



***26th Annual Prostate Cancer Foundation
Scientific Retreat***

October 24 - 26, 2019

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



AGENDA

Thursday, October 24, 2019

GENERAL SESSIONS

Location: Costa Del Sol Ballroom

8:00 AM

Registration

Costa Del Sol Foyer

Welcome & Introduction

1:00 PM - 1:10 PM

Howard Soule, PhD

Prostate Cancer Foundation

Session 1: Population Science Studies to Inform Population and Patient Strategies to Reduce the Burden of Lethal Prostate Cancer

1:10 PM - 1:50 PM

Moderator: Elizabeth Platz, ScD, MPH

Johns Hopkins Bloomberg School of Public Health and the Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins

1:10 PM - 1:25 PM

Neighborhood Factors and Prostate Cancer Outcomes

Mindy C. DeRouen, PhD, MPH

University of California, San Francisco

1:25 PM - 1:30 PM

Discussion

1:30 PM - 1:45 PM

Exercise and Weight Management in the Supportive Care of Prostate Cancer Patients Undergoing Androgen Deprivation Therapy

Brian C. Focht, PhD, FACSM, CSCS

The Ohio State University

1:45 PM - 1:50 PM

Discussion

Thursday, October 24, 2019

Session 2: Immunotherapy for Prostate Cancer

1:50 PM - 3:20 PM

Moderator: Charles Drake, MD, PhD
Columbia University; NewYork-Presbyterian

1:50 PM - 1:55 PM

Introduction

1:55 PM - 2:10 PM

The Biology and Therapeutic Impact of Targeting IL-23 in Prostate Cancer

Andrea Alimonti, MD
Institute of Oncology Research, Switzerland

2:10 PM - 2:15 PM

Discussion

2:15 PM - 2:30 PM

Precision Immunotherapy for CDK12-Biallelic Loss

Ajjai Alva, MBBS
University of Michigan

2:30 PM - 2:35 PM

Discussion

2:35 PM - 2:55 PM

Targeting Chronic cGAS-STING Signaling: A Novel Vulnerability in Chromosomally Unstable Tumors

Samuel Bakhoun, MD, PhD
Memorial Sloan Kettering Cancer Center

Eileen Parkes, MD, PhD
University of Oxford, UK

2:55 PM - 3:00 PM

Discussion

3:00 PM - 3:15 PM

Testosterone Effects on Innate Immunity; Implications for Combination Therapies

Samuel Denmeade, MD
Johns Hopkins University

Sushant Kachhap, PhD
Johns Hopkins University

3:15 PM - 3:20 PM

Discussion

Thursday, October 24, 2019

Session 3: Novel Insights from Prostate Cancer Genomics

3:20 PM - 4:20 PM

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

3:20 PM - 3:35 PM ***Near-Mendelian Prostate Cancer Risk Variants of 8q24 and the HOXB Cluster***

Jeffrey Smith, MD, PhD
Vanderbilt University Medical Center

3:35 PM - 3:40 PM **Discussion**

3:40 PM - 3:55 PM ***Circular RNA in Prostate Cancer***

Housheng Hansen He, PhD
Princess Margaret Cancer Centre, Canada

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

4:00 PM - 4:15 PM ***Insights from Integrated Whole-Genome, Whole-Transcriptome, and Whole-Methylome Sequencing of mCRPC***

Shuang George Zhao, MD
University of Michigan

4:15 PM - 4:20 PM **Discussion**

SPECIAL LECTURE

4:20 PM - 4:35 PM

Cell Types of the Proximal Prostate are Enriched in Tumors, But Are They Progenitors?

Douglas Strand, PhD

The University of Texas Southwestern Medical Center

Introduced by Howard Soule, PhD
Prostate Cancer Foundation

4:35 PM - 4:40 PM

Discussion

4:40 PM - 4:45 PM **Break**

Thursday, October 24, 2019

PANEL DISCUSSION

4:45 PM - 5:45 PM

***Point-Counter Point:
Is there a Biological Basis for Racial Disparities in Prostate Cancer?
Precision Policy***

Moderator: Lorelei Mucci, ScD
Harvard T.H. Chan School of Public Health

Panelists:

Daniel George, MD (Duke University)

Susan Halabi, PhD (Duke University)

Brandon Mahal, MD (Harvard: Dana-Farber Cancer Institute)

Elizabeth Platz, MPH, ScD (Johns Hopkins Bloomberg School of Public Health and the Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins)

Westley Sholes, MPA (Member, California Prostate Cancer Coalition)

Kosj Yamoah, MD, PhD (Moffitt Cancer Center)

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 Del Sol AB & Foyer

Friday, October 25, 2019

6:00 AM - 7:45 AM ***Breakfast***

Location: Costa Del Sol Patio

7:45 AM - 8:00 AM **Move to Session**

GENERAL SESSIONS

Location: Costa Del Sol Ballroom

Session 4: Prostate Cancer Research in the VA

8:00 AM - 9:05 AM

Moderators:

Bruce Montgomery, MD

University of Washington; VA Puget Sound

Matthew Rettig, MD

University of California, Los Angeles; VA Greater Los Angeles Healthcare System

8:00 AM - 8:15 AM ***VA/PCF Precision Oncology Program for Cancer of the Prostate: POPCAP***

Bruce Montgomery, MD

University of Washington; VA Puget Sound

Matthew Rettig, MD

University of California, Los Angeles; VA Greater Los Angeles Healthcare System

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

8:20 AM - 8:40 AM ***Special Lecture: Becoming a Great Partner in the Fight Against Prostate Cancer***

Rachel Ramoni, DMD, ScD

Veterans Health Administration

8:40 AM - 8:45 AM **Discussion**

8:45 AM - 9:00 AM ***Immunotherapy Associated Cardiotoxicities: Of Mice and Men***
Javid Moselehi, MD

Vanderbilt University Medical Center

9:00 AM - 9:05 AM **Discussion**

Friday, October 25, 2019

SPECIAL LECTURE

9:05 AM - 9:20 AM

"STAMPEDE Trial: What Have We Learnt and Where Next?"

Nicholas James, MBBS, PhD

University Hospitals Birmingham, UK

Introduced by Silke Gillessen, MD

Istituto Oncologico della Svizzera Italiana (IOSI), Switzerland; University of Manchester, UK

9:20 AM - 9:25 AM

Discussion

SPECIAL LECTURE

9:25 AM - 9:45 AM

Molecular Stratification: PARP Inhibitors and Beyond

Johann de Bono, MD, PhD

Institute of Cancer Research; Royal Marsden NHS Foundation Trust, UK

Introduced by Joaquin Mateo, MD, PhD

Vall Hebron Institute of Oncology, Spain

9:45 AM - 9:50 AM

Discussion

Friday, October 25, 2019

DR. ANDREW HRUSZKEWYCZ, MD, PHD, MEMORIAL LECTURE

9:50 AM - 10:05 AM

DR. ANDREW HRUSZKEWYCZ: A Selfless Life

William Dahut, MD

National Cancer Institute

Introduced by Howard Soule, PhD

Prostate Cancer Foundation

10:05 AM - 10:10 AM

Discussion

SPECIAL LECTURE

10:10 AM - 10:40 AM

State of the Science 2019

Jonathan W. Simons, MD

Prostate Cancer Foundation

Introduced by Howard Soule, PhD

Prostate Cancer Foundation

10:40 AM - 10:45 AM

Discussion

Friday, October 25, 2019

KEYNOTE ADDRESS

10:45 AM - 11:45 AM

Michael Milken

Founder and Chairman
Prostate Cancer Foundation

*Introduced by Stuart Holden, MD
Prostate Cancer Foundation*

Group Photo

11:45 AM - 12:00 PM

Location: Costa Del Sol Foyer

Lunch

12:00 PM - 12:45 PM

Location: Costa Del Sol Patio

12:45 PM - 1:00 PM Move to Session 5

Location: Costa Del Sol Ballroom

Friday, October 25, 2019

SPECIAL LECTURE

1:00 PM - 1:15 PM

***Therapeutic Strategies Exploiting Synergies in Merkel Cell Carcinoma and
Neuroendocrine Prostate Cancer***

Paul Nghiem, MD, PhD

University of Washington

*Introduced by Peter Nelson, MD
Fred Hutchinson Cancer Research Center*

1:15 PM - 1:20 PM

Discussion

***Session 5: Treatment Associated Small Cell/Neuroendocrine Prostate Cancer (t-SCNC)
and Lineage Plasticity***

1:20 PM - 2:40 PM

Moderator: Eric Small, MD

University of California, San Francisco

1:20 PM - 1:35 PM ***Treatment-Associated Small Cell/Neuroendocrine Prostate Cancer:
Defining the Syndrome***

Eric Small, MD

University of California, San Francisco

1:35 PM - 1:40 PM **Discussion**

1:40 PM - 1:55 PM ***The Genomic Characterization of Treatment-Induced Small Cell
Neuroendocrine Prostate Cancer***

Himisha Beltran, MD

Harvard: Dana-Farber Cancer Institute

1:55 PM - 2:00 PM **Discussion**

2:00 PM - 2:15 PM ***Lineage Plasticity in Advanced Prostate Cancer: How Many Lineages?
And How Plastic Are They?***

Peter Nelson, MD

Fred Hutchinson Cancer Research Center

2:15 PM - 2:20 PM **Discussion**

Friday, October 25, 2019

2:20 PM - 2:35 PM ***Emerging Therapeutic Strategies for Aggressive Variant Prostate Cancers***

Ana Aparicio, MD

University of Texas MD Anderson Cancer Center

2:35 PM - 2:40 PM **Discussion**

SPECIAL LECTURE

2:40 PM - 2:55 PM

Real World Validation of Deep Learning Algorithms in the Assessment of Metastasis by Medical Imaging of Veterans with Prostate Cancer

Matthew Rettig, MD

University of California, Los Angeles; VA Greater Los Angeles Healthcare System

Nicholas Nickols, MD, PhD

University of California, Los Angeles; VA Greater Los Angeles Healthcare System

Introduced by Kenneth Pienta, MD

Johns Hopkins University

2:55 PM - 3:00 PM

Discussion

SPECIAL LECTURE

3:00 PM - 3:10 PM

The PSMA Walled Garden: Access for PCF Researchers to DCFPyL Images, Clinical Data and AI Tools to Accelerate Prostate Cancer AI Research

Mark R. Baker

Progenics Pharmaceuticals

Introduced by Nicholas Nickols, MD, PhD

University of California, Los Angeles; VA Greater Los Angeles Healthcare System

3:10 PM - 3:15 PM

Discussion

Friday, October 25, 2019

Session 6: New Drugs and Targets in Prostate Cancer: I

3:15 PM - 4:15 PM

Moderator: Karen Knudsen, MBA, PhD

Thomas Jefferson University

3:15 PM - 3:30 PM

Targeting Oncogenic Transcription Factor Signaling Through p300/CBP

Karen Knudsen, MBA, PhD

Thomas Jefferson University

3:30 PM - 3:35 PM

Discussion

3:35 PM - 3:50 PM

FGFR-Inhibition in Double Negative Prostate Cancer: Rationale and Future Directions

Michael Schweizer, MD

University of Washington

3:50 PM - 3:55 PM

Discussion

3:55 PM - 4:10 PM

Glutamine Metabolism as a Therapeutic Target in Prostate Cancer

Richard Lee, MD, PhD

Harvard: Massachusetts General Hospital

4:10 PM - 4:15 PM

Discussion

Friday, October 25, 2019

Dinner, Awards Ceremony, and Special Lecture

7:00 PM - 10:00 PM

Location: Costa Del Sol Ballroom

SPECIAL LECTURE:

***Accelerating Medical Product During a Crisis:
Lessons from Ebola Outbreaks and Addressing Future Threats:***

8:00 PM - 8:20 PM

Matthew Hepburn, MD

Product Lead, Enabling Biotechnologies, U.S. Department of Defense

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

PCF Awards Ceremony

8:40 PM - 10:00 PM

2019 PCF Young Investigator Awards

2019 PCF VALor Precision Oncology Center of Excellence Awards

2019 Movember Foundation-PCF Challenge Awards



MOVEMBER®

2018 PCF Challenge Awards

2019 PCF Challenge Awards

Saturday, October 26, 2019

6:00 AM - 7:15 AM ***Breakfast***

Location: Costa Del Sol Patio

7:15 AM - 7:30 AM **Move to Session**

GENERAL SESSIONS
Location: Costa Del Sol Ballroom

Session 7: New Drugs and Targets in Prostate Cancer: II

7:30 AM - 8:30 AM

Moderator: Howard Soule, PhD
Prostate Cancer Foundation

7:30 AM - 7:45 AM ***Targeting the WNT5A Receptor ROR1 in Prostate Cancer***

Christina Jamieson, PhD
University of California, San Diego

7:45 AM - 7:50 AM **Discussion**

7:50 AM - 8:05 AM ***Targeting Androgen Receptor and ACK1 Signaling with Novel Epigenetic Therapeutics (R)-9b in Castration-Resistant Prostate Cancer***

Nupam Mahajan, PhD
Washington University

8:05 AM - 8:10 AM **Discussion**

8:10 AM - 8:25 AM ***BXCL701, An Orally Available Innate Immune Activator, in Combination with Pembrolizumab for Patients with NEPC (NEPC; SCPC)***

Vincent O'Neill, MD
Bioxccl Therapeutics

8:25 AM - 8:30 AM **Discussion**

Saturday, October 26, 2019

Session 8: AI and Machine Learning in Cancer Research and Development

8:30 AM - 9:55 AM

Moderator: Marco Gottardis, PhD
Janssen Research & Development, LLC

8:30 AM - 8:35 AM **Introduction**

8:35 AM - 8:50 AM ***Multi-Modal Learning for AI and IA: Applications to Prostate Cancer***

Ganapati Srinivasa
Omics Data Automation, Inc.

Anthony Chang, PhD
Founder/CEO, BAMF Health

8:50 AM - 8:55 AM **Discussion**

8:55 AM - 9:10 AM ***Synthesis of Biomedical Knowledge and Triangulation of Clinico-Omics Data Sets Over the nference Platform for Prostate Cancer R&D Efforts***

Venky Soundararajan, PhD
nference and Qrativ: Mayo Clinic JV

9:10 AM - 9:15 AM **Discussion**

9:15 AM - 9:30 AM ***The First Clinical-Grade AI for Prostate Cancer Detection: Impact on Pathologists and Patients***

Thomas Fuchs, Dr. Sc.
Paige

9:30 AM - 9:35 AM **Discussion**

9:35 AM - 9:50 AM ***Artificial Intelligence at Concerto HealthAI***

Francois Charest, PhD
Concerto HealthAI

9:50 AM - 9:55 AM **Discussion**

Session 9: Attacking Prostate Cancer with T-Cell Engagers and Antibody-Drug Conjugates

9:55 AM - 11:15 AM

Moderator: Hosein Kouros-Mehr, MD, PhD
Amgen

9:55 AM - 10:10 AM ***STEAP1 as a Therapeutic and Diagnostic Target in Prostate Cancer***

Daniel Danila, MD
Memorial Sloan Kettering Cancer Center

10:10 AM - 10:15 AM **Discussion**

Saturday, October 26, 2019

10:15 AM - 10:30 AM ***CD46 as a Novel Target in Metastatic Castration Resistant Prostate Cancer***

Rahul Aggarwal, MD

University of California, San Francisco

10:30 AM - 10:35 AM **Discussion**

10:35 AM - 10:50 AM ***Phase 1 Trial of HPN424: A half-life extended, PSMA/CD3-specific TriTAC***

Natalie Sacks, MD

Harpoon Therapeutics

10:50 AM - 10:55 AM **Discussion**

10:55 AM - 11:10 AM ***Bispecific T-Cell Engager Immune Therapies for the Treatment of Prostate Cancer***

Hosein Kouros-Mehr, MD, PhD

Amgen

11:10 AM - 11:15 AM **Discussion**

Closing Remarks

11:15 AM - 11:25 AM

Howard Soule, PhD

Prostate Cancer Foundation

Jonathan W. Simons, MD

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)

Jonathan W. Simons, MD (Prostate Cancer Foundation)

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

Hosein Kouros-Mehr, MD, PhD (Amgen)

Lorelei Mucci, ScD (Harvard T.H. Chan School of Public Health)

Elizabeth Platz, MPH, ScD (Johns Hopkins Bloomberg School of Public Health and the Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins)

Eric Small, MD (University of California, San Francisco)

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