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)
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

**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 Foyer
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
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 Genetic and Non-Genetic Determinants of Response to Immunotherapy in Prostate Cancer
Colin Pritchard, MD, PhD
University of Washington; Fred Hutchinson Cancer Research Center

9:20 AM – 9:40 AM Discussion
First Question: Elizabeth Wasmuth, PhD

9:40 AM – 9:50 AM Single-Cell Analysis to Identify Prostate Cancer Heterogeneity and Possible New Therapeutic Targets
Franklin Huang, MD, PhD
University of California, San Francisco

9:50 AM – 10:10 AM Discussion
First Question: John Lee, MD, PhD
10:10 AM – 10:30 AM  Break

**Session IV: Tackling the Big Questions in Immunotherapy**

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

10:30 AM – 10:40 AM  **Immunosuppressive Myeloid Cells in the Prostate Tumor Microenvironment: A Therapeutic Target?**
David Sykes, MD, PhD
Harvard University

10:40 AM – 11:00 AM  Discussion
First Question: Gavin Ha, PhD

11:00 AM – 11:10 AM  **Image-Guided Prostate Cancer Immunotherapy with Biomaterial Drones**
Wilfred Ngwa, MS, PhD
Johns Hopkins University

11:10 AM – 11:30 AM  Discussion
First Question: Christina Dieli-Conwright, PhD, MPH

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  **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

12:55 PM – 1:15 PM  Discussion
First Question: Adam Sowalsky, PhD

1:15 PM – 1:25 PM  **Lessons from Tumor-Intrinsic Resistance to Immunotherapy in Melanoma**
Anusha Kalbasi, MD
University of California, Los Angeles

1:25 PM – 1:45 PM  Discussion
First Question: Ravi Parikh, MD, MPP
1:45 PM – 1:55 PM  Should We “Adopt” Adoptive Immunotherapy?  
Susan Slovin, MD, PhD  
Memorial Sloan Kettering Cancer Center

1:55 PM – 2:15 PM  Discussion  
First Question: David Quigley, PhD

2:15 PM – 2:30 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

2:30 PM – 2:40 PM  Bridging the Gap between Biologic, Individual, and Macroenvironmental Factors  
Timothy Rebbeck, PhD  
Harvard University

2:40 PM – 3:00 PM  Discussion  
First Question: David Einstein, MD

3:00 PM – 3:10 PM  Immunobiological Factors that Contribute to Prostate Cancer Disparities in Racial / Ethnic Minorities  
Janielle Maynard, PhD  
Johns Hopkins University

3:10 PM – 3:30 PM  Discussion  
First Question: Tyler Seibert, MD, PhD

3:30 PM – 3:40 PM  Disparities in Prostate Cancer Survival According to Neighborhood Archetype  
Salma Shariff-Marlo, PhD, MPH  
University of California, San Francisco

3:40 PM – 4:00 PM  Discussion  
First Question: Johannes Czernin, MD

4:00 PM – 4:10 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

4:10 PM – 4:30 PM  Discussion  
First Question: Lisa Chesner, PhD
Friday, June 24, 2022

4:30 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
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<td>Centennial Foyer</td>
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<td>7:00 AM – 7:10 AM</td>
<td>Move to Session VII</td>
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**Session VII: Tipping the Balance in AR Regulation - When to Inhibit and When is Too Much?**

**Session Chair:** Elizabeth Wasmuth, PhD  
Memorial Sloan Kettering Cancer Center

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<td>From Steroids to Shape Shifting – How the Androgen Receptor is Primed to Drive Cancer</td>
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<td>7:20 AM – 7:40 AM</td>
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<td>7:40 AM – 7:50 AM</td>
<td>Exploiting the AR &quot;Goldilocks&quot; Phenomenon for Prostate Cancer Therapy</td>
<td>Centennial A&amp;B</td>
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<td>8:10 AM – 8:20 AM</td>
<td>Impeding Enhancer Accessibility in Transcription Factor-Addicted Cancers</td>
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<td>Epigenetic Alterations Associated with AR Expression Heterogeneity</td>
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<td>9:10 AM – 9:30 AM</td>
<td>Break</td>
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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
Synergistic Combination of Theranostics and Systemic Therapy
Rahul Aggarwal, MD
University of California, San Francisco

11:10 AM – 11:30 AM
Discussion
First Question: Amy Moran, PhD

11:30 AM – 11:40 AM
Theranostics Cocktails: Alpha, Beta, Peptides, Antibodies
Neil Bander, MD
Weill Cornell Medicine

11:40 AM – 12:00 PM
Discussion
First Question: Xiao Wei, MD
Saturday, June 25, 2022

12:00 PM – 12:15 PM  Group Pictures

12:30 PM – 1:30 PM  Lunch  Plateia A

Free Afternoon

1:30 PM – 2:30 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

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
Saturday, June 25, 2022

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

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

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
6:30 AM – 7:20 AM  Breakfast  Centennial Foyer
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  
Fred Hutchinson Cancer Research Center

8:10 AM – 8:30 AM  Discussion  
First Question: Samir Zaidi, MD, PhD

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 – Boxed Lunches Provided  Centennial Foyer