



| Date  | Time                      | Track                                     | Presentation Title                                                                                                                                                    | Speaker                                                                                                                                                                                                                |
|-------|---------------------------|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5-Oct | 06:00<br>-<br>07:00<br>AM | Therapeutics                              | Melanoma - View from the Frontlines of Immunotherapy and Precision Medicine                                                                                           | Louise Perkins, PhD<br>Chief Science Officer, Melanoma Research Alliance                                                                                                                                               |
| 5-Oct | 06:00<br>-<br>07:00<br>AM | Screening, Diagnosis, and Early Detection | Unique molecular indices (UMI) and their application in detecting novel gene fusions and gene expression and genetic variation                                        | Samuel Rulli, PhD<br>Senior Global Product Manager, RNA Profiling , QIAGEN                                                                                                                                             |
| 5-Oct | 07:30<br>-<br>08:30<br>AM | Screening, Diagnosis, and Early Detection | Keynote Speaker: How to meet the challenge of counting and analyzing tumor cells circulating in the peripheral blood                                                  | Giacinto Scoles, PhD<br>Donner Professor of Science and Professor of Chemistry, Emeritus                                                                                                                               |
| 5-Oct | 09:00<br>-<br>10:00<br>AM | Imaging and Treatment                     | Keynote Speaker: Biomarkers, Risk Stratification; Newly diagnosed prostate cancer and markers for post radical prostatectomy                                          | David Albala, MD<br>Chief of Urology at Crouse Hospital and Medical Director for Associated Medical Professionals                                                                                                      |
| 5-Oct | 10:30<br>-<br>11:30<br>AM | Cancer Biology                            | Comparative genetic and transcriptome analyses of Hepatocellular Carcinoma and Endometrioid Endometrial Carcinoma highlight common molecular and biological processes | Jean-Noel Billaud, PhD<br>Senior Principal Scientist, QIAGEN Digital Insights                                                                                                                                          |
| 5-Oct | 10:30<br>-<br>11:30<br>AM | Therapeutics                              | Immunotherapy of Cancer Using Genetically-Enhanced T Cells                                                                                                            | Michael Milone, PhD<br>Assistant Professor of Pathology and Laboratory Medicine at the Hospital of the University of Pennsylvania, Associate Director, Toxicology Laboratory, University of Pennsylvania Perelman Scho |
| 5-Oct | 10:30<br>-<br>11:30<br>AM | Cancer Biology                            | Unraveling the Complexities of Immuno-Oncology with 3D Biology™ Technology                                                                                            | Joseph M Beechem, PhD<br>Senior Vice President of Research and Development, NanoString Technologies<br>Alessandra Cesano, MD, PhD<br>Chief Medical Officer, NanoString Technologies                                    |

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| 5-Oct | 12:00<br>-<br>01:00<br>PM | Cancer<br>Biology                                  | Label-free FTIR imaging to distinguish malignant from non-malignant tissues                                                                                              | Klaus Gerwert, PhD<br>Chair of Biophysics and Professor, Ruhr-University Bochum,<br>Department of Biophysics, Bochum, Germany                                                                  |
| 5-Oct | 12:00<br>-<br>01:00<br>PM | Screening,<br>Diagnosis,<br>and Early<br>Detection | Sensitive and Specific, Multiplex, Real-Time PCR Assays for Assessing the Abundance of Extremely Rare Mutations Associated with Cancer Diagnosis, Prognosis, and Therapy | Fred Kramer, PhD<br>Professor, Public Health Research Institute, New Jersey Medical School, Rutgers University                                                                                 |
| 5-Oct | 01:30<br>-<br>02:30<br>PM | Imaging and<br>Treatment                           | Prostate Cancer Screening Update-2016                                                                                                                                    | Judd W Moul, MD, FACS<br>James H Semans MD Professor of Surgery, Division of Urologic Surgery, Director, Duke Prostate Center, Duke Cancer Institute, Duke University Medical Center           |
| 6-Oct | 06:00<br>-<br>07:00<br>AM | Screening,<br>Diagnosis,<br>and Early<br>Detection | Detection and analysis of circulating tumor cells - challenges and solutions                                                                                             | Siegfried Hauch<br>Director, Liquid Biopsy and Site Manager, QIAGEN Hannover Germany                                                                                                           |
| 6-Oct | 06:00<br>-<br>07:00<br>AM | Cancer<br>Biology                                  | Heterogeneity and Resistance Mechanisms in Advanced Prostate Cancer                                                                                                      | Raoul S. Concepcion, MD, FACS<br>Chief Science Officer, U.S. Urology Partners, Clinical Assistant Professor, Department of Urology, Vanderbilt School of Medicine                              |
| 6-Oct | 07:30<br>-<br>08:30<br>AM | Cancer<br>Biology                                  | Keynote Speaker: Reference Component Analysis of Single Cell Transcriptomes Reveals Cellular Heterogeneity in Colorectal Cancer                                          | Shyam Prabhakar, PhD<br>Associate Director/Integrative Genomics and Group Leader, Genome Institute of Singapore                                                                                |
| 6-Oct | 09:00<br>-<br>10:00<br>AM | Therapeutics                                       | Keynote Speaker - PD-1 cancer immunotherapy                                                                                                                              | Gordon J. Freeman, PhD<br>Professor of Medicine, Harvard Medical School                                                                                                                        |
| 6-Oct | 10:30<br>-<br>11:30<br>AM | Cancer<br>Biology                                  | Decoding human tumors and healthy tissue with mass cytometry                                                                                                             | Jonathan M Irish, PhD<br>Assistant Professor in the Department of Cell & Developmental Biology Scientific Director of the Cancer & Immunology Core and the Mass Cytometry Center of Excellence |
| 6-Oct | 10:30<br>-<br>11:30<br>AM | Imaging and<br>Treatment                           | Precision Genomics and Precision Medicine for Immuno-Oncology                                                                                                            | Erin N Newburn, MS, PhD<br>Manager, Field Applications Scientist, Personalis, Inc.                                                                                                             |
| 6-Oct | 12:00<br>-<br>01:00<br>PM |                                                    | The Clinical and Economic Impact of Precision Cancer Medicine                                                                                                            | Lincoln Nadauld, MD, PhD<br>Executive Director of Precision Medicine & Precision Genomics, Intermountain Healthcare                                                                            |