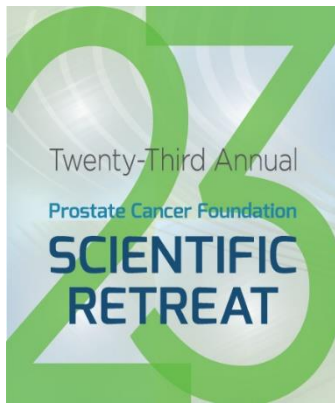


***23rd Annual Prostate Cancer Foundation
Scientific Retreat***

October 27 - 29, 2016

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



AGENDA

Thursday, October 27, 2016

GENERAL SESSIONS

Location: Costa Del Sol Ballroom

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

Welcome & Introduction

1:30 PM - 1:40 PM

Howard Soule, PhD
Prostate Cancer Foundation

Session 1: New Treatments in Prostate Cancer

1:40 PM - 3:00 PM

Moderator: Joshua Lang, MD
University of Wisconsin Carbone Cancer Center

1:40 PM - 1:55 PM ***Biomarker-Driven Contexts of Use for a TROP2 Antibody-Drug Conjugate in Prostate Cancer***

Joshua Lang, MD
University of Wisconsin Carbone Cancer Center

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

2:00 PM - 2:15 PM ***Understanding PREX2 and PTEN in Cancer***

Ramon Parsons, MD, PhD
Icahn School of Medicine at Mount Sinai

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

2:20 PM - 2:35 PM ***IRE1 Signaling Drives Prostate Cancer***

Fahri Saatcioglu, PhD
University of Oslo

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

Thursday, October 27, 2016

- 2:40 PM - 2:55 PM ***ROR- γ Nuclear Receptor as a New Therapeutic Target in Advanced CRPC***
Hongwu Chen, PhD
University of California, Davis
- 2:55 PM - 3:00 PM **Discussion**

Session 2: Prostate Cancer Research in the Netherlands

3:00 PM - 4:00 PM

Moderators:

Guido Jenster, PhD

Erasmus Medical Centre, The Netherlands

Jack Schalken, PhD

Radboud University Medical Centre, The Netherlands

- 3:00 PM - 3:15 PM ***Prostate Cancer Grading Beyond Gleason Score: 3D, Molecular and Clinical Perspective***

Arno van Leenders, MD, PhD

Erasmus Medical Centre, The Netherlands

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

- 3:20 PM - 3:35 PM ***Epigenetics in Prostate Cancer: From Prognostication to Tailored Therapy***

Wilbert Zwart, PhD

Netherlands Cancer Institute, The Netherlands

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

- 3:40 PM - 3:55 PM ***Identifying Factors Governing Androgen Therapy Resistance Through Transdifferentiation, an Organoid Approach***

Wouter Karthaus, PhD

Memorial Sloan Kettering Cancer Center

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

Session 3: Radium for CRPC

4:00 PM - 5:20 PM

Moderator:

James Gulley, MD, PhD

National Cancer Institute

- 4:00 PM - 4:15 PM ***Radium-223: Is Bone Targeted Therapy Meeting its Full Potential?***

Michael Morris, MD

Memorial Sloan Kettering Cancer Center

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

Thursday, October 27, 2016

- 4:20 PM - 4:35 PM ***Radiation Induced Immunogenic Modulation: Insights for Combination Therapy***
James Gulley, MD, PhD
National Cancer Institute
- 4:35 PM - 4:40 PM **Discussion**
- 4:40 PM - 4:55 PM ***Targeting the Bone Compartment in Metastatic Prostate Cancer***
Nora Navone, MD, PhD
The University of Texas MD Anderson Cancer Center
- 4:55 PM - 5:00 PM **Discussion**
- 5:00 PM - 5:15 PM ***Radium-223: A Novel Approach to Prevention and Early Treatment of Bone Metastases from Prostate Cancer***
Robert Coleman, MD
University of Sheffield, UK
- 5:15 PM - 5:20 PM **Discussion**

Session 4: Cancer Immunotherapy: Overcoming T Cell Exhaustion in the Tumor Microenvironment
5:20 PM - 7:40 PM

Moderator: William Redmond, PhD
Providence Portland Medical Center

- 5:20 PM - 5:35 PM ***Immune Suppression in the Tumor Microenvironment of Pancreatic Cancer***
Sunil Hingorani, MD, PhD
Fred Hutchinson Cancer Research Center
- 5:35 PM - 5:40 PM **Discussion**
- 5:40 PM - 5:55 PM ***DNA Repair, the Immune Response and Therapeutic Strategies***
Johann de Bono, MD, PhD
Royal Marsden Hospital, UK
- 5:55 PM - 6:00 PM **Discussion**
- 6:00 PM - 6:15 PM ***Overcoming T-cell Exhaustion in Prostate Cancer***
Haydn Kissick, PhD
Emory University School of Medicine
- 6:15 PM - 6:20 PM **Discussion**
- 6:20 PM - 6:35 PM ***PD-1 Blockade in Prostate Cancer***
Julie Graff, MD
Oregon Health & Science University
- 6:35 PM - 6:40 PM **Discussion**

Thursday, October 27, 2016

- 6:40 PM - 6:55 PM ***MMR Mutations and Microsatellite Instability in Prostate Cancer***
Colin Pritchard, MD, PhD
University of Washington
- 6:55 PM - 7:00 PM **Discussion**
- 7:00 PM - 7:15 PM ***DNA Damage Histological Score & Checkpoint Immunotherapy***
Mark Linch, MD, PhD
University College London, UK
- 7:15 PM - 7:20 PM **Discussion**
- 7:20 PM - 7:35 PM ***Novel Immunotherapy Strategies in Prostate Cancer***
Sumit Subudhi, MD, PhD
The University of Texas MD Anderson Cancer Center
- 7:35 PM - 7:40 PM **Discussion**

Dinner

7:40 PM - 8:30 PM

Dinner Location: Costa Del Sol Patio

Poster Session and Dessert

8:30 PM - 11:00 PM

Poster Session and Dessert Location: Costa Del Sol ABC

Friday, October 28, 2016

6:30 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

Panel Discussion:

Precision Clinicopathologic Conference (CPC):

Hype vs. Hope vs. Hypothesis

7:45 AM - 8:45 AM

Moderator: Johann de Bono, MD, PhD

Royal Marsden Hospital, UK

Felix Feng, MD (University of California, San Francisco)

Maha Hussain, MD (Northwestern University)

Christopher Logothetis, MD (University of Texas MD Anderson Cancer Center)

Silke Gillessen, MD (Kantonsspital, Switzerland)

William Nelson, MD, PhD (Johns Hopkins School of Medicine)

Todd Morgan, MD (University of Michigan)

Scott Tomlins, MD, PhD (University of Michigan)

8:45 AM - 8:50 AM Break

Session 5: Immunotherapy for Prostate Cancer

8:50 AM - 10:10 AM

Moderator: Howard Soule, PhD

Prostate Cancer Foundation

Friday, October 28, 2016

- 8:50 AM - 9:05 AM ***Targeting Escape from the NKG2D Pathway with a Novel Cancer Vaccine***
Kai Wucherpfennig, MD, PhD
Dana-Farber Cancer Institute
- 9:05 AM - 9:10 AM **Discussion**
- 9:10 AM - 9:25 AM ***Improving PSMA Specific Eradication of Metastatic Prostate Cancer Using TGF β Resistant CAR T Cells***
Christopher Kloss, PhD
University of Pennsylvania
- 9:25 AM - 9:30 AM **Discussion**
- 9:30 AM - 9:45 AM ***CAR T Cells for Treatment of Solid Tumors***
Saul Priceman, PhD
City of Hope
- 9:45 AM - 9:50 AM **Discussion**
- 9:50 AM - 10:05 AM ***Marrow Infiltrating Lymphocytes: Their Biology and Clinical Implications***
Ivan Borrello, MD
Johns Hopkins Sidney Kimmel Comprehensive Cancer Center
- 10:05 AM - 10:10 AM **Discussion**

SPECIAL LECTURE

10:10 AM - 10:50 AM

State of the Science 2016

Jonathan Simons, MD
Prostate Cancer Foundation

Introduced by Howard Soule, PhD
Prostate Cancer Foundation

10:50 AM - 10:55 AM

Discussion

Friday, October 28, 2016

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: TBD

Lunch

12:10 PM - 1:05 PM

Location: Costa Del Sol Patio

1:05 PM - 1:15 PM **Move to Session 6**

Location: Costa Del Sol Ballroom

Session 6: Targeting DNA Repair Deficiency in Prostate Cancer

1:15 PM - 3:10 PM

Moderator: Bruce Montgomery, MD
University of Washington

1:15 PM - 1:45 PM **Special Lecture: Targeting DNA Repair in Cancer Therapy**

Alan D'Andrea, MD
Harvard Medical School

1:45 PM - 1:50 PM **Discussion**

Friday, October 28, 2016

- 1:50 PM - 2:05 PM ***PARP Inhibitors: Opportunities and Challenges in Prostate Cancer***
Joaquin Mateo, MD
The Institute of Cancer Research, UK
- 2:05 PM - 2:10 PM **Discussion**
- 2:10 PM - 2:25 PM ***Loss of DNA Repair in Prostate Cancer, Lessons from Breast and Ovarian Cancer***
Richard Kennedy, MD, PhD
Queen's University Belfast
- 2:25 PM - 2:30 PM **Discussion**
- 2:30 PM - 2:45 PM ***Platinum Agents in Homologous Recombination Deficiency***
Bruce Montgomery, MD
University of Washington
- Mark Pomerantz, MD**
Dana-Farber Cancer Institute
- 2:45 PM - 2:50 PM **Discussion**
- 2:50 PM - 3:05 PM ***Aggressive Variant Prostate Cancers: Clinical and Molecular Characterization***
Ana Aparicio, MD
The University of Texas MD Anderson Cancer Center
- 3:05 PM - 3:10 PM **Discussion**

Session 7: Targeting Developmental Pathways in Prostate Cancer

3:10 PM - 4:50 PM

Moderator: Carlos Moreno, PhD
Winship Cancer Institute at Emory University

- 3:10 PM - 3:25 PM ***Fundamentals of Canonical and Non-Canonical WNT Signaling in Cancer***
Stuart Aaronson, MD
Mount Sinai Hospital
- 3:25 PM - 3:30 PM **Discussion**
- 3:30 PM - 3:45 PM ***Notch Signaling Promotes Prostate Cancer Metastasis***
Li Xin, PhD
Baylor College of Medicine
- 3:45 PM - 3:50 PM **Discussion**
- 3:50 PM - 4:05 PM ***Molecular Signatures in Circulating Prostate Cancer Cells***
Daniel Haber, MD, PhD
Massachusetts General Hospital Cancer Center
- 4:05 PM - 4:10 PM **Discussion**

Friday, October 28, 2016

4:10 PM - 4:25 PM ***SOX4 in PI3K/AKT and WNT Signaling in Prostate Cancer***

Carlos Moreno, PhD

Winship Cancer Institute at Emory University

4:25 PM - 4:30 PM **Discussion**

4:30 PM - 4:45 PM ***Pharmacologically Targeting WNT Signals in Cancer Stem Cells***

Michael Kahn, PhD

University of Southern California

4:45 PM - 4:50 PM **Discussion**

Special Announcement

4:50 PM - 5:00 PM

PyL Molecular Imaging Clinical Investigation

Mark Baker, JD

Progenics Pharmaceuticals

Friday, October 28, 2016

Dinner, Awards Ceremony, and Special Lecture

7:15 PM - 10:00 PM

Location: Costa Del Sol Ballroom

Special Lecture:

Genomic-Based Medicine and the Impact on Cancer

8:15 PM - 8:35 PM

J. Craig Venter, PhD

Human Longevity, Inc.

Introduced by:

Michael Milken

Prostate Cancer Foundation

PCF Awards Ceremony

8:45 PM - 9:30 PM

Featuring:

PCF Career Recognition Award

Gary Gallick, PhD

University of Texas MD Anderson Cancer Center

Presented by:

Nora Navone, MD

University of Texas MD Anderson Cancer Center

Christopher Logothetis, MD

University of Texas MD Anderson Cancer Center

Saturday, October 29, 2016

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

Location: Costa Del Sol Patio

7:30 AM - 7:45 AM **Move to Session 8**

GENERAL SESSIONS

Location: Costa Del Sol Ballroom

Session 8: New Platforms to Attack the Undruggable Targets

7:45 AM - 9:50 AM

Moderator: Marco Gottardis, PhD

Janssen Research & Development, LLC

7:45 AM - 7:50 AM ***Introduction***

Marco Gottardis, PhD

Janssen Research & Development, LLC

7:50 AM - 8:05 AM ***NK cells and Prostate Cancer***

David Raulet, PhD

University of California, Berkeley

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

8:10 AM - 8:25 AM ***Targeting Recalcitrant Cancer Drivers using Cell-Penetrating Miniproteins***

Gregory Verdine, PhD

Fog Pharmaceuticals, Inc.

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

8:30 AM - 8:45 AM ***PROTACs: Making the Problem Go Away via Induced Protein Degradation***

Craig Crews, PhD

Yale University

8:45 AM - 8:50 AM **Discussion**

8:50 AM - 9:05 AM ***Drugging the Spliceosome: Therapeutic Modulation of Splicing in Human Malignancies***

Markus Warmuth, MD

H3 Biomedicine, Inc.

9:05 AM - 9:10 AM **Discussion**

Saturday, October 29, 2016

- 9:10 AM - 9:25 AM ***Development of a Pyrrole-Imidazole Polyamide for Treatment of Enzalutamide Resistant Prostate Cancer***
Nickolas Nickols, PhD, MD
David Geffen School of Medicine at UCLA
- 9:25 AM - 9:30 AM **Discussion**
- 9:30 AM - 9:45 AM ***Expression Studies Implicate Neuroendocrine Prostate Cancer as a Novel Indication for Rovalpituzumab Tesirine – A Delta-Like Protein 3 (DLL3)-Targeted Antibody-Drug Conjugate (ADC)***
Laura Saunders, PhD
StemCentrx, Inc.
- 9:45 AM - 9:50 AM **Discussion**

Session 9: Precision Survivorship

9:50 AM - 11:05 AM

Moderators:

Alicia Morgans, MD, MPH

Vanderbilt University Medical Center

Charles Ryan, MD

University of California, San Francisco

- 9:50 AM - 9:55 AM ***Introduction***
Alicia Morgans, MD, MPH
Vanderbilt University Medical Center
- 9:55 AM - 10:10 AM ***Cardiovascular Perils of Prostate Cancer Survivorship: A Personalized Approach to Prevention***
Javid Mosehi, MD, PhD
Vanderbilt University Medical Center
- 10:10 AM - 10:15 AM **Discussion**
- 10:15 AM - 10:30 AM ***ADT and the Brain: The Unwanted Target***
Charles Ryan, MD
University of California, San Francisco
- 10:30 AM - 10:35 AM **Discussion**
- 10:35 AM - 11:00 AM **Special Lecture: On the Etiologies of Dementing Diseases Caused by Prions**
Stanley Prusiner, MD
University of California, San Francisco
- 11:00 AM - 11:05 AM **Discussion**

Saturday, October 29, 2016

Session 10: Circulating Tumor DNA: A Model for Public-Private Partnership

11:05 AM - 12:10 PM

Moderator: Gerhardt Attard, MD, PhD

The Institute of Cancer Research and the Royal Marsden NHS Foundation Trust,
UK

11:05 AM - 11:10 AM *Introduction*

Gerhardt Attard, MD, PhD

The Institute of Cancer Research and the Royal Marsden NHS Foundation Trust,
UK

11:10 AM - 11:25 AM *Quantification of Circulating Tumor DNA*

Francesca Demichelis, PhD

University of Trento, Italy

11:25 AM - 11:30 AM *Discussion*

**11:30 AM - 11:45 AM *Circulating Tumor DNA and Clinical Outcomes in mCPRC Patients
Commencing AR-Targeted Therapy***

Alexander Wyatt, PhD

Vancouver Prostate Centre

11:45 AM - 11:50 AM *Discussion*

**11:50 AM - 12:05 PM *Early Cancer Detection with Cell-Free Nucleic Acids: Challenges and
Opportunities for Prostate Cancer***

Mark Lee, MD, PhD

GRAIL, Inc.

12:05 PM - 12:10 PM *Discussion*

Closing Remarks

12:10 PM - 12:15 PM

Howard Soule, PhD

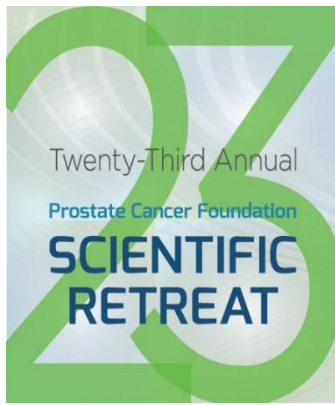
Prostate Cancer Foundation

Jonathan 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 Simons, MD (Prostate Cancer Foundation)

Gerhardt Attard, MD, PhD (The Institute of Cancer Research and the Royal Marsden NHS Foundation Trust, UK)

Johann de Bono, MD, PhD (Royal Marsden Hospital, UK)

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

James Gulley, MD, PhD (National Cancer Institute)

Guido Jenster, PhD (Erasmus Medical Centre, The Netherlands)

Joshua Lang, MD (University of Wisconsin Carbone Cancer Center)

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Alicia Morgans, MD, MPH (Vanderbilt University Medical Center)

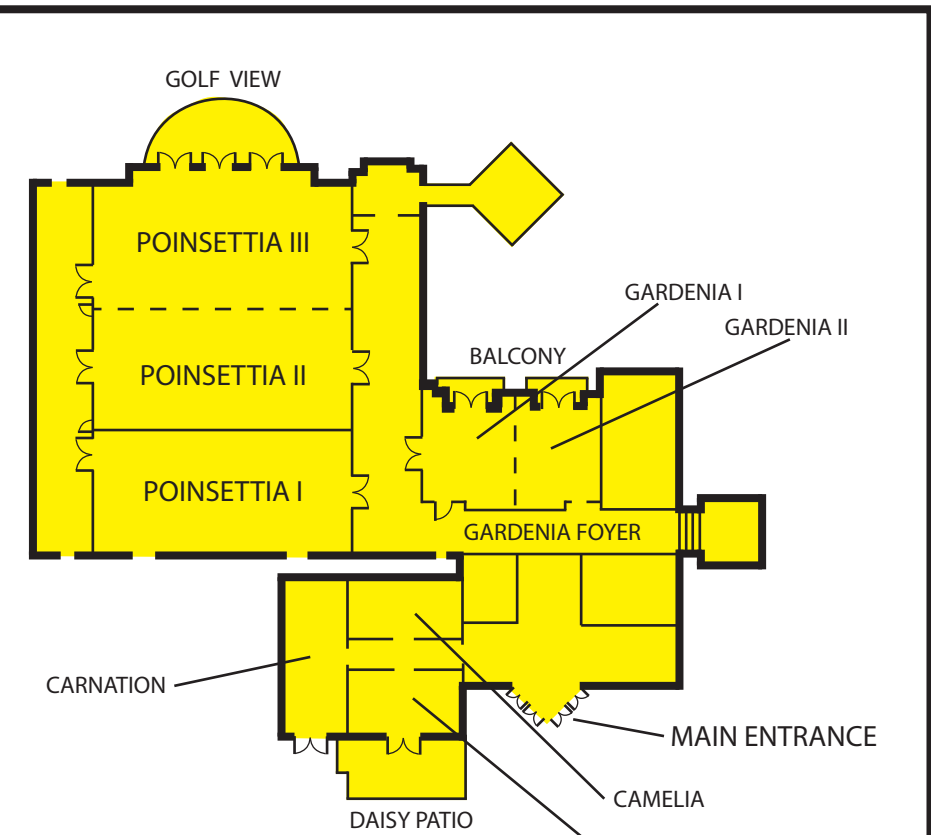
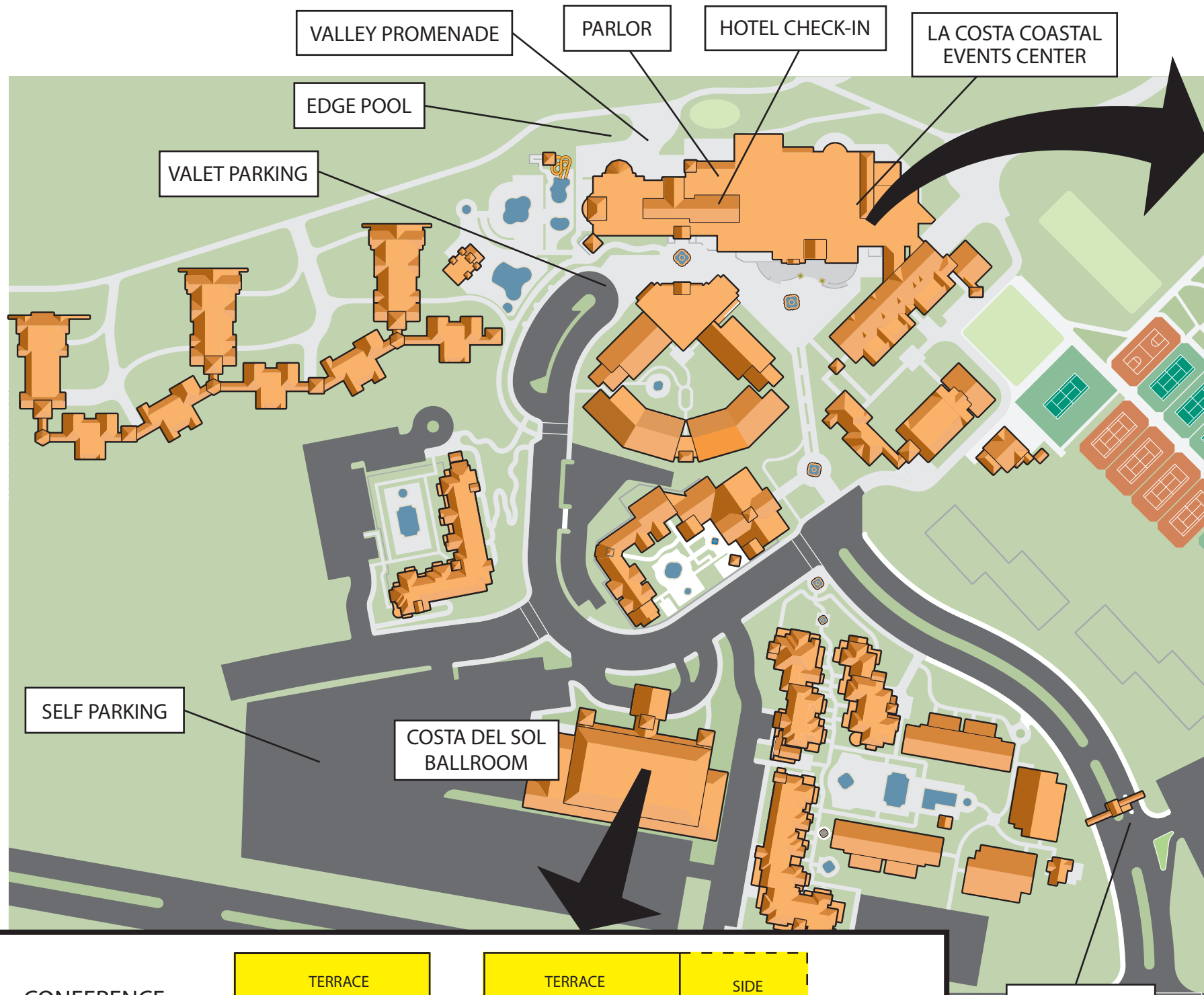
William Redmond, PhD (Providence Portland Medical Center)

Charles Ryan, MD (University of California, San Francisco)

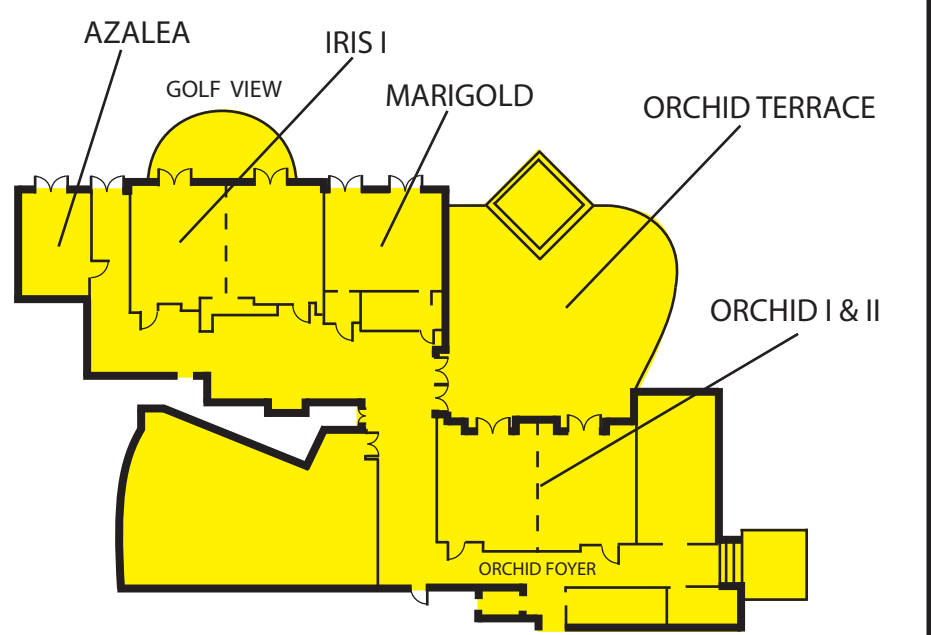
Jack Schalken, PhD (Radboud University Medical Centre, The Netherlands)

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





Upper Level
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 EVENTS CENTER



Lower Level
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