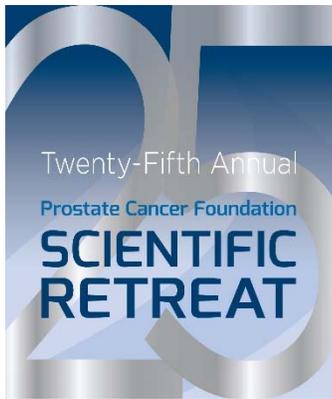


***25th Annual Prostate Cancer Foundation
Scientific Retreat***

October 26 - 28, 2018

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



AGENDA

Friday, October 26, 2018

GENERAL SESSIONS

Location: Costa Del Sol Ballroom

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

Welcome & Introduction

2:00 PM - 2:10 PM

Howard Soule, PhD
Prostate Cancer Foundation

Session 1: Neuronal Control of Prostate Cancer Progression

2:10 PM - 3:30 PM

Moderator: Paul Frenette, MD
Albert Einstein College of Medicine

2:10 PM - 2:25 PM

Adrenergic Nerves Activate an Angio-Metabolic Switch in Prostate Cancer

Paul Frenette, MD
Albert Einstein College of Medicine

Clinical Trial of a Beta Blocker in Prostate Cancer

Benjamin Gartrell, MD
Albert Einstein College of Medicine; Montefiore Medical Center

2:25 PM - 2:30 PM

Discussion

2:30 PM - 2:45 PM

Influence of the Neural Microenvironment on Prostate Cancer

Michael Ittmann, MD, PhD
Baylor College of Medicine

2:45 PM - 2:50 PM

Discussion

2:50 PM - 3:05 PM

Neural Control of Cancer

Patrick Mantyh, PhD, JD
The University of Arizona Cancer Center

3:05 PM - 3:10 PM

Discussion

Friday, October 26, 2018

3:10 PM - 3:25 PM ***Sympathetic Nerves, Stress and Anti-Cancer Immunity***
Elizabeth Repasky, PhD

Roswell Park Comprehensive Cancer Center

3:25 PM - 3:30 PM **Discussion**

Session 2: Steroid Receptors in Advanced Prostate Cancer: New Approaches to an Old Target

3:30 PM - 5:15 PM

Moderator: Andrew Armstrong, MD, ScM

Duke University

3:30 PM - 3:50 PM ***SPECIAL LECTURE: If We Knew 20 Years Ago What We Know Now, Would We Have Targeted the Androgen Signaling Pathway in Prostate Cancer Differently?***

Donald McDonnell, PhD

Duke University School of Medicine

3:50 PM - 3:55 PM **Discussion**

3:55 PM - 4:10 PM ***Moving Beyond the Androgen Receptor: Targeting Transcriptional Coregulators for the Treatment of Castration-Resistant Prostate Cancer***

Salma Kaochar, PhD

Baylor College of Medicine

4:10 PM - 4:15 PM **Discussion**

4:15 PM - 4:30 PM ***Surprising Aspects of Androgen and Glucocorticoid Receptor Crosstalk Revealed by Selective Receptor Antagonism***

Suzanne Conzen, MD

University of Chicago

4:30 PM - 4:35 PM **Discussion**

4:35 PM - 4:50 PM ***The PROPHECY Study: AR-V7, Tumor Heterogeneity, and Hormonal Resistance in Metastatic Prostate Cancer***

Andrew Armstrong, MD, ScM

Duke University

4:50 PM - 4:55 PM **Discussion**

4:55 PM - 5:10 PM ***In the Thicket of an Aberrant Genome: Interpreting the Role of AR-V7***
Jun Luo, PhD

Johns Hopkins University

5:10 PM - 5:15 PM **Discussion**

Friday, October 26, 2018

Session 3: PSMA-Targeted Theranostics for Prostate Cancer

5:15 PM - 6:20 PM

Moderator: Scott Tagawa, MD
Weill Cornell Medicine

5:15 PM - 5:35 PM

SPECIAL LECTURE: PSMA Theranostics: Latest Evidence-Base, Promise and Uncertainties

Michael Hofman, MBBS
Peter MacCallum Cancer Centre, Australia

5:35 PM - 5:40 PM

Discussion

5:40 PM - 5:55 PM

Elucidating Mechanisms of Effectiveness and Resistance to PSMA Targeted RadioLigand Therapy (RLT) using ¹⁷⁷Lu-PSMA-617

Jeremie Calais, MD
University of California, Los Angeles

5:55 PM - 6:00 PM

Discussion

6:00 PM - 6:15 PM

Optimization of PSMA-Targeted Radionuclide Therapy

Scott Tagawa, MD
Weill Cornell Medicine

6:15 PM - 6:20 PM

Discussion

SPECIAL LECTURE

6:20 PM - 6:35 PM

Results from TRITON2: Treatment of mCRPC with Rucaparib

Alan Bryce, MD

Mayo Clinic

Introduced by Charles Ryan, MD

University of Minnesota

6:35 PM - 6:40 PM

Discussion

Friday, October 26, 2018

Dinner

7:00 PM - 8:00 PM

Dinner Location: Costa Del Sol Patio

Poster Session and Dessert

8:00 PM - 10:30 PM

Poster Session and Dessert Location: Costa Del Sol AB & Foyer

Saturday, October 27, 2018

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

PANEL DISCUSSION

8:00 AM – 9:00 AM

Principles and Practice (Challenges) of 2018 Precision Oncology in Advanced Prostate Cancer 4 Nano CPCs: CDK12^{-/-}, BRCA2^{-/-}, AKT-1^{E17K}, and SLC43-BRAF Fusion

Introduction: Jonathan W. Simons, MD

Prostate Cancer Foundation

Moderator: Himisha Beltran, MD

Harvard: Dana-Farber Cancer Institute

Panelists:

Ajjai Alva, MD (University of Michigan)

Bruce Montgomery, MD (University of Washington; VA Puget Sound)

Vaibhav Patel, MD (Icahn School of Medicine at Mount Sinai Hospital)

Matthew Rettig, MD (University of California, Los Angeles)

Gerhardt Attard, MD, PhD (University College London Cancer Institute, UK)

9:00 AM - 9:05 AM Break

Saturday, October 27, 2018

SPECIAL LECTURE

9:05 AM - 9:20 AM

VAlor Awards and VA Center of Excellence Update

Bruce Montgomery, MD

University of Washington; VA Puget Sound

Matthew Rettig, MD

University of California, Los Angeles

*Introduced by Jonathan W. Simons, MD
Prostate Cancer Foundation*

9:20 AM - 9:25 AM

Discussion

SPECIAL LECTURE

9:25 AM - 9:55 AM

**The Evolving Landscape of Life-Prolonging Treatments for Advanced Prostate Cancer:
The New World Order**

Maha Hussain, MD, FACP, FASCO

Robert H. Lurie Comprehensive Cancer Center Northwestern University

*Introduced by Felix Feng, MD
University of California, San Francisco*

9:55 AM - 10:00 AM

Discussion

Saturday, October 27, 2018

SPECIAL LECTURE

10:00 AM - 10:40 AM

State of the Science 2018

Jonathan W. Simons, MD

Prostate Cancer Foundation

Introduced by Howard Soule, PhD

Prostate Cancer Foundation

10:40 AM - 10:45 AM

Discussion

SPECIAL RECOGNITION OF NOBEL PRIZE

10:45 AM - 10:55 AM

James Allison, PhD

The University of Texas MD Anderson Cancer Center

2018 Nobel Prize in Medicine

Padmanee Sharma, MD, PhD

The University of Texas MD Anderson Cancer Center

Introduced by Howard Soule, PhD

Prostate Cancer Foundation

Saturday, October 27, 2018

KEYNOTE ADDRESS

10:55 AM - 11:55 AM

Michael Milken

Founder and Chairman
Prostate Cancer Foundation

*Introduced by Stuart Holden, MD
Prostate Cancer Foundation*

Group Photo

11:55 AM - 12:10 PM

Location: Costa Del Sol Foyer

Lunch

12:10 PM - 12:50 PM

Location: Costa Del Sol Patio

12:50 PM - 1:00 PM **Move to Session 4**

Location: Costa Del Sol Ballroom

Session 4: New Insights into the Biology and Role of Prostate Cancer Stem Cells

1:00 PM - 2:20 PM

Moderator: Rakesh Heer, MBBS, PhD
Newcastle University, UK

1:00 PM - 1:15 PM ***Inflammation, Aging and Prostate Progenitor Cells***

Andrew Goldstein, PhD
University of California, Los Angeles

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

Saturday, October 27, 2018

- 1:20 PM - 1:35 PM ***Multipotent Basal Stem Cells, Maintained in Localized Proximal Niches, Support Directed Long-Ranging Epithelial Flows in Human Prostates***
Rakesh Heer, MBBS, PhD
Newcastle University, UK
- 1:35 PM - 1:40 PM **Discussion**
- 1:40 PM - 1:55 PM ***Cellular Plasticity and the Neuroendocrine Phenotype in Prostate Cancer***
Amina Zubeidi, PhD
Vancouver Prostate Centre
- 1:55 PM - 2:00 PM **Discussion**
- 2:00 PM - 2:15 PM ***Organoids as a New Model System for Cancer Research***
Benedetta Artegiani, PhD
Hubrecht Institute, Netherlands
- 2:15 PM - 2:20 PM **Discussion**

SPECIAL LECTURE

2:20 PM - 2:35 PM

Canine and Machine Olfaction in Human Prostate Cancer Diagnosis

Claire Guest, HonDSc

Medical Detection Dogs

Andreas Mershin, PhD

Massachusetts Institute of Technology

Introduced by Thomas Johnson

Prostate Cancer Foundation

2:35 PM – 2:40 PM

Discussion

Saturday, October 27, 2018

Session 5: Ecology of Prostate Cancer

2:40 PM - 3:40 PM

Moderator: Kenneth Pienta, MD
Johns Hopkins University

2:40 PM - 2:55 PM ***The Changing Primary Tumor Environment – Why an Invasive Species Migrates***

Kenneth Pienta, MD
Johns Hopkins University

2:55 PM - 3:00 PM **Discussion**

3:00 PM - 3:15 PM ***Resistance is Not Inevitable – Lessons from Pest Management***

Christopher Whelan, PhD
The Moffitt Cancer Center; University of Illinois at Chicago

3:15 PM - 3:20 PM **Discussion**

3:20 PM - 3:35 PM ***Cancer Therapy, Adapting to Change the Game***

Robert Gatenby, MD
The Moffitt Cancer Center

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

Session 6: Racial Disparities in Prostate Cancer Treatment and Outcomes: Biology or Access to Care

3:40 PM - 5:00 PM

Moderator: Susan Halabi, PhD
Duke University

3:40 PM - 3:55 PM ***Impact of Black Race on Prostate Cancer-Specific and Other-Cause Mortality***

Daniel Spratt, MD
University of Michigan

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

4:00 PM - 4:15 PM ***Clinical Outcomes between Black and White Men with Metastatic Castration Resistant Prostate Cancer***

Susan Halabi, PhD
Duke University

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

Saturday, October 27, 2018

- 4:20 PM - 4:35 PM ***Sipuleucel-T in African American Men: Updated Overall Survival Analysis***
Oliver Sartor, MD
Laborde Professor for Cancer Research, Tulane Medical School
- 4:35 PM - 4:40 PM **Discussion**
- 4:40 PM - 4:55 PM ***Metastatic Prostate Cancer Outcomes from National Data on Veterans Treated with Abiraterone and Enzalutamide***
Tito Fojo, MD, PhD
Columbia University; James J Peter VA Cancer Center
- 4:55 PM - 5:00 PM **Discussion**

Saturday, October 27, 2018

Dinner, Awards Ceremony, and Dinner Speaker

7:00 PM - 10:00 PM

Location: Costa Del Sol Ballroom

DINNER SPEAKER

8:00 PM - 8:20 PM

Eric Topol, MD

Scripps Research

Introduced by: Eric Klein, MD

Cleveland Clinic Foundation

PCF AWARDS CEREMONY

8:45 PM - 9:30 PM

2018 PCF Young Investigator Awards

2018 PCF VALor Precision Oncology Center of Excellence Awards

2018 Movember Foundation-PCF Challenge Awards



**MOVEMBER[®]
FOUNDATION**

2018 PCF Challenge Awards

2017 PCF Challenge Awards

Sunday, October 28, 2018

6:00 AM - 7:30 AM ***Breakfast***

Location: Costa Del Sol Patio

7:30 AM - 7:45 AM **Move to Session**

GENERAL SESSIONS
Location: Costa Del Sol Ballroom

SPECIAL LECTURE

7:45 AM - 7:55 AM

ESMO Hot Points

Silke Gillessen, MD

University of Manchester, UK

Introduced by Howard Soule, PhD
Prostate Cancer Foundation

7:55 AM - 8:00 AM

Discussion

Session 7: Translational Research on WNT Signaling in Normal and Tumor Cell Biology

8:00 AM - 9:20 AM

Moderator: Steven Balk, MD, PhD

Harvard: Beth Israel Deaconess Medical Center

8:00 AM - 8:15 AM

WNT Signaling in the Development of the Prostate

Gail Prins, PhD

University of Illinois

8:15 AM - 8:20 AM

Discussion

8:20 AM - 8:35 AM

WNT/ β -Catenin Signaling in Prostate Cancer Progression

Rachana Patel, PhD

Beatson Institute for Cancer Research, UK

8:35 AM - 8:40 AM

Discussion

Sunday, October 28, 2018

- 8:40 AM - 8:55 AM ***WNT Signaling Targets in ADT Resistant CRPC***
Xin Yuan, MD, PhD
Harvard: Beth Israel Deaconess Medical Center
- 8:55 AM - 9:00 AM **Discussion**
- 9:00 AM - 9:15 AM ***APC Modulation of Therapy Resistance in Breast Cancer***
Jenifer Prosperi, PhD
University of Notre Dame
- 9:15 AM - 9:20 AM **Discussion**

SPECIAL LECTURE

9:20 AM - 9:35 AM

Movember Foundation Global Prostate Cancer Landscape Analysis

Mark Buzza, PhD

Movember Foundation

Introduced by Howard Soule, PhD

Prostate Cancer Foundation

9:35 AM - 9:40 AM

Discussion

Session 8: Unlocking Innate Immunity for Cancer Therapeutics

9:40 AM - 11:15 AM

Moderator: Marco Gottardis, PhD

Janssen Research & Development, LLC

9:40 AM - 9:45 AM ***Introduction***

Marco Gottardis, PhD

Janssen Research & Development, LLC

9:45 AM - 10:00 AM ***Improving NK Cell Immunotherapy for Cancer***

Martin Felices, PhD

University of Minnesota

10:00 AM - 10:05 AM **Discussion**

Sunday, October 28, 2018

10:05 AM - 10:20 AM ***NK Cell Therapeutics and Possible Implications for Treatment of Prostate Cancer***

James Trager, PhD
NKARTA Therapeutics

10:20 AM - 10:25 AM **Discussion**

10:25 AM - 10:40 AM ***CARISMA: Development of a Macrophage-Based Cancer Therapy***

Michael Klichinsky, PharmD
CARISMA Therapeutics; University of Pennsylvania

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

10:45 AM - 11:00 AM ***Neutrophil Based Cancer Therapeutics***

Alex Blyth
CEO, LIFT BioSciences Ltd

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

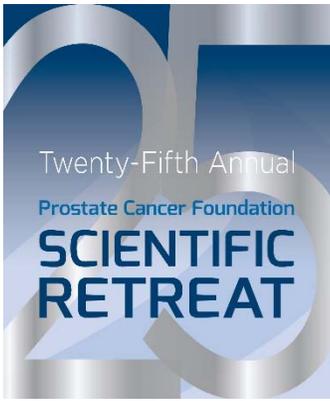
Closing Remarks

11:05 AM - 11:15 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)

Andrew Armstrong, MD, ScM (Duke University)

Steven Balk, MD, PhD (Harvard: Beth Israel Deaconess Medical Center)

Paul Frenette, MD (Albert Einstein College of Medicine)

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

Susan Halabi, PhD (Duke University)

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

Kenneth Pienta, MD (Johns Hopkins University)

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

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