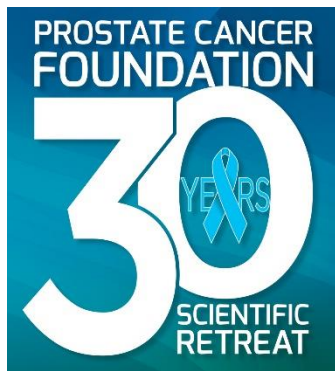


***30th Annual Prostate Cancer Foundation
Scientific Retreat***

October 26 - 28, 2023

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



AGENDA

Thursday, October 26, 2023

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: Cancer Stem Cells and Prostate Cancer Lineage Plasticity

1:05 PM - 2:25 PM

Moderator: Rakesh Heer, MBBS, PhD

Newcastle University, UK

1:05 PM - 1:20 PM

Development, Maturation, and Maintenance of Human Prostate

Rakesh Heer, MBBS, PhD

Newcastle University, UK

1:20 PM - 1:25 PM

Discussion

1:25 PM - 1:40 PM

Targeting Lineage Plasticity in Prostate Cancer

Wouter Karthaus, PhD

Swiss Institute for Experimental Cancer Research, École Polytechnique Fédérale De Lausanne, Switzerland

1:40 PM - 1:45 PM

Discussion

1:45 PM - 2:00 PM

Engineering Prostate Cancer – Designer Organoids

Adriana Buskin, PhD

Newcastle University, UK

Anastasia Hepburn, PhD

Newcastle University, UK

2:00 PM - 2:05 PM

Discussion

Thursday, October 26, 2023

- 2:05 PM - 2:20 PM ***Organwide Spatial Analysis of Prostate and its Tumors***
Joakim Lundeberg, PhD
KTH Royal Institute of Technology, Science for Life Laboratory, Solna, Sweden
- 2:20 PM - 2:25 PM **Discussion** (*N/A post-meeting for On Demand)

Session 2: Treatment Resistance and Plasticity 2023

2:25 PM - 3:45 PM

Moderator: David Goodrich, PhD
Roswell Park Comprehensive Cancer Center

- 2:25 PM - 2:40 PM ***The 4D Nucleome Underlying Neuroendocrine Transformation of Prostate Cancer***

Jindan Yu, MD, PhD
Emory University

- 2:40 PM - 2:45 PM **Discussion**

- 2:45 PM - 3:00 PM ***DNA Methylation as a Biomarker and Target in Neuroendocrine Prostate Cancer***

Himisha Beltran, MD
Dana-Farber Cancer Institute

- 3:00 PM - 3:05 PM **Discussion**

- 3:05 PM - 3:20 PM ***Targeting Prostate Cancer Plasticity in the Clinic***

David Goodrich, PhD
Roswell Park Comprehensive Cancer Center

- 3:20 PM - 3:25 PM **Discussion**

- 3:25 PM - 3:40 PM ***Temporal Evolution Reveals Bifurcated Lineages in Aggressive Neuroendocrine Small Cell Prostate Cancer Trans-Differentiation***

Chia-Chun (Olga) Chen
University of California, Los Angeles

Thomas Graeber, PhD
University of California, Los Angeles

- 3:40 PM - 3:45 PM **Discussion**

Thursday, October 26, 2023

Session 3: The Future of AI in Diagnostic Medicine

3:45 PM - 5:05 PM

Moderator: Thomas Fuchs, DSc

Icahn School of Medicine at Mount Sinai

3:45 PM - 4:00 PM ***AI-Based Pathology Biomarkers for Predicting Cancer Outcomes***

Thomas Fuchs, DSc

Icahn School of Medicine at Mount Sinai

4:00 PM - 4:05 PM **Discussion**

4:05 PM - 4:20 PM ***Utility of Pathology Deep Learning Algorithms for Prostate Cancer***

Tamara Lotan, MD

Johns Hopkins University

4:20 PM - 4:25 PM **Discussion**

4:25 PM - 4:40 PM ***AI-Enabled Therapy Personalization***

Andre Esteve, PhD

ArteraAI

4:40 PM - 4:45 PM **Discussion**

4:45 PM - 5:00 PM ***AI-Based Quantitative Imaging Biomarkers***

Robert Jeraj, PhD

University of Wisconsin; AIQ Solutions

5:00 PM - 5:05 PM **Discussion**

SPECIAL LECTURE

5:05 PM - 5:20 PM

Transforming the Clinical Trial Experience to Ensure Breakthroughs for All

Judy Sowards

Pfizer

Introduced by Matthew Cotter, PhD

Pfizer

5:20 PM - 5:25 PM

Discussion

Thursday, October 26, 2023

SPECIAL LECTURE

5:25 PM - 5:45 PM

DEI Strategies for Advancing Cancer Care Equity

Tawana Thomas Johnson

American Cancer Society

Introduced by Brandon Mahal, MD

University of Miami

5:45 PM - 5:50 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

Friday, October 27, 2023

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 4: Analytical Approaches and Computational Biology for Cancer Research

7:00 AM - 7:45 AM

Moderator: Francesca Demichelis, PhD

University of Trento, Italy

7:00 AM - 7:05 AM ***Introduction***

Francesca Demichelis, PhD

University of Trento, Italy

7:05 AM - 7:20 AM ***Non-Neuroendocrine Lineage Plasticity in Prostate Cancer***

Ekta Khurana, PhD

Weill Cornell Medicine

7:20 AM - 7:25 AM **Discussion**

7:25 AM - 7:40 AM ***Mechanism-Centric Markers of Therapeutic Resistance in Oncology***

Antonina Mitrofanova, PhD

Rutgers University

7:40 AM - 7:45 AM **Discussion**

Friday, October 27, 2023

SPECIAL LECTURE

7:45 AM - 8:00 AM

Of Nerves and Cancer

Gustavo Ayala, MD

The University of Texas Health Science Center at Houston

*Introduced by Howard Soule, PhD
Prostate Cancer Foundation*

8:00 AM - 8:05 AM

Discussion

Session 5: The Biology of Prostate Cancer Bone Metastases

8:05 AM - 9:25 AM

Moderator:

Matt Greenblatt, MD, PhD

Weill Cornell Medicine

8:05 AM - 8:20 AM

Building on Insights from Murine Models and Clinical Studies of Prostate Cancer Bone Metastases

Estefania Labanca, PhD

The University of Texas MD Anderson Cancer Center

Nora Navone, MD, PhD

The University of Texas MD Anderson Cancer Center

8:20 AM - 8:25 AM

Discussion

8:25 AM - 8:40 AM

A Skeletal Stem Cell Directing Prostate Cancer Spine Metastases

Matt Greenblatt, MD, PhD

Weill Cornell Medicine

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

8:40 AM - 8:45 AM

Discussion

8:45 AM - 9:00 AM

Uncovering Opportunities for Immune Targeting of Prostate Cancer Bone Metastases

Belinda Parker, PhD

Peter MacCallum Cancer Centre, Australia

9:00 AM - 9:05 AM

Discussion

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

Friday, October 27, 2023

9:05 AM - 9:20 AM ***Role of Osteocytes in Prostate Cancer Bone Metastasis***
Evan T. Keller, DVM, PhD
University of Michigan (*N/A post-meeting for On Demand)

9:20 AM - 9:25 AM **Discussion**

SPECIAL LECTURE

9:25 AM - 9:40 AM

Transitioning from "Drug to Therapy Development Strategies" in Prostate Cancer

Christopher Logothetis, MD

The University of Texas MD Anderson Cancer Center

Introduced by Ana Aparicio, MD

The University of Texas MD Anderson Cancer Center

9:40 AM - 9:45 AM

Discussion

Special Lecture

9:45 AM - 10:00 AM

***Implementation Science and How It Can Improve Prostate Cancer Outcomes:
The PCF-ADEPT Program***

William K. Oh, MD

Chief Medical Officer, Prostate Cancer Foundation

Introduced by Charles J. Ryan, MD

Prostate Cancer Foundation

10:00 AM - 10:05 AM

Discussion

Friday, October 27, 2023

SPECIAL LECTURE

10:05 AM - 10:35 AM

The Global Public Square of Prostate Cancer

Charles J. Ryan, MD

Prostate Cancer Foundation

Introduced by Howard Soule, PhD

Prostate Cancer Foundation

10:35 AM - 10:40 AM

Discussion

Session 6: The Contribution of Ancestry and Genomics to Prostate Cancer Disparities

10:40 AM - 11:40 AM

Moderator: Vanessa Hayes, PhD

The University of Sydney, Australia

10:40 AM - 10:55 AM ***African-Specific Molecular Taxonomy of Prostate Cancer***

Vanessa Hayes, PhD

The University of Sydney, Australia

10:55 AM - 11:00 AM **Discussion**

11:00 AM - 11:15 AM ***Biomarker Benchmarking across Ancestral Populations***

Elio Adib, MD

Brigham and Women's Hospital; Massachusetts General Hospital

Amin H. Nassar, MD

Yale New Haven Hospital

11:15 AM - 11:20 AM **Discussion**

11:20 AM - 11:35 AM ***Lessons from Genomics and Health Disparities in Breast Cancer***

Melissa Davis, PhD

Morehouse School of Medicine

11:35 AM - 11:40 AM **Discussion**

Friday, October 27, 2023

Group Photo

11:40 AM - 11:50 AM

Location: Costa Del Sol Foyer

Lunch

11:50 AM - 12:40 PM

Location: Costa Del Sol Patio

12:40 PM - 12:50 PM Move to Session

Location: Costa Del Sol Ballroom

PANEL: State of Clinical Therapy for Advanced Prostate Cancer

12:50 PM - 1:35 PM

Moderator: Charles J. Ryan, MD

Prostate Cancer Foundation

Panelists:

Alok Tewari, MD, PhD (Dana-Farber Cancer Institute)

Ana Aparicio, MD (The University of Texas MD Anderson Cancer Center)

Angelo De Marzo, MD, PhD (The Johns Hopkins University School of Medicine)

Thomas Hope, MD (University of California, San Francisco)

David Jarrard, MD (University of Wisconsin)

Neha Vapiwala, MD (University of Pennsylvania)

Friday, October 27, 2023

SPECIAL LECTURE

1:40 PM - 1:55 PM

Pathways to Entrepreneurship

Robert Reiter, MD

University of California, Los Angeles

Introduced by Howard Soule, PhD

Prostate Cancer Foundation

1:55 PM - 2:00 PM

Discussion

Session 7: Progress in New Targets and Treatments for Prostate Cancer

2:00 PM - 4:00 PM

Moderator: Howard Soule, PhD

Prostate Cancer Foundation

2:00 PM - 2:15 PM

ENZAp: A Randomised Phase II Trial using PSMA as a Therapeutic Agent and Imaging Biomarker in Men with Metastatic Castration-Resistant Prostate Cancer Treated with Enzalutamide (ANZUP 1901)

Louise Emmett, MD

St Vincent's Hospital Sydney, Australia

2:15 PM - 2:20 PM

Discussion

2:20 PM - 2:35 PM

GPC3 as a Novel Therapeutic Target of Prostate Cancer

Jiaoti Huang, MD, PhD

Duke University

2:35 PM - 2:40 PM

Discussion

2:40 PM - 2:55 PM

Targeting CD40 to Stimulate Anti-Tumor Immunity in Prostate Cancer

Matthew Dallos, MD

Memorial Sloan Kettering Cancer Center

2:55 PM - 3:00 PM

Discussion

3:00 PM - 3:15 PM

PSMAfore: Phase III trial of PSMA-617 Lu-177 in Taxane-Naïve mCRPC Patients

A. Oliver Sartor, MD

Mayo Clinic

3:15 PM - 3:20 PM

Discussion

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

Friday, October 27, 2023

- 3:20 PM - 3:35 PM ***Insights from B7-H3 Trials***
Eugene Shenderov, MD, DPhil
Johns Hopkins University (*N/A post-meeting for On Demand)
- 3:35 PM - 3:40 PM **Discussion**
- 3:40 PM - 3:55 PM ***Threading the Needle Between Efficacy and Toxicity with PSMAxCD28 T Cell Bispecific***
Sumit Subudhi, MD, PhD
The University of Texas MD Anderson Cancer Center
- 3:55 PM - 4:00 PM **Discussion** (*N/A post-meeting for On Demand)

Session 8: Prostate Cancer 3D Genomics

4:00 PM - 5:00 PM

Moderator: Ram Mani, PhD
UT Southwestern Medical Center

- 4:00 PM - 4:15 PM ***Prostate Cancer Transcriptomic Regulation by the Interplay of Germline Rsk Alleles, Somatic Mutations and 3D-Genomic Architecture***
Ram Mani, PhD
UT Southwestern Medical Center
- 4:15 PM - 4:20 PM **Discussion**
- 4:20 PM - 4:35 PM ***New Insights on the Three-Dimensional Genome of Metastatic Prostate Cancer***
Felix Feng, MD
University of California, San Francisco
- 4:35 PM - 4:40 PM **Discussion**
- 4:40 PM - 4:55 PM ***3D Epigenomics: Non-Coding but Functional Regions Linked to Prostate Cancer***
Suhn Rhie, PhD
University of Southern California (*N/A post-meeting for On Demand)
- 4:55 PM - 5:00 PM **Discussion**

5:00 PM - 7:00 PM Break

Friday, October 27, 2023

Dinner, Awards Ceremony, and Special Lecture

7:00 PM - 10:00 PM

Location: Costa Del Sol Ballroom

PCF Awards Ceremony

7:45 PM - 10:00 PM

2023 PCF Young Investigator Awards

2022 PCF TACTICAL Awards

2023 PCF TACTICAL Award

2022 PCF Challenge Awards

2023 PCF Challenge Awards

Saturday, October 28, 2023

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: Biology and Translational Applications of Tumor Extracellular Vesicles
7:00 AM - 8:00 AM

Moderator: Dolores Di Vizio, MD, PhD
Cedars-Sinai Medical Center

7:00 AM - 7:15 AM *The Biology of Prostate Cancer-Derived Extracellular Vesicles*
Dolores Di Vizio, MD, PhD
Cedars-Sinai Medical Center

7:15 AM - 7:20 AM Discussion

7:20 AM - 7:35 AM *Prostate Cancer-Derived Extracellular Vesicles as Biomarkers*
Johan Skog, PhD
ExosomeDx, a Bio-Techne Brand

7:35 AM - 7:40 AM Discussion

7:40 AM - 7:55 AM *The Role of Tumor Extracellular Vesicles in Promoting Aggressive Cancer Behaviors*
Alissa Weaver, MD, PhD
Vanderbilt University School of Medicine

7:55 AM - 8:00 AM Discussion

KEYNOTE ADDRESS

8:00 AM - 9:00 AM

Michael Milken

Founder and Chairman
Prostate Cancer Foundation

Introduced by Stuart Holden, MD
Prostate Cancer Foundation

Saturday, October 28, 2023

Group Photo

9:00 AM - 9:15 AM

Location: Costa Del Sol Foyer

Session 10: Updates from PCF TACTICAL Awards Teams

9:15 AM - 10:35 AM

Moderator: Howard Soule, PhD
Prostate Cancer Foundation

9:15 AM - 9:30 AM

Developing Engineered Cell Therapies for Metastatic Castrate-Resistant Prostate Cancer to Increase Efficacy and Decrease Toxicity

Carl June, MD
University of Pennsylvania

Saul Priceman, PhD
City of Hope

9:30 AM - 9:35 AM

Discussion

9:35 AM - 9:50 AM

Novel Theranostic Agents for Neuroendocrine Prostate Cancer

Jason Lewis, PhD
Memorial Sloan Kettering Cancer Center

9:50 AM - 9:55 AM

Discussion

9:55 AM - 10:10 AM

An Accelerated Platform using Lead-212 Targeted α -Particle Therapy to Radically Improve Cancer Lethality of Prostate Cancer Theranostics using Novel Targets and Better Understanding of Resistance: The Cancer Lethality Lead Collaboration

Michael Hofman, MBBS
Peter MacCallum Cancer Centre, Australia

10:10 AM - 10:15 AM

Discussion

10:15 AM - 10:30 AM

Tactical Approaches to Repress Oncogenic Gene Expression in Prostatic Tumors (TARGET)

Sarki Abdulkadir, MD, PhD
Northwestern University

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

10:30 AM - 10:35 AM

Discussion

Saturday, October 28, 2023

SPECIAL LECTURE

10:35 AM - 10:50 AM

**Novel Target Identification as a Bottleneck in Biotech Innovation:
Implications for Academic Entrepreneurs**

Ahmed Alkhateeb, PhD

Sanofi

*Introduced by Howard Soule, PhD
Prostate Cancer Foundation*

10:50 AM - 10:55 AM Discussion

**Session 11: Molecular Glues & Binding Inhibitors: Novel Small Molecule Cell Therapy
Platforms**

10:55 AM - 12:20 PM

Moderator: Marco Gottardis, PhD

Gottardisbiotech LLC

10:55 AM - 11:00 AM Introduction

Marco Gottardis, PhD

Gottardisbiotech LLC

11:00 AM - 11:15 AM *Drugging the Chromatin Regulatory System*

Steven Bellon, PhD

FOGHORN

11:15 AM - 11:20 AM Discussion

11:20 AM - 11:35 AM *A New Paradigm in Drugging Transcription Factors*

Robert Sims, PhD

FLARE

11:35 AM - 11:40 AM Discussion

**11:40 AM - 11:55 AM *Hold and Kill: RIPTAC™ Therapeutics Present a Novel Mechanism to
Conquer Prostate Cancer***

Kat Kayser-Bricker, PhD

Halda Therapeutics

11:55 AM - 12:00 PM Discussion

Saturday, October 28, 2023

12:00 PM - 12:15 PM ***Development of PROTAC® AR Degraders in Advanced Prostate Cancer***

Ron Peck, MD

Arvinas

12:15 PM - 12:20 PM **Discussion**

Closing Remarks

12:20 PM - 12:25 PM

Howard Soule, PhD

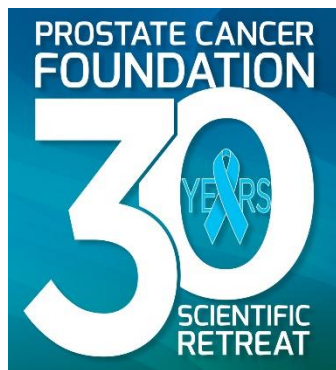
Prostate Cancer Foundation

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)

Francesca Demichelis, PhD (University of Trento, Italy)

Dolores Di Vizio, PhD (Cedars-Sinai Medical Center)

Thomas Fuchs, DSc (Icahn School of Medicine at Mount Sinai)

Marco Gottardis, PhD (Gottardisbiotech LLC)

David Goodrich, PhD (Roswell Park Comprehensive Cancer Center)

Matt Greenblatt, MD, PhD (Weill Cornell Medicine)

Vanessa Hayes, PhD (The University of Sydney, Australia)

Rakesh Heer, MBBS, PhD (Newcastle University, UK)

Salma Kaochar, PhD (Baylor College of Medicine)

Brandon Mahal, MD (University of Miami)

Ram Mani, PhD (UT Southwestern Medical Center)

Charles J. Ryan, MD (Prostate Cancer Foundation)

Alok Tewari, MD, PhD (Dana-Farber Cancer Institute)

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

