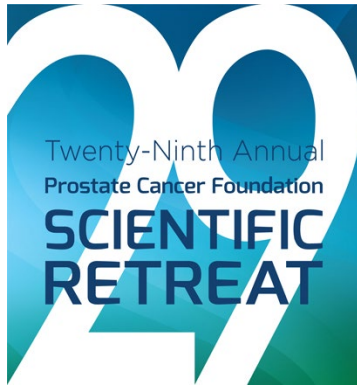


***29<sup>th</sup> Annual Prostate Cancer Foundation  
Scientific Retreat***

***October 27 - 29, 2022***

***Omni La Costa Resort  
Carlsbad, California***



# AGENDA

Thursday, October 27, 2022

\*All times in U.S. PDT

## GENERAL SESSIONS

Location: Costa Del Sol Ballroom

**8:00 AM**                      **Registration**                                      **Costa Del Sol Foyer**

**Welcome & Opening Remarks**

**1:00 PM - 1:05 PM**

**Howard Soule, PhD**  
Prostate Cancer Foundation  
**Andrea Miyahira, PhD**  
Prostate Cancer Foundation

**Session 1: Novel Clinical Trial Updates**

**1:05 PM - 2:25 PM**

**Moderator: Jake Vinson, MHA**  
The Prostate Cancer Clinical Trials Consortium

**1:05 PM - 1:20 PM**      ***Targeting a Tumor-Specific CD46 Epitope in Metastatic Castration Resistant Prostate Cancer***

**Rahul Aggarwal, MD**  
University of California, San Francisco

**1:20 PM - 1:25 PM**      Discussion

**1:25 PM - 1:40 PM**      ***Targeting Myeloid Chemotaxis via CXCR2 Blockade as a Therapeutic Strategy in Advanced Prostate Cancer***

**Christina Guo, MD**  
Institute for Cancer Research; Royal Marsden Hospital, UK

**1:40 PM - 1:45 PM**      Discussion

**Thursday, October 27, 2022**

- 1:45 PM - 2:00 PM *Biomarker Results from Targeting TROP2 with Sacituzumab  
Govitecan in mCRPC*  
**Joshua Lang, MD**  
University of Wisconsin
- 2:00 PM - 2:05 PM Discussion
- 2:05 PM - 2:20 PM *TRITON3: A Phase 3 Study of Rucaparib vs. Physician's Choice of  
Therapy in mCRPC associated with HRD*  
**Alan Bryce, MD**  
Mayo Clinic
- 2:20 PM - 2:25 PM Discussion

**SPECIAL LECTURE**

**2:25 PM - 2:45 PM**

***The Magic of Mayonnaise***

**Kenneth Pienta, MD**

Johns Hopkins University

*Introduced by Howard Soule, PhD*

*Prostate Cancer Foundation*

**2:45 PM - 2:50 PM**

**Discussion**

**2:50 PM - 2:55 PM Break**

**PANEL: State of Science on Diet and Lifestyle in Lethal Prostate Cancer and  
Survivorship**

**2:55 PM - 3:55 PM**

**Moderator: Lorelei Mucci, ScD**

Harvard TH Chan School of Public Health

**Panelists:**

**William Aronson, MD** (University of California, Los Angeles)

**June Chan, ScD** (University of California, San Francisco)

**Christina Dieli-Conwright, PhD, MPH** (Dana-Farber Cancer Institute)

**Edward Giovannucci, MD, ScD** (Harvard TH Chan School of Public Health)

**Thursday, October 27, 2022**

**3:55 PM - 4:00 PM Break**

**KEYNOTE ADDRESS**

**4:00 PM - 5:00 PM**

**Michael Milken**

Founder and Chairman  
Prostate Cancer Foundation

*Introduced by Stuart Holden, MD  
Prostate Cancer Foundation*

**Group Photo**

**5:00 PM - 5:15 PM**

*Location: Costa Del Sol Foyer*

**5:15 PM - 7:00 PM Break**

**Thursday, October 27, 2022**

**Dinner and Awards Ceremony**

**7:00 PM - 10:00 PM**

*Location: Costa Del Sol Ballroom*

**PCF Awards Ceremony**

**8:00 PM - 9:00 PM**

**2020 PCF Young Investigator Awards**

**2021 PCF Young Investigator Awards**

**2022 PCF Young Investigator Awards**

**2022 PCF VALor Precision Oncology Center of Excellence Awards**

**2020 PCF Challenge Awards**

**2021 PCF Challenge Awards**

**2022 PCF Challenge Awards**

**Friday, October 28, 2022**

**6:00 AM - 6:45 AM** *Breakfast*

**Location: Costa Del Sol Patio**

**6:45 AM - 7:00 AM** **Move to Session**

**GENERAL SESSIONS**

**Location: Costa Del Sol Ballroom**

**PANEL: State of Clinical Therapy for Advanced Prostate Cancer**

**7:00 AM - 8:00 AM**

**Moderator: Charles J. Ryan, MD**

Prostate Cancer Foundation

**Panelists:**

**Jessica Hawley, MD, MS** (University of Washington; Fred Hutchinson Cancer Center)

**Renu Eapen, MBBS, FRACS (Urol)** (Peter MacCallum Cancer Centre, Melbourne; University of Melbourne)

**Felix Feng, MD** (University of California, San Francisco)

**Michael Haffner, MD, PhD** (University of Washington; Fred Hutchinson Cancer Center)

**Ana Kiess, MD, PhD** (Johns Hopkins University)

**Colin Pritchard, MD, PhD** (University of Washington; Fred Hutchinson Cancer Center)

**8:00 AM - 8:05 AM** *Break*

**Session 2: Impact of Molecular and Genomic Factors on Prostate Cancer Disease Etiology and Health Disparities**

**8:05 AM – 9:25 AM**

**Moderator: Salma Kaochar, PhD**

Baylor College of Medicine

**8:05 AM - 8:20 AM** *Immunogenomic Landscape of African-American Prostate Cancer*

**Tamara Lotan, MD**

Johns Hopkins University

**8:20 AM - 8:25 AM** Discussion

**Friday, October 28, 2022**

- 8:25 AM - 8:40 AM *Alternative RNA Splicing in African American Prostate Cancer*  
**Steven Patierno, PhD**  
Duke University
- 8:40 AM - 8:45 AM Discussion
- 8:45 AM - 9:00 AM *Epidemiology: Are Biologic Impacts Due to Ancestry vs Socio-Economic impacts of Racism?*  
**Folakemi Odedina, PhD**  
Mayo Clinic
- 9:00 AM - 9:05 AM Discussion
- 9:05 AM - 9:20 AM *Reprogramming of AR in African American Prostate Cancer*  
**Salma Kaochar, PhD**  
Baylor College of Medicine
- 9:20 AM - 9:25 AM Discussion (\*N/A post-meeting for On Demand)

**Session 3: Neuroendocrine Prostate Cancer**

**9:25 AM - 10:25 AM**

**Moderator: Himisha Beltran, MD**  
Dana-Farber Cancer Institute

- 9:25 AM - 9:40 AM *Circular RNA in NEPC and CRPC*  
**Hansen He, PhD**  
Princess Margaret Cancer Centre, Canada
- 9:40 AM - 9:45 AM Discussion
- 9:45 AM - 10:00 AM *The Role of ASCL1 in NE Reprogramming of Prostate Cancer*  
**John Lee, MD, PhD**  
Fred Hutchinson Cancer Center
- 10:00 AM - 10:05 AM Discussion
- 10:05 AM - 10:20 AM *PSMA Heterogeneity in NEPC and CRPC*  
**Himisha Beltran, MD**  
Dana-Farber Cancer Institute
- 10:20 AM - 10:25 AM Discussion

**Friday, October 28, 2022**

**Session 4: Single Cell Sequencing**

**10:25 AM – 11:25 AM**

**Moderator: Michael Shen, PhD**  
Columbia University

**10:25 AM - 10:40 AM** *Longitudinal Single-Cell Analysis of Metastases from Men with mHSPC Treated with ADT and Anti-PD-1*

**Jessica Hawley, MD, MS**  
University of Washington; Fred Hutchinson Cancer Center

**10:40 AM - 10:45 AM** Discussion

**10:45 AM - 11:00 AM** *Harnessing Single Cell Analysis of the Tumor Microenvironment to Improve Immunotherapy Approaches in Prostate Cancer*

**Amy Moran, PhD**  
Oregon Health Sciences University

**11:00 AM - 11:05 AM** Discussion

**11:05 AM - 11:20 AM** *Heterogeneity and Complexity of the Prostate Epithelium: New Findings from Single-Cell RNA Sequencing Studies*

**Michael Shen, PhD**  
Columbia University (\*N/A post-meeting for On Demand)

**11:20 AM - 11:25 AM** Discussion

**SPECIAL LECTURE**

**11:25 AM - 12:00 PM**

***The Global Public Square of Prostate Cancer***

**Charles J. Ryan, MD**  
Prostate Cancer Foundation

*Introduced by Howard Soule, PhD*  
*Prostate Cancer Foundation*



**Friday, October 28, 2022**

**Lunch**

**12:00 PM - 12:50 PM**

*Location: Costa Del Sol Patio*

**12:50 PM - 1:00 PM Move to Session 5**  
**Location: Costa Del Sol Ballroom**

**SPECIAL LECTURE**

**1:00 PM - 1:15 PM**

**Rational Combinations with Androgen Receptor Inhibition  
for Prostate Cancer Treatment**

**Jeff Settleman, PhD**

Chief Scientific Officer, Oncology R&D, Pfizer

(\*N/A post-meeting for On Demand)

*Introduced by Howard Soule, PhD  
Prostate Cancer Foundation*

**1:15 PM - 1:20 PM**

**Discussion**

Friday, October 28, 2022

Session 5: Lessons from Primary Prostate Cancer

1:20 PM - 2:40 PM

**Moderator: Jiaoti Huang, PhD**

Duke University

1:20 PM - 1:35 PM *Molecular Signatures to Risk-Stratify Intermediate-Risk Primary Prostate Cancer*

**Jiaoti Huang, PhD**

Duke University

1:35 PM - 1:40 PM Discussion

1:40 PM - 1:55 PM *Cellular Origins of Therapy Resistance / Biologic Features in Primary Prostate Cancer that may Inform Outcome or Therapy Response*

**Mary-Ellen Taplin, MD**

Dana-Farber Cancer Institute

1:55 PM - 2:00 PM Discussion

2:00 PM - 2:15 PM *Predicting Prostate Cancer Outcome and Molecular Subtype with Artificial Intelligence*

**Tamara Lotan, MD**

Johns Hopkins University

2:15 PM - 2:20 PM Discussion

2:20 PM - 2:35 PM *Lineage Plasticity in Cancers of the Lung and Prostate*

**Charles Rudin, MD, PhD**

Memorial Sloan Kettering Cancer Center

2:35 PM - 2:40 PM Discussion

Session 6: Genetic, Epigenetic, Epitranscriptomic and Post-Translational Mechanisms and Clinical Heterogeneity in Prostate Cancer

2:40 PM - 3:40 PM

**Moderator: Nigel Mongan, PhD**

The University of Nottingham, UK

2:40 PM - 2:55 PM *Genetic Determinants of Clinical Heterogeneity in Prostate Cancer*

**Brian Robinson, MD**

Weill Cornell Medicine

2:55 PM - 3:00 PM Discussion

**Friday, October 28, 2022**

- 3:00 PM - 3:15 PM *Epitranscriptomic and Epigenetic Determinants of Prostate Cancer*  
**Jennie Jeyapalan, PhD**  
The University of Nottingham, UK (\*N/A post-meeting for On Demand)
- 3:15 PM - 3:20 PM Discussion
- 3:20 PM - 3:35 PM *Post-Transcriptional Regulation of Androgen Receptor During Prostate Cancer Progression*  
**Charlotte Bevan, PhD**  
Imperial College London, UK (\*N/A post-meeting for On Demand)
- 3:35 PM - 3:40 PM Discussion

**Session 7: Next Generation Prostate Cancer Theranostics and Combination Therapies**

**3:40 PM - 5:00 PM**

**Moderator: Ana Kiess, MD, PhD**  
Johns Hopkins University

- 3:40 PM - 3:55 PM *Immunomodulation of Tumor Microenvironment with Molecular Targeted Radiotherapy to Facilitate Response to Combination Therapies*  
**Zachary Morris, MD, PhD**  
University of Wisconsin
- 3:55 PM - 4:00 PM Discussion
- 4:00 PM - 4:15 PM *Combination of PSMA-targeted Radiopharmaceutical Therapy and Immunotherapy for mCRPC*  
**Shahneen Sandhu, MBBS**  
Peter MacCallum Cancer Centre, Australia
- 4:15 PM - 4:20 PM Discussion
- 4:20 PM - 4:35 PM *hK2 Targeted Radioimmunotheranostics for Prostate Cancer*  
**David Ulmert, MD, PhD**  
University of California, Los Angeles
- 4:35 PM - 4:40 PM Discussion
- 4:40 PM - 4:55 PM *Combinations of Radiopharmaceutical Therapies and SBRT for Oligometastatic Hormone-Sensitive Prostate Cancer*  
**Ana Kiess, MD, PhD**  
Johns Hopkins University (\*N/A post-meeting for On Demand)
- 4:55 PM - 5:00 PM Discussion

**Friday, October 28, 2022**

**Session 8: Investigating the Path from PI3K to Protein Synthesis to Tailor Prostate Cancer Therapy**

**5:00 PM - 6:00 PM**

**Moderator: Daniela Brina, PhD**

Institute of Oncology Research, Switzerland

**5:00 PM - 5:15 PM**

***Therapeutic Targeting of the Translational Machinery Blocks MDSCs and Enhances Anti-Tumor Immunity in Prostate Cancer***

**Daniela Brina, PhD**

Institute of Oncology Research, Switzerland

**5:15 PM - 5:20 PM**

Discussion

**5:20 PM - 5:35 PM**

***Defining the Therapeutic Selective Dependencies for Distinct Subtypes of PI3K Pathway-Altered Prostate Cancers***

**Brett Carver, MD**

Memorial Sloan Kettering Cancer Center

**5:35 PM - 5:40 PM**

Discussion

**5:40 PM - 5:55 PM**

***The Androgen Receptor Regulates a Druggable Translational Regulon in Advanced Prostate Cancer***

**Andrew Hsieh, MD**

Fred Hutchison Cancer Center

**5:55 PM - 6:00 PM**

Discussion

**Dinner**

**6:30 PM - 7:30 PM**

*Dinner Location: Costa Del Sol Patio*

**Poster Session and Dessert**

**7:30 PM - 10:30 PM**

*Poster Session and Dessert Location: Costa De La Luna Ballroom*

**Saturday, October 29, 2022**

**6:00 AM - 6:45 AM** *Breakfast*

**Location: Costa Del Sol Patio**

**6:45 AM - 7:00 AM** **Move to Session**

**GENERAL SESSIONS**

**Location: Costa Del Sol Ballroom**

**Session 9: Combining Immunomodulatory Treatments for Prostate Cancer**

**7:00 AM - 8:40 AM**

**Moderator: Nicholas Huntington, PhD**

Monash University, Australia

**7:00 AM - 7:15 AM**

*Targeting P53 to Induce ICB Response in Cold Tumors*

**Nicholas Huntington, PhD**

Monash University, Australia

**7:15 AM - 7:20 AM**

Discussion

**7:20 AM - 7:35 AM**

*Engaging FLT3 to Promote Dendritic Cell Expansion & Drive the Adaptive Anti-Tumor Immune Response*

**Michelle Kuhne, PhD**

Gilead Sciences

**7:35 AM - 7:40 AM**

Discussion

**7:40 AM - 7:55 AM**

*Leveraging an Interplay Between Hormone Receptor Signaling and Immune Recognition to Enhance Immunotherapy in Prostate Cancer*

**Lisa Chesner, PhD**

University of California, San Francisco

**7:55 AM - 8:00 AM**

Discussion

**8:00 AM - 8:15 AM**

*EZH2 Inhibition Reprograms the Tumor Microenvironment to Potentiate Response to Checkpoint Inhibition*

**Leigh Ellis, PhD**

Cedars Sinai Medical Center

**8:15 AM - 8:20 AM**

Discussion

**8:20 AM - 8:35 AM**

*CoStimulatory Bispecifics for Prostate Cancer Immunotherapy*

**Israel Lowy, MD, PhD**

Regeneron Pharmaceuticals Inc.

**8:35 AM - 8:40 AM**

Discussion

**Saturday, October 29, 2022**

**Session 10: Lessons from Other Cancers**

**8:40 AM - 10:00 AM**

**Moderator: Peter Nelson, MD**

Fred Hutchinson Cancer Center

8:40 AM - 8:55 AM

***MMR and Immunoablative Therapy***

**Luis Diaz, MD**

Memorial Sloan Kettering Cancer Center

8:55 AM - 9:00 AM

Discussion

9:00 AM - 9:15 AM

***Spatial and Single Cell Profiling of Breast Cancer through Neoadjuvant Therapy***

**Christina Curtis, PhD, MSc**

Stanford University

9:15 AM - 9:20 AM

Discussion

9:20 AM - 9:35 AM

***Drivers of Merkel Cell Carcinoma Provide Insight into Neuroendocrine Prostate Cancer***

**James DeCaprio, MD**

Dana-Farber Cancer Institute

9:35 AM - 9:40 AM

Discussion

9:40 AM - 9:55 AM

***Collective Signaling Factors Driving Breast Cancer Metastasis and Therapy Resistance***

**Kevin Cheung, MD**

Fred Hutchinson Cancer Center

(\*N/A post-meeting for On Demand)

9:55 AM - 10:00 AM

Discussion

**Session 11: Novel Gamma Delta T Cell Therapy Platforms for Oncology**

**10:00 AM - 11:45 AM**

**Moderator: Marco Gottardis, PhD**

Janssen Research & Development, LLC

10:00 AM - 10:05 AM ***Introduction***

**Marco Gottardis, PhD**

Janssen Research & Development, LLC

10:05 AM - 10:20 AM

***Primer on the Biology of  $\gamma\delta$  T cells and their Use in Cancer Cell Therapy***

**Sandy Hayes, PhD**

Janssen

10:20 AM - 10:25 AM

Discussion

**Saturday, October 29, 2022**

10:25 AM - 10:40 AM *Novel  $\gamma\delta$  T Cell Therapy Platform*  
**Lawrence Lamb, Jr., PhD**

IN8bio

10:40 AM - 10:45 AM Discussion

10:45 AM - 11:00 AM *Bispecific  $\gamma\delta$  T Cell Engagers for the Treatment of Prostate Cancer*

**Paul Parren, PhD**

LAVA Therapeutics

11:00 AM - 11:05 AM Discussion

11:05 AM - 11:20 AM *Using iPSC-derived  $\gamma\delta$  CAR-T cells to Overcome the TME barrier in Solid Tumors*

**Hy Levitsky, MD**

CENTURY TX

11:20 AM - 11:25 AM Discussion

11:25 AM - 11:40 AM *Progress with  $\gamma/\delta$  T Cell Therapy in the Treatment of Cancer*  
**Blake Aftab, PhD**

Adicet Bio, Inc.

(\*N/A post-meeting for On Demand)

11:40 AM - 11:45 AM Discussion

**Closing Remarks**

**11:45 AM - 12:00 PM**

**Howard Soule, PhD**

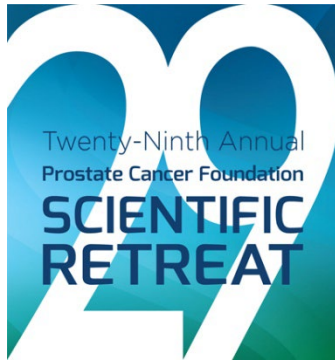
Prostate Cancer Foundation

**Andrea Miyahira, PhD**

Prostate Cancer Foundation

***Meeting Adjourned***

***\*\* A boxed lunch will be provided \*\****



## **Program Committee:**

**Program Committee Co-Chair: Howard Soule, PhD** (Prostate Cancer Foundation)

**Program Committee Co-Chair: Andrea Miyahira, PhD** (Prostate Cancer Foundation)

**Charles J. Ryan, MD** (Prostate Cancer Foundation)

**Himisha Beltran** (Dana-Farber Cancer Institute)

**Daniela Brina, PhD** (Institute of Oncology Research, Switzerland)

**Marco Gottardis, PhD** (Janssen Research & Development, LLC)

**Jessica Hawley, MD, MS** (University of Washington; Fred Hutchinson Cancer Center)

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**Anna Kiess, MD** (Johns Hopkins University)

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**Peter Nelson, MD** (Fred Hutchinson Cancer Center)

**Michael Shen, PhD** (Columbia University)

**Jake Vinson, MHA** (The Prostate Cancer Clinical Trials Consortium)



*We deeply thank our Retreat supporters for providing funding for this educational initiative.*

