AGENDA
Day One – Monday, June 13th

7:30 AM  Continental Breakfast

8:00 AM  Welcome and Overview
Carolyn R. Aldigé, Prevent Cancer Foundation
James L. Mulshine, MD, Rush University Medical Center

8:30 AM  Keynote: “Moving Rapid Learning into the 21st Century”
Robert M. Califf, MD, MACC, Food and Drug Administration

9:30 AM  2016 James L. Mulshine, MD National Leadership Award
Laurie Fenton Ambrose, Lung Cancer Alliance
Guest Presenters - to be announced

9:40 AM  How Advocacy Organizations Can Drive Aggregation of Big Data to Facilitate Broad-based Research Progress: Lessons from CAPriCORN
Terry Mazany, CEO, Chicago Community Trust

10:10 AM  Break

10:30 – 12:00 PM  Panel Discussion: Engaging Industry in the QI Management of Early Lung Cancer and Related Tobacco-induced Thoracic Diseases
Chairs: James L. Mulshine MD, Rush University Medical Center
Fred Hirsch, PhD, MD, University of Colorado

Phil Dennis, Astra Zeneca (invited)
Alan Sandler, MD, Principal Medical Director, Genentech (invited)
Susan Wood, CEO, VIDA (invited)
Richard Frank, MD, Chief Medical Officer, Siemens
Ruth Tal-singer, PhD, Vice President COPD Clinical Discovery, GSK (invited)
Tom Leonard, PhD, Therapeutic Operations Director, Boehringer Ingelheim (invited)

12:00 – 1:00 PM  Lunch

1:00-4:00 PM  Establishing the Foundation of Quantitative Imaging in Early Lung Cancer Care
Chairs: Dan Sullivan, MD, QIBA
David Yankelevitz, MD, PhD, Mount Sinai School of Medicine

1:00 PM  Computational Approach to Validating Image Quality in A Screening Program
Ricardo Avila, Accumetra, Inc

1:30 PM  The Evolution of Radiomics and CT Screening for Lung Cancer
MaryEllen Gieger, PhD, University of Chicago
AGENDA
Day One – continued

2:00 PM  Validation of Imaging Biomarkers
         Nicholas Petrick, PhD, FDA (invited)

2:30 PM  Status of the Quantitative Imaging Profile
         David Gierada, MD, Washington University

3:00 PM  Lung Cancer Screening Registries as a Transformation Resource for Rapid Learning
          Across Tobacco-related Diseases
         David Yankelevitz, MD, PhD, Mount Sinai School of Medicine

3:30 PM  Quantitative Imaging: Lung Cancer, COPD, Atherosclerotic Vascular Disease - A
          Systems Tool
         Raul San Jose Estepar, PhD, Brigham and Women’s Hospital,
          Harvard Medical School

4:00 PM  Panel: Crowdsourcing the Optimization of Imaging Protocols
         Chair: Ricardo Avila, Accumetra, Inc

         Scanner Manufacturer Representative 1
         Scanner Manufacturer Representative 2
         Scanner Manufacturer Representative 3

         Mathew Budoff, MD, UCLA School of Medicine and Los Angeles Biomedical
         Research Institute (Cardiac )
         David Yankelevitz, MD, PhD, Mount Sinai School of Medicine (Lung Cancer)

4:30 PM  Break

4:30 – 5:30 PM  Preliminary Breakout Sessions
          A – Accelerating Progress with Creating Screening Infrastructure is it a
          Moonshot or Earthshot?
          David Yankelevitz, MD, PhD, Mount Sinai School of Medicine
          B – Proposing a National Infrastructure for Implementing Quantitative
          Imaging Quality Processes
          Ricardo Avila, Accumetra, Inc
          Dan Sullivan, MD, QIBA

5:30 PM  Meeting Adjourns for the Day
**AGENDA**
**Day Two – Tuesday, June 14th**

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<td>7:30 AM</td>
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| 8:00 AM – 9:00 AM | Issues with Screening Implementation  
               Chairs: Lisa Karam, PhD, NIST, MITA: James Kiley, MD, NHLBI  |
| 8:00 AM       | Model of Lung Cancer Screening Implementation: Is It Interoperable?  
               Joelle Fathi, DNP, ARNP, Swedish Hospital  |
| 8:30 AM       | Implementing Lung Cancer Screening while Optimizing Tobacco Cessation: A National Strategy  
               Jamie Ostroff, PhD, Memorial Sloan Kettering Cancer Center  |
| 9:00 – 10:00 AM | Breakout sessions  
               A – Accelerating Progress with Creating Screening Infrastructure is it a Moonshot or Earthshot?  
               David Yankelevitz, PhD, MD, Mount Sinai School of Medicine  
               B – Proposing a National Infrastructure for Implementing Quantitative Imaging Quality Processes  
               Ricardo Avila, Accumetra, Inc  
               Dan Sullivan, MD, QIBA  |
| 10:00 – 10:15 AM | Break  |
| 10:15 – 12:00 PM | Tobacco Imaging Assessment  
               The Next Frontier in Integrating Quantitative Coronary Artery Calcification Analysis  
               Harvey Hecht, MD, Mount Sinai School of Medicine  
               Screening Populations: COPD or Lung Cancer or Both? Risk in High-risk Populations  
               James Crapo, MD, National Jewish Hospital  
               Progress with COPD Gene and Imaging, Big Data Research  
               Matthew Budoff, MD, UCLA School of Medicine and Los Angeles Biomedical Research Institute  |
| 11:45 – 12:45 AM | Breakout Group Presentations and Discussion  
               A – Accelerating Progress with Creating Screening Infrastructure is it a Moon shot or Earth shot?  
               B – Proposing a National Infrastructure for Implementing Quantitative Imaging Quality Processes  |
| 12:45 – 1:00 PM | Summary and Action Plans  |
| 1:00 PM       | Conference Adjourns                                                                            |