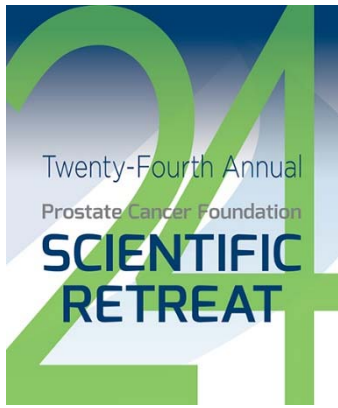


***24th Annual Prostate Cancer Foundation  
Scientific Retreat***

***October 5 - 7, 2017***

***Omni Shoreham Hotel  
Washington D.C.***



# AGENDA

Thursday, October 5, 2017

## GENERAL SESSIONS

Location: Regency Ballroom

8:00 AM

Registration

West Registration Desk

### Welcome & Introduction

2:00 PM - 2:10 PM

Howard Soule, PhD  
Prostate Cancer Foundation

### Session 1: Cell Cycle Dysregulation: Implications for Progression, Plasticity, and Management

2:10 PM - 3:10 PM

Moderator: Karen Knudsen, PhD  
Thomas Jefferson University

2:10 PM - 2:25 PM

*Linking RB/p53 Dysfunction to Prostate Cancer Plasticity and Anti-Androgen Resistance*

David Goodrich, PhD  
Roswell Park Cancer Institute

2:25 PM - 2:30 PM

**Discussion**

2:30 PM - 2:45 PM

*RB Pathway Dysregulation: Mechanisms and Clinical Observations*

Karen Knudsen, PhD  
Thomas Jefferson University

2:45 PM - 2:50 PM

**Discussion**

Thursday, October 5, 2017

2:50 PM - 3:05 PM ***CDK4/6 Inhibitors: Learning from Experiences in Breast Cancer, Other Solid Tumors, and Hematologic Malignancies***  
**Geoffrey Shapiro, MD, PhD**  
Harvard: Dana-Farber Cancer Institute

3:05 PM - 3:10 PM **Discussion**

**Session 2: Precision Medicine and Targeted Therapies**

**3:10 PM - 4:45 PM**

**Moderator: Wassim Abida, MD, PhD**  
Memorial Sloan Kettering Cancer Center

**SPECIAL LECTURE**

**3:10 PM - 3:40 PM**

**Defining the Actionable Genome**

**David Solit, MD**

Memorial Sloan Kettering Cancer Center

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

**Discussion**

3:45 PM - 4:00 PM ***Genomics in Clinical Care of Cancer Patients: Lessons Learned***  
**Vincent Miller, MD**  
Foundation Medicine

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

4:05 PM - 4:20 PM ***Finding Exceptional Responders to Targeted Therapy Using Genomics***  
**Louis Staudt, MD, PhD**  
National Cancer Institute

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

4:25 PM - 4:40 PM ***Liquid Biopsy Analyses for Detection and Characterization of Human Cancer***  
**Victor Velculescu, MD, PhD**  
Johns Hopkins University

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

Thursday, October 5, 2017

**Session 3: 3D Genomics: The Interface of Genomics, Epigenetics, and Cancer Biology**

4:45 PM - 5:45 PM

**Moderator: Ram Mani, PhD**

The University of Texas Southwestern Medical Center

4:45 PM - 5:00 PM ***3D Genome Organization & Transcription Regulation in Cancer Cells***  
**Yijun Ruan, PhD**

The Jackson Laboratory for Genomic Medicine

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

5:05 PM - 5:20 PM ***Enhancer Mediated Transcriptional Dysregulation in Prostate Cancer***  
**Ram Mani, PhD**

The University of Texas Southwestern Medical Center

5:20 PM - 5:25 PM **Discussion**

5:25 PM - 5:40 PM ***Three-Dimensional Genetic and Epigenetic Disorganisation of the Prostate Cancer Genome***

**Susan Clark, PhD**

Garvan Institute of Medical Research, Australia

5:40 PM - 5:45 PM **Discussion**

**Session 4: Making Immunotherapy Work in Prostate Cancer**

5:45 PM - 7:10 PM

**Moderator: James Gulley, MD, PhD**

National Cancer Institute

5:45 PM - 5:50 PM ***Introduction***

**James Gulley, MD, PhD**

National Cancer Institute

5:50 PM - 6:05 PM ***The Immunological Effects of Epigenetic Agents in Prostate Cancer***  
**Charles Drake, MD, PhD**

Columbia University Medical Center

6:05 PM - 6:10 PM **Discussion**

6:10 PM - 6:25 PM ***Promising Immune Checkpoint Inhibitor Combination Studies in Prostate Cancer***

**Ravi Madan, MD**

National Cancer Institute

6:25 PM - 6:30 PM **Discussion**

Thursday, October 5, 2017

- 6:30 PM - 6:45 PM ***STING-Dependant Innate Immune Signaling and Cancer Immunotherapy***  
**Glen Barber, PhD**  
University of Miami Miller School of Medicine
- 6:45 PM - 6:50 PM **Discussion**
- 6:50 PM - 7:05 PM ***PSMA-Targeted CAR T Cells: Results from the First Patients***  
**Carl June, MD**  
University of Pennsylvania, Abramson Cancer Center
- Naomi Haas, MD**  
University of Pennsylvania, Abramson Cancer Center
- 7:05 PM - 7:10 PM **Discussion**
- 7:10 PM - 7:25 PM ***P-PSMA-101: An Autologous CART Therapy Comprised Predominantly of T Stem Cell Memory (Tscm) Cells***  
**Eric Ostertag, MD, PhD**  
Poseida Therapeutics, Inc.
- 7:25 PM - 7:30 PM **Discussion**

**Dinner**

**7:30 PM - 8:30 PM**

***Dinner Location: Palladian & Diplomat Ballrooms***

**Poster Session and Dessert**

**8:30 PM - 11:00 PM**

***Poster Session and Dessert Location: Ambassador Ballroom & Bird Cage Walk***

Friday, October 6, 2017

6:30 AM - 7:30 AM Breakfast

Palladian & Empire Ballrooms

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

**GENERAL SESSIONS**  
Location: Regency Ballroom

**SPECIAL LECTURE**

7:45 AM - 8:00 AM

***Integrated Tumor and Host Profiling in mCRPC: Updates in Single CTC, Tumor Heterogeneity, & T Cell Profiling***

**Ryan Dittamore**

Epic Sciences

*Introduced by Howard Scher, MD*  
Memorial Sloan Kettering Cancer Center

8:00 AM – 8:05 AM

**Discussion**

Friday, October 6, 2017

**SPECIAL LECTURE**

8:05 AM - 8:20 AM

**Where are Disseminated Tumor Cells (DTCs) Hiding  
at the Time of Radical Prostatectomy?**

**Kenneth Pienta, MD**  
Johns Hopkins University

*Introduced by Howard Soule, PhD*  
Prostate Cancer Foundation

8:20 AM – 8:25 AM

**Discussion**

**Session 5: DNA Damage Repair**

8:25 AM - 9:45 AM

**Moderator: Heather Cheng, MD, PhD**  
University of Washington

**SPECIAL LECTURE**

8:25 AM - 9:00 AM

**Finally!**  
**Genetic Analysis of Inherited Predisposition to Prostate Cancer**

**Mary-Claire King, PhD**  
University of Washington

9:00 AM – 9:05 AM

**Discussion**

9:05 AM - 9:20 AM ***Processes of DNA Damage in Localized Prostate Cancer***  
**Paul Boutros, PhD**

9:20 AM - 9:25 AM **Discussion**  
Ontario Institute for Cancer Research

Friday, October 6, 2017

9:25 AM - 9:40 AM ***Implementing Germline Genetics into Prostate Cancer Clinical Care***  
**Heather Cheng, MD, PhD**  
University of Washington

9:40 AM - 9:45 AM **Discussion**

**SPECIAL LECTURE**

**9:45 AM – 10:15 AM**

**State of the Science 2017**

**Jonathan Simons, MD**

Prostate Cancer Foundation

*Introduced by Howard Soule, PhD*

Prostate Cancer Foundation

10:15 AM - 10:20 AM

**Discussion**

**SPECIAL ADDRESS**

**10:20 AM – 10:40 AM**

**The Honorable David Shulkin, MD**

Secretary of Veterans Affairs (VA)

*Introduced by Jonathan Simons, MD*

Prostate Cancer Foundation



Friday, October 6, 2017

**KEYNOTE ADDRESS**

**10:40 AM - 11:40 AM**

**Michael Milken**  
**Founder and Chairman**  
Prostate Cancer Foundation

*Introduced by Stuart Holden, MD*  
University of California, Los Angeles

**Group Photo**

**11:40 AM - 11:50 AM**

**Lunch**

**11:50 AM - 12:50 PM**

***Location: Palladian & Empire Ballrooms***

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

**Regency Ballroom**

Friday, October 6, 2017

**SPECIAL LECTURE**

**1:00 PM - 1:30 PM**

**ER Stress: Remodeling the Tumor Microenvironment**

**Laurie Glimcher, MD**

Harvard: Dana-Farber Cancer Institute

*Introduced by Lorelei Mucci, ScD*

Harvard T.H. Chan School of Public Health; Dana-Farber/Harvard Cancer Center

**1:30 PM - 1:35 PM**

**Discussion**

**Session 6: PSMA Imaging and Radioligand Therapy**

**1:35 PM - 2:35 PM**

**Moderator: Scott Tagawa, MD**

Weill Cornell Medical College

1:35 PM - 1:50 PM

***Targeting PSMA with Antibodies and Antibody Forms***

**Steven Larson, MD**

Memorial Sloan Kettering Cancer Center

1:50 PM - 1:55 PM

**Discussion**

1:55 PM - 2:10 PM

***Low Molecular Weight PSMA-Based Imaging***

**Steve Cho, MD**

University of Wisconsin - Madison

2:10 PM - 2:15 PM

**Discussion**

2:15 PM - 2:30 PM

***PSMA Targeted Radionuclide Therapy for Prostate Cancer***

**Scott Tagawa, MD**

Weill Cornell Medical College

2:30 PM - 2:35 PM

**Discussion**

Friday, October 6, 2017

**Session 7: Meeting Reports**

2:35 PM - 3:35 PM

**Moderator: Howard Soule, PhD**  
Prostate Cancer Foundation

2:35 PM - 2:45 PM

***Second Bi-Annual Strategy Meeting to Accelerate Progress in the Understanding and Treatment of Prostate Cancer; Athens, Greece 2017***

**Christopher Logothetis, MD**  
The University of Texas MD Anderson Cancer Center

2:45 PM - 2:50 PM

**Discussion**

2:50 PM - 3:00 PM

***MARS2: Androgen Receptor Splice Variants Update***

**Ganesh Raj, MD, PhD**  
The University of Texas Southwestern Medical Center at Dallas

3:00 PM - 3:05 PM

**Discussion**

3:05 PM - 3:15 PM

***Report from the 2017 Coffey-Holden Prostate Cancer Academy Meeting, Beyond the Androgen Receptor II: New Approaches to Understanding and Treating Metastatic Prostate Cancer***

**Heather Cheng, MD, PhD**  
University of Washington

3:15 PM - 3:20 PM

**Discussion**

3:20 PM - 3:30 PM

***Overview of the 2017 Advanced Prostate Cancer Consensus Conference (APCCC2017)***

**Silke Gillessen, MD**  
Kantonsspital, Switzerland

3:30 PM - 3:35 PM

**Discussion**

3:35 PM - 3:40 PM

**Break**

Friday, October 6, 2017

**Session 8: Potential Applications of Artificial Intelligence in Prostate Cancer**

3:40 PM - 5:00 PM

**Moderators:**

**Peter Choyke, MD**

National Cancer Institute

**Adam Dicker, MD, PhD**

Thomas Jefferson University

3:40 PM - 4:00 PM

***Machine Learning Methods for Automated MRI Imaging in Prostate Cancer***

**Ronald Summers, MD, PhD**

National Institutes of Health

4:00 PM - 4:20 PM

***Integrating Imaging and Pathologic/Genomic/Biomarker Data Using Machine Learning Methods***

**Anant Madabhushi, PhD**

Case Western Reserve University

4:20 PM - 4:40 PM

***Computational Pathology***

**Thomas Fuchs, PhD**

Memorial Sloan Kettering Cancer Center

4:40 PM - 5:00 PM

***Panel Discussion***

Friday, October 6, 2017

**Dinner, Awards and Dinner Speaker**

7:15 PM - 10:00 PM

*Location: Regency Ballroom*

**DINNER SPEAKER**

7:45 PM - 8:05 PM

**Douglas Lowy, MD**

Acting Director, National Cancer Institute

**PCF AWARDS CEREMONY**

8:30 PM - 9:15 PM

**2017 PCF Young Investigator Awards**

**2017 The Movember Foundation-PCF Challenge Awards**



**2017 PCF Challenge Awards**

**2016 PCF Challenge Awards**

Saturday, October 7, 2017

6:15 AM - 7:15 AM Breakfast

Palladian Ballroom

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

**GENERAL SESSIONS**  
Location: Regency Ballroom

**Interview with a Prostate Cancer Patient: The Journey of Medical Care**

**7:30 AM - 8:00 AM**

**William Dahut, MD**  
National Cancer Institute

*Introduced by Howard Soule, PhD*  
Prostate Cancer Foundation

8:00 AM - 8:05 AM Break

**Session 9: Recent advances in Genetically Engineered Mouse Models (GEMMs) of Lethal Prostate Cancer**

**8:05 AM - 9:05 AM**

**Moderator: Cory Abate-Shen, PhD**  
Columbia University Medical Center

8:05 AM - 8:20 AM ***Synthetic Essentiality: Targeting Cancer-Specific Vulnerabilities***

**Ronald DePinho, MD**  
The University of Texas MD Anderson Cancer Center

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

8:25 AM - 8:40 AM ***Lineage Plasticity as a New Mechanism for Drug Resistance***

**Cory Abate-Shen, PhD**  
Columbia University Medical Center

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

Saturday, October 7, 2017

8:45 AM - 9:00 AM ***Genetics & Metabolic Requirements for Metastatic Prostate Cancer***  
**Pier Paolo Pandolfi, MD, PhD**

Beth Israel Deaconess Medical Center; Harvard Medical School

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

**Session 10: New Platforms to Attack Undruggable Targets**

**9:05 AM – 10:55 AM**

**Moderator: Marco Gottardis, PhD**

Janssen Research & Development, LLC

9:05 AM - 9:15 AM ***Introduction***

**Marco Gottardis, PhD**

Janssen Research & Development, LLC

9:15 AM - 9:30 AM ***STING Pathway Activation to Enhance Cancer Immunity***

**Andrea van Elsas, PhD**

ADURO Biotech, Inc.

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

9:35 AM – 9:50 AM ***T-Stealth Oncolytic Immunotherapy for Solid Tumors***

**Matthew Mulvey, PhD**

BeneVir Biopharm, Inc.

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

9:55 AM - 10:10 AM ***Neoantigen Approaches as Cancer Therapeutics***

**Richard Gaynor, MD**

Neon Therapeutics, Inc.

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

10:15 AM - 10:30 AM ***Novel mRNA Cancer Immunotherapies***

**Robert Jabulowsky, PhD**

BioNTech AG

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

10:35 AM – 10:50 AM ***The Pentarin Miniature Drug Conjugate PEN-221 Selectively Targets the Somatostatin Receptor SSTR2 that is Over Expressed in Neuroendocrine Cancers***

**Richard Wooster, PhD**

Tarveda Therapeutics, Inc.

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

Saturday, October 7, 2017

**SPECIAL LECTURE**

10:55 AM - 11:10 AM

**IronMan –**  
**An International Registry of Men with Advanced Prostate Cancer**

**Philip Kantoff, MD**

Ironman Executive Committee  
Memorial Sloan Kettering Cancer Center

*Introduced by Lorelei Mucci, ScD*

Harvard T.H. Chan School of Public Health; Dana-Farber/Harvard Cancer Center

11:10 AM - 11:15 AM

**Discussion**

**SPECIAL LECTURE**

11:15 AM - 11:25 AM

**A Call to Action:**  
**Towards a Prostate Cancer Disparities & Health Equity Program**

**Franklin Huang, MD, PhD**

Harvard: Dana-Farber Cancer Institute

*Introduced by Felix Feng, MD*

University of California, San Francisco

11:25 AM - 11:30 AM

**Discussion**



Saturday, October 7, 2017

**SPECIAL LECTURE**

11:30 AM - 11:50 AM

**Long Noncoding RNAs:  
The Bright Side of the Genomic Dark Matter**

**Felix Feng, MD**

University of California, San Francisco

*Introduced by Franklin Huang, MD, PhD*

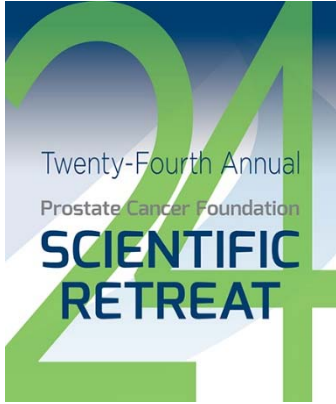
Harvard: Dana-Farber Cancer Institute

11:50 AM - 11:55 AM

**Discussion**

**Meeting Adjourned**

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



## **Program Committee:**

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

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

Cory Abate-Shen, PhD (Columbia University)

Wassim Abida, MD, PhD (Memorial Sloan Kettering Cancer Center)

Heather Cheng, MD, PhD (University of Washington)

Peter Choyke, MD (National Cancer Institute)

Adam Dicker, MD, PhD (Thomas Jefferson University)

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

James Gulley, MD, PhD (National Cancer Institute)

Scott Tagawa, MD (Weill Cornell Medical College)

Karen Knudsen, PhD (Thomas Jefferson University)

Ram Mani, PhD (The University of Texas Southwestern Medical Center)

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

