Wednesday, March 13, 2013

8:00 a.m. – 12:05 p.m.  Mini-workshop on Exosomes
Grand Ballroom ABC

1:00 – 2:00 p.m.  Registration and Check-In for Scientific Workshop
2nd Level Foyer

2:00 – 2:15 p.m.  Welcome
Grand Ballroom
○ Barnett Kramer, M.D., M.P.H., National Cancer Institute
○ Sudhir Srivastava, Ph.D., M.P.H., National Cancer Institute

2:15 – 2:45 p.m.  Genomic Outliers in Cancer Detection and Treatment
Stan Gerson, M.D., Case Western Reserve University

2:45 – 3:00 p.m.  Q&A

3:00 – 6:00 p.m.  SESSION 1: Novel/Unconventional Approaches to Biomarker Discovery
Grand Ballroom

Moderators:
○ Subrata Sen, Ph.D., The University of Texas MD Anderson Cancer Center
○ Nadarajen A. Vydelingum, Ph.D., FRSPH, National Cancer Institute

3:00 – 3:20 p.m.  Long Non-Coding RNAs (IncRNAs) as Biomarkers of Cancer
Arul Chinnaiyan M.D., Ph.D., University of Michigan

3:20 – 3:30 p.m.  Q&A

3:30 – 3:50 p.m.  Biomarker Discovery for Molecular Imaging Applications
Sam Gambhir, M.D., Ph.D., Stanford University

3:50 – 4:00 p.m.  Q&A
Wednesday, March 13, 2013 Continued

SESSION 1: Novel/Unconventional Approaches to Biomarker Discovery
Continued

4:00 – 4:20 p.m.  
**Nanoarchitectural Markers of Early Carcinogenesis**  
Grand Ballroom  
Vadim Backman, Ph.D., Northwestern University

4:20 – 4:30 p.m.  
Q&A

4:30 – 5:00 p.m.  
Break

5:00 – 5:20 p.m.  
**Glycoproteomic Discovery of Cancer Biomarkers**  
Karen Abbott, Ph.D., University of Georgia

5:20 – 5:30 p.m.  
Q&A

5:30 – 5:50 p.m.  
Darryl Bornhop, Ph.D., Vanderbilt

5:50 – 6:00 p.m.  
Q&A

Thursday, March 14, 2013

7:00 – 8:00 a.m.  
Registration and Check-In  
2nd Level Foyer

8:00 – 9:30 a.m.  
**CONCURRENT SESSIONS**

**Grand Ballroom A&B**  
• SESSION 2: Trials and Tribulations of Ovarian Cancer Screening

**Grand Ballroom C&D**  
• SESSION 3: Trials and Tribulations of Prostate Cancer Screening

SESSION 2: Trials and Tribulations of Ovarian Cancer Screening

*Moderators:*

o Michael Birrer, M.D., Ph.D., Massachusetts General Hospital

o Christos Patriotis, Ph.D., National Cancer Institute
Thursday, March 14, 2013 Continued

SESSION 2: Trials and Tribulations of Ovarian Cancer Screening Continued

8:00 – 8:20 a.m.  Early Detection of Ovarian Cancer: Old Trials and New Biology
Grand Ballroom A&B  Michael Birrer, M.D., Ph.D., Massachusetts General Hospital

8:20 – 8:40 a.m.  Designing a Discovery Pipeline for Early Detection Ovarian Cancer Biomarkers
                    Steve Skates, Ph.D., Massachusetts General Hospital

8:40 – 9:00 a.m.  Overcoming the Challenges in Ovarian Cancer Screening
                    Nicole Urban, Sc.D., Fred Hutchinson Cancer Research Center

9:00 – 9:30 a.m.  Panel Discussion

9:30 – 10:00 a.m.  Break

SESSION 3: Trials and Tribulations of Prostate Cancer Screening

Moderators:
- Martin Sanda, M.D., Beth Israel Deaconess Medical Center
- Jacob Kagan, M.Sc., Ph.D., National Cancer Institute

8:00 – 8:20 a.m.  PSA: Current Status and Controversy
Grand Ballroom C&D  James Brooks, M.D., Stanford University

8:20 – 8:40 a.m.  Lessons from the Past
                    Ian Thompson, M.D., The University of Texas Health Sciences Center, San Antonio

8:40 – 9:00 a.m.  A Vision of the Future
                    Mark Rubin, M.D., Weill Cornell Medical College
Thursday, March 14, 2013 Continued

SESSION 3: Trials and Tribulations of Prostate Cancer Screening Continued

9:00 – 9:30 a.m.  Panel Discussion
Grand Ballroom C&D

9:30 – 10:00 a.m.  Break

10:00 a.m. – 12:00 p.m.  CONCURRENT SESSIONS

Grand Ballroom A&B
● SESSION 4: Trials and Tribulations of Lung Cancer Screening

Grand Ballroom C&D
● SESSION 5: Genomics and Sequencing

Session 4: Trials and Tribulations of Lung Cancer Screening
Moderators:
o Pierre Massion, M.D., Vanderbilt University
○ Karl Krueger, Ph.D., National Cancer Institute

10:00 – 10:20 a.m.  The Clinical Context of Early Detection and Early Diagnosis of Lung Cancer
Steven Dubinett, M.D., University of California, Los Angeles

10:20 – 10:40 a.m.  The Most Recent and Promising EDRN Related Studies for Early Detection/Diagnosis of Lung Cancer
Harvey Pass, M.D., New York University

10:40 – 11:00 a.m.  Potholes in the Road to an Early Detection of Lung Cancer Biomarker
William Rom, M.D., New York University

11:00 – 11:20 a.m.  Reproducibility of Volumetric Analysis of Lung Nodules
Gary Smith, M.D., Vanderbilt University

11:20 a.m. – 12:00 p.m.  Panel Discussion
Thursday, March 14, 2013 Continued

Session 5: Genomics and Sequencing

Moderators:
- Ann Killary, Ph.D., The University of Texas MD Anderson Cancer Center
- Jo Ann Rinaudo, Ph.D., National Cancer Institute

10:00 – 10:20 a.m.
Next Generation Sequencing and Early Detection
Grand Ballroom C&D
Ken Kinzler, Ph.D., Johns Hopkins University

10:20 – 10:30 a.m.
Q&A

10:30 – 10:50 a.m.
SEQing Transcriptomic Biomarkers in the Airway for Early Detection of Lung Cancer
Avrum Spira, M.D., M.Sc., Boston University

10:50 – 11:00 a.m.
Q&A

11:00 – 11:20 a.m.
A Prognostic miRNA/mRNA Signature from the Integrated Analysis of Patients with Invasive Breast Cancer
Carlo Croce, M.D., The Ohio State University

11:20 – 11:30 a.m.
Q&A

11:30 – 11:50 a.m.
Biomarkers for Clinical Management of GI Neoplasia
Sanford Markowitz, M.D., Ph.D., Case Western Reserve University

11:50 a.m. – 12:00 p.m.
Q&A

12:00 – 1:00 p.m.
Lunch

1:00 – 2:30 p.m.
POSTER SESSION (See List of Posters for Room Assignments)
Thursday, March 14, 2013 Continued

2:30 – 3:30 p.m.  Highlights of Poster Session  
*Grand Ballroom*  
**Oral Presentations of Selected Posters**  
*Moderators:*  
- David Camp, Ph.D., Pacific Northwest National Laboratory  
- Lynn Sorbara, Ph.D., National Cancer Institute

3:30 – 4:00 p.m.  *Break*

4:00 – 6:00 p.m.  EDRN Collaborative Group Meetings (*by Invitation Only*)  
*Grand Ballroom B*  
Breast and Gynecological Cancers  
*Grand Ballroom A*  
Lung and Other Upper Aerodigestive Cancer  
*Grand Ballroom D*  
Gastrointestinal Cancers  
*Grand Ballroom C*  
Prostate and Other Urological Cancers

Friday, March 15, 2013

7:00 – 8:00 a.m.  Registration and Check-In  
*2nd Level Foyer*

8:00 – 10:00 a.m.  *SESSION 6: Infectious Agents and Microbiome*  
*Grand Ballroom*  
*Moderators:*  
- Karen Anderson, M.D., Ph.D., Arizona State University  
- Jacob Kagan, M.Sc., Ph.D., National Cancer Institute

8:00 – 8:20 a.m.  Microbiota, Inflammation, and Cancer Response to Therapy  
Giorgio Trinchieri, M.D., National Cancer Institute

8:20 – 8:30 a.m.  Q&A
Friday, March 15, 2013 Continued

SESSION 6: Infectious Agents and Microbiome Continued

8:30 – 8:50 a.m.  Impact of Microbiota on Retrovirus MMTV Transmission
Grand Ballroom  Tatyana V. Golovkina, Ph.D., University of Chicago

8:50- 9:00 a.m.  Q&A

9:00 – 9:20 a.m.  Biomarkers of HPV-Associated Cancers
Karen Anderson, M.D., Ph.D., Arizona State University

9:20 – 9:30 a.m.  Q&A

9:30 – 9:50 a.m.  EBV Associated Cancers
David Thorley-Lawson, Ph.D., Tufts University

9:50 – 10:00 a.m.  Q&A

10:00 – 10:30 a.m.  Break

10:30 – 12:20 p.m.  SESSION 7: Challenges and Pitfalls in Early Detection
Moderators:
  o Eleftherios Diamandis, Ph.D., Mount Sinai Hospital
  o Richard Mazurchuk, Ph.D., National Cancer Institute

10:30 – 10:50 a.m.  Why Is It So Difficult to Discover a Good Cancer Biomarker?
Grand Ballroom  Vathany Kulasingam, Ph.D., Mount Sinai Hospital

10:50 – 11:10 a.m.  Biomarkers for Early Diagnosis, through a Pancreas Cancer Lens
Scott Kern, M.D., Johns Hopkins University
Friday, March 15, 2013 Continued

SESSION 7: Challenges and Pitfalls in Early Detection Continued

11:10 –11:30 a.m.  Challenges in the Translation of Biomarkers into Clinical Diagnostics  
Daniel Chan, Ph.D., Johns Hopkins University School of Medicine  

11:30 – 11:50 a.m.  Autoantibodies in Basal-like Breast Cancer  
Joshua LaBaer, M.D., Ph.D., Arizona State University  

11:50 a.m. – 12:20 p.m.  Panel Discussion  

12:20 – 12:30 p.m.  Closing Remarks  
o  Ian Thompson, M.D., University of Texas Health Sciences Center, San Antonio, Chair of the EDRN  
o  Sudhir Srivastava, Ph.D., M.P.H., National Cancer Institute