

28th Annual Prostate Cancer Foundation Scientific Retreat

October 28 - 29, 2021 November 4 - 5, 2021



AGENDA

Thursday, October 28, 2021 *All times in U.S. PDT

VIRTUAL POSTER SESSION

Starting on Thursday October 28, 2021, 12:01 AM U.S. PDT

GENERAL SESSIONS

Welcome & Opening Remarks 7:00 AM - 7:04 AM

> Howard Soule, PhD Prostate Cancer Foundation

<u>Session 1: Dr. Andrew Hruszkewycz Memorial Session on Measuring and Targeting</u> <u>Lineage Plasticity to Prevent Lethal Prostate Cancer</u> 7:04 AM - 8:30 AM

> Moderator: Andrew Armstrong, MD, ScM Duke University

A Tale of Two Evasions: Lineage Plasticity and Tumor Heterogeneity **Ping Mu, PhD** UT Southwestern Medical Center at Dallas

Measuring CRPC Cellular Heterogeneity at the Single Cell Level to Inform Treatment Strategies Eliezer Van Allen, MD, PhD Harvard: Dana-Farber Cancer Institute

Measuring Lineage Plasticity and Heterogeneity in mCRPC with Liquid Biopsies to Inform Treatment Andrew Armstrong, MD, ScM Duke University

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Targeting Transformed Neuroendocrine Cells to Overcome Treatment Resistance Amina Zoubeidi, PhD Vancouver Prostate Centre, Canada

Followed by Live Session Discussion

8:30 AM - 8:45 AM BREAK, Please Return to the Virtual Lobby to Join the Next Session

<u>Session 2: Therapeutic Degraders as a New Class of Prostate Cancer Treatments</u> 8:45 AM - 9:25 AM

Moderator: Howard Soule, PhD Prostate Cancer Foundation

Targeting Enhancer Addiction in Prostate Cancer by Impeding Chromatin Accessibility Arul M. Chinnaiyan, MD, PhD University of Michigan, Michigan Center for Translational Pathology

Clinical Development of ARV-110, a Novel AR Degrader, in Prostate Cancer **Debbie Chirnomas, MD, MPH** Arvinas, Inc.

Followed by Live Session Discussion

9:25 AM - 9:40 AM BREAK, Please Return to the Virtual Lobby to Join the Next Session

<u>Session 3: PSMA Theranostics: The New Age of Prostate Cancer Imaging and Treatment</u> 9:40 AM - 12:00 PM

Moderator: Michael Hofman, MBBS

Peter MacCallum Cancer Centre; Prostate Cancer Theranostics and Imaging Centre of Excellence (ProSTIC), Australia

LuPSMA: The Newest Treatment Class for Advanced Prostate Cancer Michael Hofman, MBBS

Peter MacCallum Cancer Centre; Prostate Cancer Theranostics and Imaging Centre of Excellence (ProSTIC), Australia

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Results from the PRINCE Trial: Testing the Combination of LuPSMA with Pembrolizumab in mCRPC Shahneen Sandhu, MBBS Peter MacCallum Cancer Centre, Australia

Targeting Micro-Metastatic Disease with Auger or Alpha Emitters **Ana Kiess, MD, PhD** Johns Hopkins University

The Four Sisters of Terbium: PET & SPECT Imaging and Targeted Alpha- & Beta-Therapy **Cristina Müller, PhD, PD** Paul Scherrer Institute, Switzerland

aPROMISE: An Artificial Intelligence Platform to Assist in Standardizing the Detection, Localization and Quantification of Prostate Cancer in PYLARIFY PSMA Scans Aseem Anand, PhD

Imaging-Oncology Biomarker, EXINI Diagnostics AB. Sweden (a wholly owned subsidiary of Lantheus Holdings)

Targeting Fibroblast Activation Protein-alpha (FAP) in Prostate Cancer: Is FAP the Next Theranostic Target after PSMA in Prostate Cancer? Andy Simmons, PhD Clovis Oncology

Insights & Future Predictions from 25 Years of PSMA Research Neil Bander, MD Weill Cornell Medical College

Followed by Live Session Discussion

12:00 PM - 12:15 PM *BREAK, Please Return to the Virtual Lobby to Join the Live Poster Discussion Session*

VIRTUAL POSTER SESSION 1 12:15 PM - 1:45 PM

Come to the Poster Hall for Live Discussions with Virtual Poster Session 1 Presenters

PCF DOCTOR-PATIENT SUMMIT: Live from the Scientific Retreat 1:00 PM - 3:00 PM

END DAY

Friday, October 29, 2021

Session 4: Prostate Cancer Disparities

7:00 AM - 8:40 AM

Moderator: Kosj Yamoah, MD, PhD Moffitt Cancer Center

Overview on Prostate Cancer Disparities in African Americans: Lessons from the VA Health System and VANDAAM Study Kosj Yamoah, MD, PhD Moffitt Cancer Center Isla Garraway, MD, PhD University of California, Los Angeles; VA Greater Los Angeles Healthcare System

Epidemiologic Aspects of Prostate Cancer in Black Men and Men of African Ancestry **Lorelei Mucci, ScD** Harvard T.H. Chan School of Public Health

Disparities in Metastatic Prostate Cancer and Opportunities to Exploit Biology to Improve Outcomes Franklin Huang MD, PhD University of California, San Francisco

Evidence and Solutions in Access with Equitable Health Care as a Contributor to Prostate Cancer Disparities Brandon Mahal, MD University of Miami

The Importance of Clinical Trial Diversity & Lessons from the COVID-19 Vaccine Trial **Sandra Amaro, MBA** Pfizer

Followed by Live Session Discussion

8:40 AM - 8:55 AM BREAK, Please Return to the Virtual Lobby to Join the Next Session

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Session 5: Prostate Cancer Survivorship

8:55 AM - 10:45 AM

Moderator: Alicia Morgans, MD, MPH Harvard: Dana-Farber Cancer Institute

Prostate Cancer Survivorship: New Programs and Strategies Alicia Morgans, MD, MPH Harvard: Dana-Farber Cancer Institute

Updates and Preliminary Results from the PCF-SURECaP Survivorship Working Group Initiatives: COGCaP and ARACOG Charles J. Ryan, MD University of Minnesota; Prostate Cancer Foundation

Sleep Dysfunction and Prostate Cancer Stacy Loeb, MD, MSc, PhD (Hon) New York University; Manhattan Veterans Affairs Hospital

Utilization of an "Exercise is Medicine" Approach to Optimize Treatment and Health Outcomes among Prostate Cancer Survivors Christina Dieli-Conwright, PhD, MPH Harvard: Dana-Farber Cancer Institute

Prostate Cancer Survivorship at the VA: Leveraging Existing Veterans' Data to Improve Cardiovascular and Bone Health Ravi Parikh, MD, MPP

University of Pennsylvania; The Corporal Michael J. Crescenz VA Medical Center

Patient Perspective - ADT, Exercise and QoL Joël Pointon, MPH Patient and Advocate

Followed by Live Session Discussion

<u>Special Lecture: ADT and CV Risk: Why Relugolix?</u> 10:45 AM - 11:05 AM

Neal Shore, MD Carolina Urologic Research Center GenesisCare, US

Introduced and Moderated by Howard Soule, PhD Prostate Cancer Foundation

Followed by Live Discussion

Friday, October 29, 2021

11:05 AM - 11:20 AM BREAK, Please Return to the Virtual Lobby to Join the Next Session

<u>Session 6: Predicting Risk of Prostate Cancer with Polygenic Scores</u> 11:20 AM - 12:20 PM

Moderator: Tyler Seibert, MD, PhD University of California, San Diego

Genetic Risk Prediction for Prostate Cancer **Christopher Haiman, ScD** University of Southern California

Genetic Risk Stratification for Prostate Cancer: Genomics, Ancestry, and Disparities Tyler Seibert, MD, PhD University of California, San Diego

A Healthy Lifestyle in Men with a High Prostate Cancer Polygenic Risk Score **Anna Plym, PhD** Brigham and Women's Hospital and Harvard T.H. Chan School of Public Health

Followed by Live Session Discussion

12:20 PM - 12:30 PM *BREAK, Please Return to the Virtual Lobby to Join the Live Poster Discussion Session*

VIRTUAL POSTER SESSION 2 12:30 PM - 2:00 PM

Come to the Poster Hall for Live Discussions with Virtual Poster Session 2 Presenters

END DAY

Thursday, November 4, 2021

<u>Session 7: Next Generation Precision Medicine</u> 7:00 AM - 8:10 AM

Moderator: Felix Feng, MD University of California, San Francisco

A Multi-Omic Perspective on mCRPC **Felix Feng, MD** University of California, San Francisco

Using Genomics and Histopathology to Understand Therapeutic Responses in Prostate Cancer Joel Greshock Janssen Oncology

Lessons from Esophageal Cancer Genomics **Rebecca Fitzgerald, PhD** University of Cambridge, United Kingdom

Followed by Live Session Discussion

8:10 AM - 8:25 AM BREAK, Please Return to the Virtual Lobby to Join the Next Session

<u>PCF WOMEN IN SCIENCE AWARD LECTURE: Tumor Suppressors Reimagined: Converting</u> <u>Understanding of RB Action into Translational Potential</u>

8:25 AM - 9:10 AM

Karen Knudsen, MBA, PhD American Cancer Society

Introduced and moderated by Andrea Miyahira, PhD and Howard Soule, PhD Prostate Cancer Foundation

Followed by Live Discussion

Thursday, November 4, 2021

KEYNOTE ADDRESS 9:10 AM - 10:10 AM

Michael Milken

Founder and Chairman Prostate Cancer Foundation

Introduced by Stuart Holden, MD Prostate Cancer Foundation

10:10 AM - 10:25 AM BREAK, Please Return to the Virtual Lobby to Join the Next Session

<u>SPECIAL LECTURE: Oncology: A Storied Past and Portentous Future</u> 10:25 AM - 11:00 AM

Anna Barker, PhD

Lawrence J. Ellison Institute for Transformative Medicine of the University of Southern California

Introduced and moderated by Howard Soule, PhD Prostate Cancer Foundation

Followed by Live Discussion

<u>SPECIAL LECTURE</u> 11:00 AM - 11:40 AM

<u>PCF 3.0: Serving the Science, the Scientist and the Patient</u> Charles J. Ryan, MD Prostate Cancer Foundation

> Introduced and moderated by Howard Soule, PhD Prostate Cancer Foundation

> > Followed by Live Discussion

Thursday, November 4, 2021

<u>Session 8: Glucocorticoid Receptor Biology in Castration Resistant Prostate Cancer</u> 11:40 AM -12:40 PM

Moderator: Nima Sharifi, MD Cleveland Clinic

Acquired Defects in Glucocorticoid Metabolism in Enzalutamide-Resistant Prostate Cancer Nima Sharifi, MD Cleveland Clinic

Targeting the Glucocorticoid Receptor Pathway in CRPC Suzanne D. Conzen, MD UT Southwestern Medical Center

Diverse Roles of the Androgen Receptor in Breast and Prostate Cancer **Wayne Tilley, PhD** University of Adelaide, Australia

Followed by Live Session Discussion

12:40 PM - 1:00 PM BREAK, Please Return to the Virtual Lobby to Join the Live Poster Discussion Session

VIRTUAL POSTER SESSION 3 1:00 PM - 2:30 PM

Come to the Poster Hall for Live Discussions with Virtual Poster Session 3 Presenters

END DAY

Friday, November 5, 2021

<u>Session 9: Real World Evidence and Synthetic/Virtual Control Arms</u> 7:00 AM - 8:00 AM

Moderator: Julie Lynch, PhD, RN, MBA VINCI Precision Medicine, Salt Lake City VA & University of Utah

Opportunities and Pitfalls of Conducting Prostate Cancer Research using Big Data in the VA Julie Lynch, PhD, RN, MBA VINCI Precision Medicine, Salt Lake City VA & University of Utah

Analysis of the VA Prostate Cancer Data: A Valuable Resource that can now be Leveraged by Everyone Tito Fojo, MD, PhD Columbia University and the James J. Peters VAMC

Using Real World Evidence to Drive Stakeholder Decisions in Oncology Michael Spencer, MSc Janssen Oncology

Followed by Live Session Discussion

<u>Special Lecture: Tumor Metabolism as a Driver and Treatment Target in Prostate Cancer</u> 8:00 AM - 8:35 AM

Massimo Loda, MD

Weill Cornell Medicine

Introduced and moderated by Howard Soule, PhD Prostate Cancer Foundation

Followed by Live Discussion

8:35 AM - 8:50 AM BREAK, Please Return to the Virtual Lobby to Join the Next Session

<u>Session 10: Widening the Aperture; New Approaches for Immunotherapy in Prostate</u> <u>Cancer</u> 8:50 AM - 10:35 AM

Moderator: Amy Moran, PhD Oregon Health & Science University

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A T Cell Intrinsic Role for Androgen Receptor Signaling and Immunotherapy Resistance Amy Moran, PhD Oregon Health & Science University

Checkpoint Immunotherapy in mCRPC with CDK12-Loss **Ajjai Alva, MD** University of Michigan

MGC018, an Anti-B7-H3 Antibody-Drug Conjugate (ADC), in Patients With mCRPC: Preliminary Results of Phase 1 Cohort Expansion **Chet Bohac, PharmD, MD, MSc** MacroGenics, Inc.

Targeting DLL3 with a Bi-Specific T Cell Engager: AMG 757 in De Novo and Treatment-Emergent Small Cell Neuroendocrine Prostate Cancer Rahul Aggarwal, MD University of California, San Francisco

Advancing the Frontiers of T-Cell Redirecting Agents in Prostate Cancer Oliver Sartor, MD Tulane University

Followed by Live Session Discussion

10:35 AM - 10:50 AM BREAK, Please Return to the Virtual Lobby to Join the Next Session

<u>Session 11: Novel Technologies to Overcome the Suppressive Tumor Microenvironment</u> 10:50 AM - 12:15 PM

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

Introduction **Marco Gottardis, PhD** Janssen Research & Development, LLC

Improving CAR Responses against Solid Tumors with Conditional Payload Delivery **Gus Zeiner, PhD** Chimera Bioengineering

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Combining Adenosine Pathway Inhibitors with Immunotherapy Agents in Prostate Cancer Peter Fan, PhD Teon Therapeutics

Mobilizing the Immune System with Bispecific Antibodies and Optimized Cytokines John Desjarlais, PhD Xencor

Microenvironment on Demand (MOD) – A Flexible Droplet-Microfluidic Platform to Accelerate Cell/Antibody Therapy Discoveries Maithreyan Srinivasan, PhD Scribe Biosciences

Followed by Live Session Discussion

<u>Closing Remarks</u> 12:15 PM - 12:20 PM

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

Meeting Adjourned



Program Committee:

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

Andrew Armstrong, MD, ScM (Duke University)
Paul Boutros, PhD (University of California, Los Angeles)
Marco Gottardis, PhD (Janssen Research & Development, LLC)
Michael Hofman, MBBS (Peter MacCallum Cancer Centre; Prostate Cancer Theranostics and Imaging Centre of Excellence (ProSTIC), Australia)
Alicia Morgans, MD, MPH (Harvard: Dana-Farber Cancer Institute)
Nima Sharifi, MD (Cleveland Clinic)
Kosj Yamoah, MD, PhD (Moffitt Cancer Center)

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