

Second Global Summit on PRECISION DIAGNOSIS FOR PROSTATE CANCER

October 12: Exhibits Setup & Registration

October 13-14: Scientific Program

Sheraton Boston

Discovering the Future of Precision Care

PROGRAM

FRIDAY, OCTOBER 13

- 8:00 am INTRODUCTION AND STATEMENT OF PURPOSE**
Faina Shtern, MD, President and CEO, AdMeTech Foundation
- 8:10 am SESSION I. STATE OF THE ART IN PROSTATE CANCER CARE**
Current and Potential Impact of Precision Diagnostics on Precision Care
Moderators
Hedvig Hricak, MD PhD, Carroll and Milton Petrie Chair, Department of Radiology, Memorial Sloan Kettering Cancer Center
Adam Kibel, MD, Professor of Surgery and Chief of Urology, Brigham and Women's Hospital and Dana Farber Cancer Institute, Harvard Medical School
Peter Nelson, MD, Endowed Chair for Prostate Cancer, Fred Hutchinson Cancer Research Center and Professor of Oncology, University of Washington
- 8:10 am Screening**
Sigrid Carlsson, MD, PHD, MPH, Assistant Attending Epidemiologist, Department of Surgery (Urology Service), Memorial Sloan Kettering Cancer Center and Associate Professor of Experimental Urology, Sahlgrenska Academy, Gothenburg University, Sweden
- 8:25 am Q & A**
- 8:30 am Keynote Address: Radiology Perspective and Radiomics**
Hedvig Hricak, MD, PhD
- 8:45 am Q & A**
- 8:50 am Urology Perspective on Baseline PSA and Early Detection of Prostate Cancer — Guidelines of the National Comprehensive Cancer Network**
Adam Kibel, MD
- 9:05 am Urology Perspective on Low-Risk Prostate Cancer - and the Emerging Impact of In Vivo Imaging and Radiogenomics**
Peter Pinto, MD, Head of Prostate Cancer Section, Urologic Oncology Branch, Center for Cancer Research, National Cancer Institute, National Institutes of Health
- 9:20 am Q & A**
- 9:25 am Radiation Oncology Perspective on High-Risk and Recurrent Prostate Cancer — and the Role of Molecular Diagnostics and Radiogenomics**
Alan Pollack, MD, PhD, Professor and Chairman of Radiation Oncology, University of Miami Miller School of Medicine
- 9:40 am Keynote Address: Medical Oncology Perspective On Precision Diagnosis and Liquid Biopsy of Advanced Prostate Cancer**
David Nanus, MD, Mark W. Pasmantier Professor and Chief, Hematology and Oncology, New York-Presbyterian, Weill Cornell Medicine
- 9:55 am Q & A**
- 10:00 am – 10:20 am Coffee Break**
- 10:20 am Pathology Perspective**
10:20 am Anatomic Pathology
Thomas Wheeler, MD, Chairman and Professor of Pathology, Baylor College of Medicine
- 10:35 am Molecular Pathology**
Angelo DeMarzo, MD, PhD, Associate Professor of Pathology, Urology, Oncology, Johns Hopkins University School of Medicine
- 10:50 am Q & A**
- 10:55 am SESSION II. INCREASING BENEFITS AND REDUCING RISKS OF SCREENING WITH NOVEL DIAGNOSTIC APPROACHES**
Improving Risk Assessment, Patient Selection For Biopsies and Tissue Sampling Prior To Diagnosis Of Prostate Cancer
Moderators:
Richard Babayan, MD, Professor of Surgery and Chairman of Urology, Boston University Medical School
Sigrid Carlsson, MD, PhD, MPH
- 10:55 am Emerging Fluid-Based Molecular Diagnostics**
Francesca Demichelis, PhD, Associate Professor and Head of Computational Oncology Laboratory, Centre for Integrative Biology, University of Trento, Italy

FRIDAY, OCTOBER 13 (CONT.)**SESSION II (CONT.)****11:10 am Liquid Biopsies: Definition and Clinical Utility**

Michael Donovan, MD, PhD, Professor of Pathology, Mount Sinai Medical Center

11:25 am Q & A

11:30 am Advanced Ultrasound

Sangeet Ghai, MD, Associate Professor, Department of Medical Imaging, University of Toronto

11:45 am Multi-Parametric MRI and Multi-Modality Imaging: Emerging Data and Role of PI-RADS

Peter Choyke, MD, Director, Molecular Imaging, National Cancer Institute/NIH

12:00 pm Q & A

12:05 pm In Vitro Diagnostics- and their Intergration with In Vivo Imaging

Sanoj Punnen, MD, Assistant Professor of Surgery, University of Miami Miller School of Medicine

12:20 pm Q & A

12:30 pm–Lunch Break**1:30 pm Panel on Risk Assessment Prior to Diagnosis of Prostate Cancer**

Moderators, Speakers, and

Mark Katz, Assistant Professor of Urology, Boston University School of Medicine

Minhaj Siddiqui, MD, Assistant Professor of Surgery and Chief of Urologic Oncology, University of Maryland; and

Preston Sprenkle, MD, Assistant Professor of Surgery, Yale University School of Medicine and Member, NCCN Prostate Cancer Early Detection Panel

2:00 PM SESSION III. DIAGNOSTIC ASSESSMENT OF MEN WITH PROVEN PROSTATE CANCER

Improving Prediction of Progression, Staging and Patient Selection for Treatment

Moderators:

Peter Pinto, MD

Alan Pollack, MD

Clare Tempany, MD, Ferenc Jolesz MD Professor of Radiology, Harvard Medical School and Vice Chair for Radiology Research, Brigham and Women's Hospital

2:00 pm In Vivo Imaging and Radiomics**2:00 pm Multi-Modality Imaging and Tumor Heterogeneity**

Baris Turkbey, MD, Associate Research Physician, Molecular Imaging Program, National Cancer Institute

2:15 pm Molecular Imaging

Mehrdad Alezamzaffar, MD, Assistant Professor of Urology, Emory University School of Medicine

2:30 pm Radiomics/Quantitative Imaging and Active Surveillance

2:45 pm Q & A

2:55 pm Tissue-Based Genomics and Phenotypic Biomarkers**2:55 pm** Pathology Perspective

Angelo DeMarzo, MD PhD

3:10 pm Q & A

3:15 pm Public Health Perspective

Jennifer Rider, ScD, MPH, Assistant Professor, Department of Epidemiology, Boston University School of Public Health

3:30 pm Q & A

3:35 pm Urologic Perspective: Live-Single-Cell Phenotypic Biomarkers and Precision Oncology

David Albala, MD, Chief of Urology, Crouse Hospital in Syracuse, New York; and Medical Director for Associated Medical Professionals

3:50 pm Q & A

3:55 pm - 4:15 pm Coffee Break**4:15 pm Radiogenomics: Emerging and Future Impact on Patient Evaluations, Treatment Selection and Monitoring**

4:15 pm Immediate Treatment - Minhaj Siddiqui, MD

4:30 pm Active Surveillance - Sanoj Punnen, MD

4:45 pm Focal Treatment - Peter Pinto, MD

5:00 pm Panel on Diagnostic Evaluation of Men with Proven Prostate Cancer

Speakers, Moderators, Panel Members and -

Nicolas Bloch, MD, Chief of MRI and Associate Professor of Radiology, Boston University Medical Center

Michael Donovan, MD

Mukesh Harisinghani, MD, Director of Abdominal MRI, Massachusetts General Hospital and Professor of Radiology, Harvard Medical School
Susan Noworolski, PhD, Associate Professor, Department of Radiology, UCSF

Amita Shukla-Dave, PhD, Deputy Service Chief for Predictive Informatics and Director, Quantitative Imaging, Memorial Sloan Kettering Cancer Center

Srinivas Vourganit, MD, Urologic Oncologist and Assistant Professor, Rush University Medical Center

7:00 pm – 9:30 pm Dinner Reception, Poster Competition and Industry Leadership Session on Innovation

SATURDAY, OCTOBER 14

8:00 am **SESSION IV: PRECISION DIAGNOSTICS AND EMERGING ROLE OF FOCAL TREATMENT**

Patient Selection, Monitoring and Outcomes

Moderators

Jason Efstathiou, MD, D.Phil., Associate Professor, Harvard Medical School & Director, Genitourinary Division, Massachusetts General Hospital

Mitchell Sokoloff, MD, Professor and Chair of Urology, University of Massachusetts School of Medicine

8:00 am **Radiology Perspective: Precision Imaging and Focal Treatment**

Clare Tempany, MD, Ferenc Jolesz MD Professor of Radiology, Harvard Medical School and Vice Chair of Radiology Research, Brigham and Women's Hospital

8:15 am Q & A

8:20 am **Overview of Laser Treatment**

Aytekin Oto, MD, MBA, Professor of Radiology and Surgery, Section Chief, Abdominal Imaging; Director, Body MR Imaging, University of Chicago Medical Center

8:35 am **Overview of Cryoablation and Focused Ultrasound**

Jurgen Futterer, MD, PhD, Interventional Radiologist, Nijmegen Medical Center and Professor, University of Twente, The Netherlands

8:50 am Q & A

8:55 am **SESSION V: PRECISION ONCOLOGY AND ADVANCED PROSTATE CANCER**

Moderators

Michael Morris, MD, Medical Oncologist, Memorial Sloan Kettering Cancer Center

Angelo DeMarzo, MD, PhD

8:55 am **Overview**

Wassim Abida, MD, PhD, Staff Oncologist, Memorial Sloan Kettering Cancer Center

9:10 am Q & A

9:15 am **Germline Mutations and Germline Testing in Advanced Prostate Cancer**

Peter Nelson, MD

9:30 am Q & A

9:35 am **DNA Damage Repair and its Impact on Clinical Therapy**

Michael Morris, MD

09:50 am Q & A

09:55 am **Genomic Testing**

Adam Feldman, MD, MPH, Assistant Professor and Director, Combined Harvard Urologic Oncology Fellowship, Harvard Medical School and Assistant in Urology, Massachusetts General Hospital

10:10 am Q & A

10:15 am—Coffee Break

10:35 am **Molecular Imaging, Nuclear Medicine and PET**

10:35 am **Overview**

Heather Jacene, MD, Assistant Professor of Radiology and Associate Program Director, Brigham and Women's Joint Program in Nuclear Medicine, Harvard Medical School

10:50 am **PSMA Imaging: Current and Potential Clinical Role**

Steve Rowe, MD, PhD, Assistant Professor of Radiology, Johns Hopkins University School of Medicine

11:05 am **Experience with PSMA PET at UCSF**

Thomas Hope, MD, Assistant Professor in Residence in the Abdominal Imaging and Nuclear Medicine, University of California, San Francisco

11:20 am Q & A

11:25 am **Amino Acid Imaging for Recurrent Prostate Cancer**

Ashesh B. Jani, MD, MSEE, Professor, Department of Radiation Oncology, Emory University

11:40 am **Multi-Modality Imaging in Recurrent and Advanced Disease**

Peter Choyke, MD

11:55 am Q & A

12:00 pm **Panel Discussion on Advanced Prostate Cancer**

Moderators, Speakers and

Daniel Margolis, MD, Assistant Professor of Radiology, Weill Cornell Medical College

Antonio Westphalen, MD, Associate Professor of Radiology and Biomedical Imaging, UCSF School of Medicine

12:30 pm– 1:15 pm **Lunch Break**

1:15 pm **SUMMARY PANEL DISCUSSION:**

EMERGING CLINICAL UTILITY OF PRECISION DIAGNOSTICS AND EXPEDITING TRANSFER OF PROMISING TECHNOLOGIES FROM LABORATORIES TO CLINICS

Moderators and Speakers

Session Chairs:

Mark Buzza, PhD, MBA, Director, Global Biomedical Research Programs, Movember Foundation

Faina Shtern, MD

2 pm **ADJOURN**

Program timelines and presenters are subject to changes.

STEERING COMMITTEE

Faina Shtern, MD, President & Founder, AdMeTech Foundation

Richard Babayan, MD, Professor of Surgery and Chair of Urology, Boston University

Sigrid Carlsson, MD, PHD, MPH, Assistant Attending Epidemiologist, Department of Surgery (Urology Service), Memorial Sloan Kettering Cancer Center

Peter Choyke, MD, Director, Molecular Imaging, National Cancer Institute, National Institutes of Health

Fergus Coakley, MD, Professor and Chairman of Radiology, Oregon Health Sciences University

E. David Crawford, MD, E. David Crawford Distinguished Endowed Chair in Urology, Head Urologic Oncology and Professor of Surgery, University of Colorado, Denver

Angelo DeMarzo, MD, PhD, Associate Professor of Pathology, Urology, Oncology, Johns Hopkins University School of Medicine

Michael Donovan, MD, PhD, Professor of Pathology, Mount Sinai Medical Center

Adam Feldman, MD, MPH, Assistant Professor and Director, Combined Harvard Urologic Oncology Fellowship, Harvard Medical School and Assistant in Urology, Massachusetts General Hospital

John Feller, MD, Founder and Director, Desert Medical Imaging

Hedvig Hricak, MD, Professor and Chair of Radiology, Memorial Sloan Kettering Cancer Center

Adam Kibel, MD, Professor of Surgery and Chief of Urology, Brigham and Women's Hospital and Dana Farber Cancer Institute, Harvard Medical School

Eric Klein, MD, Chairman, Glickman Urological & Kidney Institute, Cleveland Clinic

Laurence Klotz, MD, Professor of Surgery, University of Toronto; Chairman, World Urologic Oncology Federation

Michael Morris, MD, Medical Oncologist, Memorial Sloan Kettering Cancer Center

Daniel Petrylak, MD, Professor of Medicine (Medical Oncology) and Urology; and Co-Director, Signal Transduction Research Program, Yale University Cancer Center

Peter Pinto, MD, Head, Prostate Cancer Section, National Cancer Institute, National Institutes of Health

Allan Pollack, MD, PhD, Professor and Chairman, Department of Radiation Oncology, University of Miami Miller School of Medicine

Sanoj Punnen, MD, Urologic Oncologist and Assistant Professor of Surgery, University of Miami Miller School of Medicine

Jennifer Rider, SC.D, MPH, Assistant Professor of Epidemiology, Boston University School of Public Health

Mitchell Schnall, MD, PhD, Eugene P. Pendergrass Professor and Chairman of Radiology, University of Pennsylvania; and Chairman, American College of Radiology Imaging Network

Neal Shore, MD, Medical Director, CPI, Carolina Urologic Research Center, Atlantic Urology Clinics President, Large Urology Groups Practice Association

Minaj Siddiqui, MD, Assistant Professor of Surgery and Chief of Urologic Oncology, University of Maryland

Mitchell Sokoloff, MD, Professor and Chair of Urology, University of Massachusetts

Preston Sprenkle, MD, Assistant Professor of Surgery, Yale University School of Medicine; and Member, NCCN Prostate Cancer Early Detection Panel

Clare Tempany, MD, Ferenc Jolesz MD Professor of Radiology, Harvard Medical School and Vice Chair for Radiology Research, Brigham and Women's Hospital

Sadhna Verma, MD, Associate Professor of Radiology, University of Cincinnati

Andrew Vickers, PhD, Attending Research Methodologist, Memorial Sloan Kettering Cancer Center; and Member, NCCN Prostate Cancer Early Detection Panel

Srinivas Vourganti, MD, Assistant Professor (Urology), Rush University Medical Center

Thomas Wheeler, MD, Chairman and Professor of Pathology, Baylor College of Medicine (by phone)

Jeffrey Weinreb, MD, Professor of Radiology and Biomedical Imaging, Yale University School of Medicine

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