

32nd EDRN Steering Committee Meeting
September 12-14, 2017
Renaissance Hotel Seattle
Seattle, Washington

Tuesday, September 12, 2017

7:00 a.m. – 8:00 a.m. <i>Madison Foyer</i>	Sign-in
8:00 a.m. – 8:10 a.m. <i>Salon A/B</i>	<u>Opening of Steering Committee Meeting and Approval of March, 2017 EDRN Steering Committee Meeting Minutes</u> Joshua LaBaer, M.D., Ph.D., Arizona State University/The Biodesign Institute
8:10 a.m. – 8:20 a.m. <i>Salon A/B</i>	<u>Welcome</u> Garnet Anderson, Ph.D., Senior Vice President and Director, Public Health Sciences, Fred Hutchinson Cancer Research Center
8:20 a.m. – 8:40 a.m. <i>Salon A/B</i>	<u>State of the EDRN</u> Sudhir Srivastava, Ph.D., M.P.H., National Cancer Institute
8:40 a.m. – 8:45 a.m.	Q&A
8:45 a.m. – 9:10 a.m. <i>Salon A/B</i>	<u>Deep Learning for Precision Medicine</u> Hoifung Poon, Ph.D., Microsoft Research
9:10 a.m. – 9:15 a.m.	Q&A
9:15 a.m. – 12:15 p.m. <i>Salon A/B</i>	Selected Highlights of EDRN Progress <i>Session Moderator: Jo Ann Rinaudo, Ph.D., National Cancer Institute</i> [CVCs will report on their validation projects.]
9:15 a.m. – 9:35 a.m.	<u>Urinary RNA, Serum Biomarkers, and Prostate Cancer-Specific PET Imaging: A Trifecta to Enhance Prostate Cancer Detection</u> Martin Sanda, M.D., Emory University
9:35 a.m. – 9:55 a.m.	<u>Validation of Colon Cancer Biomarkers</u> Dean Brenner, M.D., University of Michigan
9:55 a.m. – 10:15 a.m.	Break

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Selected Highlights of EDRN Progress (Continued)

- 10:15 a.m. – 10:35 a.m.*
Salon A/B Mucins and their Associated Serological Panel for Diagnosis of Pancreatic Cancer
Randall Brand, M.D., University of Pittsburgh and
Surinder Batra, Ph.D., University of Nebraska
Medical Center
- 10:35 a.m. – 10:55 a.m.* Biomarkers for Pancreatic Cancer Early Detection
Anirban Maitra, M.B.B.S., The University of Texas
MD Anderson Cancer Center
- 10:55 a.m. – 11:15 a.m.* FHCRC CVC Updates in Breast and Colon Cancer
Early Detection
Christopher Li, M.D., Ph.D., Paul Lampe, Ph.D.,
and Charles Drescher, M.D., Fred Hutchinson
Cancer Research Center
- 11:15 a.m. – 11:35 a.m.* Biomarkers for Ovarian Cancer Early Detection
Robert Bast, M.D., The University of Texas MD
Anderson Cancer Center
- 11:35 a.m. – 11:55 a.m.* Validation of Lung Cancer Biomarkers: Where the
Rubber Meets the Road
Pierre Massion, M.D., Vanderbilt-Ingram Cancer
Center
- 11:55 a.m. – 12:15 p.m.* MIBVAC: Images Aren't Pictures, They Are Data
Robert Gillies, Ph.D., John Heine, Ph.D., Matthew
Schabath, Ph.D., and Jae Lee, Ph.D., H. Lee Moffitt
Cancer Center
- 12:15 p.m. – 1:45 p.m.** **Lunch (On Your Own)**
Off Site
- 12:15 p.m. – 1:45 p.m.** **Executive Committee Meeting (closed)**
East Room, 3rd Floor

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1:45 p.m. – 3:45 p.m.

Salon A/B

Public Private Partnerships

Session Moderator: Lynn Sorbara, Ph.D., National Cancer Institute

1:45 p.m. – 1:50 p.m.

Welcome

Lynn Sorbara, Ph.D., National Cancer Institute

1:50 p.m. – 2:10 p.m.

Title TBD

Gerard J Davis, Ph.D., Abbott Diagnostics, Project Manager and Research Scientist

2:10 p.m. – 2:30 p.m.

Elucidating Cancer Mechanisms through Integrated Biology

Carolina Livi, Ph.D., Agilent Technologies, Inc., Academic Segment Manager

2:30 p.m. – 2:50 p.m.

GLNE-Clinical Genomics Collaboration

Lawrence LaPointe, Ph.D., Clinical Genomics

2:50 p.m. – 3:10 p.m.

Title TBD:

Jonathan Bibliowicz, Ph.D., Illumina, Inc., Sr. Sales Specialist, Sequencing & Data Analysis

3:10 p.m. – 3:30 p.m.

Title TBD:

Johan Skog, Ph.D., Exosome Diagnostics, Inc., Chief Scientific Officer

3:30 p.m. – 3:45 p.m.

Panel Discussion:

- Carolina Livi, Ph.D., Agilent Technologies, Inc.
- Lawrence LaPointe, Ph.D., Clinical Genomics
- Jonathan Bibliowicz, Ph.D., Illumina, Inc.
- Johan Skog, Ph.D., Exosome Diagnostics, Inc.

3:45 p.m. – 4:05 p.m.

Madison Foyer

Break

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4:05 p.m. – 5:35 p.m.

Salon A/B

Biomarker Verification and Clinical Grade Assays

Session Moderator: Lynn Sorbara, Ph.D., National Cancer Institute

4:05 p.m. – 4:35 p.m.

University of Maryland Biomarker Reference Laboratory

Sanford Stass, M.D., University of Maryland School of Medicine

4:35 p.m. – 5:05 p.m.

Johns Hopkins University Biomarker Reference Laboratory

Daniel Chan, Ph.D., Johns Hopkins University

5:05 p.m. – 5:35 p.m.

Panel Discussion

- Sanford Stass, M.D., University of Maryland School of Medicine
- Daniel Chan, Ph.D., Johns Hopkins University
- Karin Rodland, Ph.D., Pacific Northwest National Laboratory
- Shiv Srivastava, Ph.D., Center for Prostate Disease Research
- Kenneth Cole, Ph.D., National Institute of Standards and Technology

5:35 p.m. – 5:40 p.m.

Salon A/B

Charge to Collaborative Groups

Sudhir Srivastava, Ph.D., M.P.H., National Cancer Institute

5:40 p.m.

Adjourn for the Day

Wednesday September 13, 2017

7:00 a.m. – 8:00 a.m.

Madison Foyer

Sign-in

8:00 a.m. – 12:00 p.m.

Collaborative Group Meetings (By Invitation Only): Part 1

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Collaborative Group Meetings (By Invitation Only): Part 1 (Continued)

Salon A

Breast and Gynecological Cancers

- Steven Skates, Ph.D., Massachusetts General Hospital
- Christopher Li, M.D., Ph.D., Fred Hutchinson Cancer Research Center

Salon B

Gastrointestinal Cancers

- Brian Haab, Ph.D., Van Andel Research Institute
- Robert Schoen, M.D., M.P.H., University of Pittsburgh

Salon C

Lung and Upper Aerodigestive Cancers

- Pierre Massion, M.D., Vanderbilt -Ingram Cancer Center
- Harvey Pass, M.D., New York University School of Medicine

East Room (3rd Floor)

Prostate and Urological Cancers

- Martin Sanda, M.D., Emory University
- John Semmes, Ph.D., Eastern Virginia Medical School

12:00 p.m. – 1:30 p.m.

Off-Site

Lunch (On Your Own)

12:00 p.m. – 1:30 p.m.

East Room (3rd Floor)

Scientific Workshop Planning Committee Meeting

1:30 p.m. – 3:00 p.m.

Salons A,B,C & East Room

Collaborative Group Meetings (By Invitation Only): Part 2

3:00 p.m. – 5:40 p.m.

Salon A/B

Showcase Presentations from Collaborative Groups:

Session Moderator: Christos Patriotis, Ph.D., National Cancer Institute

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Showcase Presentations from Collaborative Groups (Continued)

- 3:00 p.m. – 3:20 p.m.
Salon A/B The Immuno-biology of Pulmonary Premalignancy
Steve Dubinett, M.D., University of California, Los Angeles
- 3:20 p.m. – 3:40 p.m. Ten Years of Mesothelioma Biomarkers: Controversy and Evolution
Harvey Pass, M.D., New York University
- 3:40 p.m. – 4:00 p.m. The sTRA Antigen: A New Blood and Tissue Biomarker for Pancreatic Cancer
Daniel Barnett, B.S., Van Andel Research Institute
- 4:00 p.m. – 4:20 p.m. An Update on ctDNA as a Cancer Biomarker
Robert Schoen, M.D., M.P.H., University of Pittsburgh
- 4:20 p.m. – 4:40 p.m. Integrated Genomic and Proteomic Biomarkers for Non-Invasive Identification of Aggressive Prostate Cancer
Paul Boutros, Ph.D., Ontario Institute for Cancer Research
- 4:40 p.m. – 5:00 p.m. Development of Prostate Cancer Early Detection and Prognostic Biomarkers
Scott Tomlins, M.D., Ph.D., University of Michigan
- 5:00 p.m. – 5:20 p.m. A Unique Tumor Derived Macrophage is a New Blood-based Biomarker for Cancer Screening and Diagnosis
Jeff Marks, Ph.D., Duke University Medical Center
Cha-Mei Tang, Sc.D., Creatv MicroTech, Inc.
- 5:20 p.m. – 5:40 p.m. Identifying Candidate Breast Cancer Biomarkers in the Plasma of Xenografted Mice
Amanda Paulovich, M.D., Ph.D., Fred Hutchinson Cancer Reserch Center
- 6:00 – 7:00 p.m.**
Salon A/B **Data Sharing and Informatics Subcommittee Meeting**

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7:00 a.m. – 8:00 a.m.

Madison Foyer

Sign-in

8:00 a.m. – 9:40 a.m.

Salon A/B

Contemporary Topic: Interpreting Longitudinal Biomarker Changes for Early Detection

Session Moderator: Jacob Kagan, Ph.D., National Cancer Institute

8:00 a.m. – 8:20 a.m.

Overview

Margaret Pepe, Ph.D., Fred Hutchinson Cancer Research Center

8:20 a.m. – 8:25 a.m.

Q&A

8:25 a.m. – 8:45 a.m.

Ovarian Cancer

Steve Skates, Ph.D., Massachusetts General Hospital

8:45 a.m. – 8:50 a.m.

Q&A

8:50 a.m. – 9:10 a.m.

Prostate Cancer

Yingye Zheng, Ph.D., Fred Hutchinson Cancer Research Center

9:10 a.m. – 9:15 a.m.

Q&A

9:15 a.m. – 9:35 a.m.

Hepatocellular Carcinoma

Nabihah Tayob, Ph.D., The University of Texas MD Anderson Cancer Center

9:35 a.m. – 9:40 a.m.

Q&A

9:40 a.m. – 10:00 a.m.

Madison Foyer

Break

10:00 a.m. – 11:30 a.m.

Salon A/B

Reports from Collaborative Groups

Session Moderator: Guillermo Marquez, Ph.D., National Cancer Institute

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Reports from Collaborative Groups

- 10:00 a.m. – 10:15 a.m.* Colon and Esophageal Cancers
Salon A/B Robert Schoen, M.D., M.P.H., University of Pittsburgh
- 10:15 a.m. – 10:30 a.m.* Pancreatic Cancer
Aniban Maitra, M.B.B.S., The University of Texas MD Anderson Cancer Center
- 10:30 a.m. – 10:45 a.m.* Breast Cancer
Christopher Li, M.D., Ph.D., Fred Hutchinson Cancer Research Center
- 10:45 a.m. – 11:00 a.m.* Ovarian Cancer
Steven Skates, Ph.D., Massachusetts General Hospital
- 11:00 a.m. – 11:15 a.m.* Lung Cancer
Pierre Massion, M.D., Vanderbilt - Ingram Cancer Center
- 11:15 a.m. – 11:30 a.m.* Prostate Cancer
Martin Sanda, M.D., Emory University
- 11:30 a.m. – 11:40 a.m.** **Final Remarks**
Salon A/B
 - Joshua LaBaer, M.D., Ph.D., Arizona State University/The Biodesign Institute
 - Sudhir Srivastava, Ph.D., M.P.H., National Cancer Institute
- 11:40 a.m.** **Adjourn**