigan	
8:20 AM – 8:40 AM	Discussion First question: Huihui Ye, MD	
8:40 AM – 8:50 AM	Epigenetic Alterations Associated with AR Expression Heterogeneity Michael Haffner, MD, PhD University of Washington; Fred Hutchinson Cancer Research Center	
8:50 AM – 9:10 AM	Discussion First Question: Xiao Wei, MD	
9:10 AM – 9:30 AM	Break	

Saturday, June 25, 2022

Session VIII: Nuclear Theranostics: Lessons Learned and Future Directions

Session Chair:	Johannes Czernin, MD University of California, Los Angeles Jeremie Calais, MD, MSc University of California, Los Angeles
9:30 AM – 9:40 AM	What Can We Learn from Theranostics Successes in Other Diseases than Prostate Cancer? NET and Thyroid Cancer Lisa Bodei, MD, PhD Memorial Sloan Kettering Cancer Center
9:40 AM – 10:00 AM	Discussion First Question: Haolong Li, PhD
10:00 AM – 10:10 AM	What Can We Learn from Theranostics Successes in Other Diseases than Prostate Cancer? Lymphoma – MIBG – Radio-Immunotherapy Neeta Pandit-Taskar, MD Weill Cornell Medical Center; Memorial Sloan Kettering Cancer Center
10:10 AM – 10:30 AM	Discussion First Question: Daniel Frigo, PhD
10:30 AM – 10:40 AM	Refining Patient Selection for PSMA-Targeted MRT: Role of FDG PET in Prostate Cancer Hossein Jadvar, MD, PhD University of Southern California
10:40 AM – 11:00 AM	Discussion First Question: Andrew Hsieh, MD
11:00 AM – 11:10 AM	Understanding Resistance to PSMA-Targeted Radiopharmaceutical Therapies Johannes Czernin, MD University of California, Los Angeles
11:10 AM – 11:30 AM	Discussion First Question: John Lee, MD, PhD
11:30 AM – 12:00 PM	Group Pictures
12:00 PM – 1:00 PM	Lunch Plateia A

Saturday, June 25, 2022

Free Afternoon

1:00 PM – 2:00 PM **Personal Training Session** *(RSVP required, limited availability)*
Lunch available immediately following training session

5:00 PM – 5:45 PM **Dinner** **Centennial Terrace**

5:45 PM – 5:55 PM **Move to Session IX** **Centennial A&B**

Section IX: 21st Century Responsible Speeding of New Treatments to Patients

Session Chair: **Ravi Parikh, MD, MPP**
University of Pennsylvania; Corporal Michael J. Crescenzo VA Medical Center

5:55 PM – 6:05 PM **Identifying Biomarkers of Survival to Accelerate Treatments in Prostate Cancer**

Tito Fojo, MD, PhD
Columbia University

6:05 PM – 6:25 PM Discussion
First Question: Eugene Shenderov, MD, PhD

6:25 PM – 6:35 PM **Leveraging VA Data to Identify Prognostic and Predictive Biomarkers in Prostate Cancer**

Isla Garraway, MD, PhD
University of California, Los Angeles; Greater Los Angeles VA Healthcare System

6:35 PM – 6:55 PM Discussion
First Question: Ana Aparicio, MD

6:55 PM – 7:05 PM **Using Real-World Data to Explore Comparative Effectiveness and Disparities in Prostate Cancer**

Ravi Parikh, MD, MPP
University of Pennsylvania; Corporal Michael J. Crescenzo VA Medical Center

7:05 PM – 7:25 PM Discussion
First Question: Lucia Nappi, MD, PhD

Saturday, June 25, 2022

7:25 PM – 7:35 PM	Cautions in Using Retrospective Data to Advance Treatment Discovery in Prostate Cancer Daniel Spratt, MD University Hospitals Seidman Cancer Center
7:35 PM – 7:55 PM	Discussion First Question: Leanne Burnham, PhD

SUNDAY, JUNE 26, 2022

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

Session X: AI and Biomarkers in Prostate Cancer

Session Chair:	Tyler Seibert, MD, PhD University of California, San Diego
7:30 AM – 7:40 AM	AI and the Future of Prostate MRI Peter Choyke, MD National Institutes of Health
7:40 AM – 8:00 AM	Discussion First Question: Asmaa El-Kenawi, PhD
8:00 AM – 8:10 AM	Beyond PSA: Measuring the Value of Novel and Reflex Biomarkers for Prostate Cancer Early Detection Ruth Etzioni, PhD University of Washington; Fred Hutchinson Cancer Research Center
8:10 AM – 8:30 AM	Discussion First Question: Samir Zaidi, MD, PhD

Sunday, June 26, 2022

8:30 AM – 8:40 AM	Clinically-Relevant Metastatic Characteristics in Circulating Tumor DNA Alexander Wyatt, PhD Vancouver Prostate Centre
8:40 AM – 9:00 AM	Discussion First Question: Sumit Subudhi, MD, PhD
9:00 AM – 9:10 AM	Machine Learning and AI Approaches for Quantitative Prostate Histopathology Beatrice Knudsen, MD, PhD University of Utah
9:10 AM – 9:30 AM	Discussion First Question: Jessica Hawley, MD, MS
9:30 AM – 9:40 AM	Developing Predictive Biomarkers of Treatment Response Using AI Approaches on Pathology Samples Felix Feng, MD University of California, San Francisco
9:40 AM – 10:00 AM	Discussion First Question: Andrew Goldstein, PhD

Session XI: Closing Remarks

10:00 AM – 10:15 AM	Meeting Debrief Kenneth Pienta, MD Johns Hopkins University Howard Soule, PhD Prostate Cancer Foundation	
10:15 AM	Departures – <i>Boxed Lunches Provided</i>	Centennial Foyer