7:30 AM  
*Registration, Continental Breakfast & Exhibits*

8:00 AM  
**Introduction to Precision Medicine in Oncology**  
Massimo Cristofanilli, MD, Lurie Cancer Center

8:15 AM  
**Keynote Address:**  
The Landscape of Genomic Alterations in Primary and Metastatic Breast Cancer: Lesson from Precision Medicine  
Matthew Ellis, MB, BChir, BSc, PhD, FRCP, Dan L Duncan Comprehensive Cancer Center

9:15 AM  
**Precision Medicine in the Community**  
Dean Tsarwhas, MD, Northwestern Medicine  
Steven Powell, MD, Sanford Cancer Center

10:00 AM  
**Break & Exhibits**

10:15 AM  
**SESSION 1: The Molecular Tumor Board... Present and Future with Artificial Intelligence**  
Moderators: William Gradishar, MD, Lurie Cancer Center  
1. Tumor DNA Sequencing for Biomarker Discovery and Clinical Diagnostics and the Challenges of Interpretation and Implementation  
Michael J. Becich, MD, PhD, University of Pittsburgh  
2. Challenges from Precision Medicine Application: The Lurie Cancer Center Experience & the Collective Wisdom  
Amir Behdad, MD, Lurie Cancer Center  
3. Dean Tsarwhas, MD, Northwestern Medicine (Panel Discussion)  
Steven Powell, MD, Sanford Cancer Center (Panel Discussion)

4. Question and Answer Panel Discussion

11:45 PM  
**Lunch & Exhibits**

12:30 PM  
**SESSION 2: Germline Genotype in Solid and Hematologic Malignancies**  
Moderators: Firas Wehbe, MD, PhD, Lurie Cancer Center and Carmen Williams, MS, CGC, Lurie Cancer Center  
1. Somatic to Germline Pipeline  
Dana Clark, MS, LCGC, University of Pennsylvania  
2. Germline Incidentsals in Genomic Testing  
Elizabeth McNally, MD, PhD, Northwestern Medicine  
3. Treatments, Risk-Reductive Options, and Surveillance Plans for Pediatric Cancer Patients  
Michael Walsh, MD, Memorial Sloan Kettering

4. Question and Answer Panel Discussion

1:45 PM  
**Break & Exhibits**

2:00 PM  
**SESSION 3: NGS, Liquid Biopsy, Tumor Heterogeneity and Immune Biomarkers**  
Moderators: Massimo Cristofanilli, MD, Lurie Cancer Center  
1. Genomic Medicine and the “Discovery” of Tumor Evolution and Heterogeneity  
Dave Hoon, MSc, PhD, John Wayne Cancer Institute  
2. The Use of CTCs in Understanding Tumor Biology and Monitor Disease Status  
Evi Lianidou, PhD, University of Athens  
3. Immune Biomarkers  
Bin Zhang, MD, PhD, Lurie Cancer Center  
4. The Power of Next Generation Sequencing in the Routine Workup of Brain Tumors  
Craig Horbinski, MD, PhD, Lurie Cancer Center  
5. Question and Answer Panel Discussion

3:45 PM  
**The Future of Precision Medicine in Oncology**  
Leonidas C. Platanias, MD, PhD, Lurie Cancer Center