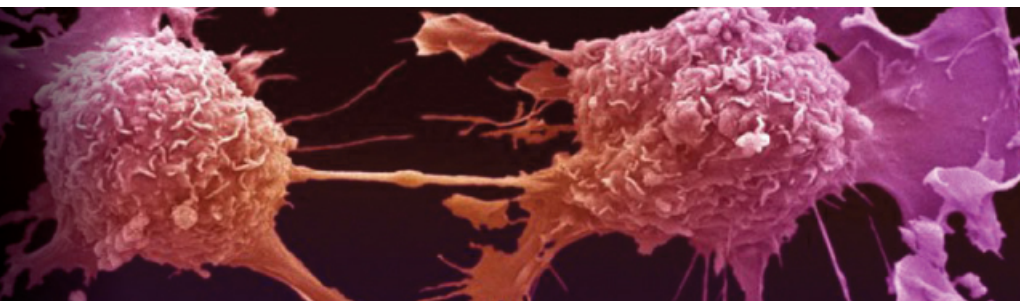


OCTOBER 29-30, 2014
CANCER:
 RESEARCH,
 DISCOVERY &
 THERAPEUTICS



| Date | Time | Track | Presentation Title | Speaker |
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| 29-Oct | 06:00 - 07:00 AM | Molecular Profiling and Biomarkers | Expanding the scope of RNA-Seq to archival FFPE samples | Kelli Bramlett, M.S. Research & Development Scientist, Thermo Fisher Scientific |
| 29-Oct | 06:00 - 07:00 AM | Drug Discovery | Nanotechnologies for Precision Medicine | Srinivas (Sri) Sridhar, PhD Director, NSF IGERT Nanomedicine Science and Technology Program, Director, Electronic Materials Research Institute, Arts and Sciences Distinguished Professor of Physics, Lecturer on Radiation |
| 29-Oct | 07:30 - 08:30 AM | Clinical Proteomics | Antibody-based Proteomics: Fast-Tracking Molecular Diagnostics and Target Discovery in Oncology | Darran O'Connor, PhD Senior Lecturer, School of Biomolecular & Biomedical Science, Co-Director, Cancer Biology & Therapeutics Laboratory, University of Dublin |
| 29-Oct | 07:30 - 08:30 AM | Molecular Profiling and Biomarkers | Making Clinical NGS possible | Vikram Devgan, PhD, MBA Senior Director, Spatial Genomics Business Unit, NanoString Technologies |
| 29-Oct | 07:30 - 08:30 AM | Drug Discovery | Targeting the oncogene eIF4E in leukemia reveals a new form of drug resistance | Katherine LB Borden, PhD Principal Investigator, Structure and Function of the Cell Nucleus research unit, Full Professor, Department of Pathology and Cell Biology, Faculty of Medicine, Université de Montréal, Institut |
| 29-Oct | 09:00 - 10:00 AM | Drug Discovery | miRNA Biomarker Discovery: Technologies, workflows, and data analysis solutions for discovering your unique signature | Jonathan Shaffer, PhD, MBA Director, R&D, NGS Assay Technologies, QIAGEN |
| 29-Oct | 09:00 - 10:00 AM | Cancer Epigenetics | Reading and disrupting the histone code with chemical agents: making new tools to understand epigenetic methylation pathways in stem-like cancers | Fraser Hof, PhD Associate Professor, University of Victoria |

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| 29-Oct | 09:00 - 10:00 AM | Molecular Profiling and Biomarkers | What's wrong with biomarker development for cancer | Anna Barker, PhD Co-Director, Complex Adaptive Systems Initiative, Director, Transformative Healthcare Networks, Professor, School of Life Sciences, Arizona State University (ASU) |
| 29-Oct | 10:30 - 11:30 AM | Keynote | Learning from the Pointillists - Using Big Data Approaches to Embrace the Complexity of Cancer | Kenneth Buetow, PhD, FACMI Director of Computational Sciences and Informatics program for Complex Adaptive Systems and Professor in the School of Life Sciences, Arizona State University |
| 29-Oct | 12:00 - 01:00 PM | Therapeutics; Cancer Therapies & New Techniques | A Next-Gen Sequencing Software Workflow for Cancer Gene Panel Analysis | Kerri Phillips Clinical Research Product Manager, DNASTAR |
| 29-Oct | 12:00 - 01:00 PM | Molecular Profiling and Biomarkers | Improving the Robustness and Reproducibility of Quantitative Proteomics | Michael MacCoss, PhD Professor of Genome Sciences, University of Washington, School of Medicine |
| 29-Oct | 12:00 - 01:00 PM | Cancer Metabolism | Obesity, weight loss, and the microenvironment in basal-like breast cancer | Liza Makowski, PhD Assistant Professor, Nutrition, UNC Gillings School of Global Public Health |
| 29-Oct | 01:30 - 02:30 PM | Therapeutics; Cancer Therapies & New Techniques | Metabolic therapy for the adjuvant treatment of malignant brain tumors | Adrienne C. Scheck, PhD Associate Professor, Neuro-Oncology Research, Barrow Brain Tumor Research Center, Barrow Neurological Institute |
| 29-Oct | 01:30 - 02:30 PM | Molecular Profiling and Biomarkers | PDX Tumor Models for Oncology Research and Preclinical Prediction | Walter Ausserer, PhD Business Unit Management, Senior Business Unit Manager, The Jackson Laboratory |
| 29-Oct | 01:30 - 02:30 PM | Cancer Metabolism | Protein phosphatase 2A in cell survival upon metabolic stress | Mei Kong, PhD Assistant Professor, Cancer Biology, City of Hope National Medical Center |
| 29-Oct | 03:00 - 04:00 PM | Molecular Profiling and Biomarkers | Drug-tailored, efficacy-predictive and prognostic biomarker approaches for proper patient selection | Peter Blume-Jensen, MD, PhD Chief Scientific Officer, XTuit Pharmaceuticals, Inc. |
| 29-Oct | 03:00 - 04:00 PM | Molecular Profiling and Biomarkers | Molecular Prognosis in the Management of Early Stage Lung Cancer | Michael J Mann, MD Associate Professor of Surgery, Division of Adult Cardiothoracic Surgery, Chief of General Thoracic Surgery, University of California, San Francisco, VA Medical Center |

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| 29-Oct | 03:00 - 04:00 PM | Therapeutics; Cancer Therapies & New Techniques | Transforming the future of oncology with genomics | Jennifer Stone, PhD Senior Market Manager, Oncology , Illumina |
| 30-Oct | 06:00 - 07:00 AM | Molecular Profiling and Biomarkers | A platform for combining the results of WES and RNA-seq analysis | Naomi Thomson Director, Clinical Analytics and Workflow Products, CLC Bio, a Qiagen company |
| 30-Oct | 06:00 - 07:00 AM | Cancer Epigenetics | Epigenetic Dysregulation in the Pathogenesis of Myeloproliferative Neoplasms | Kristin Landis-Piwowar, PhD, MLS Assistant Professor, Biomedical Diagnostic & Therapeutic Sciences, , Oakland University |
| 30-Oct | 07:30 - 08:30 AM | Keynote | Challenges in biomarker testing in non-small cell lung cancer research | Nicola Normanno, MD Director, Research Department, Centro di Ricerche Oncologiche di Mercogliano, Naples, Italy |
| 30-Oct | 09:00 - 10:00 AM | Keynote | A head-to-head comparison of whole blood derived samples (cfDNA vs CTC DNA) for cancer research using next-generation sequencing | Paul W. Dempsey, PhD Chief Science Officer, Cynvenio |
| 30-Oct | 10:30 - 11:30 AM | Molecular Profiling and Biomarkers | Development of molecularly targeted imaging agents and identification of novel targets in cancer | Kimberly Kelly , PhD Associate Professor of Biomedical Engineering, University of Virginia |
| 30-Oct | 10:30 - 11:30 AM | Drug Discovery | Genomics in the Clinic: Promises and Challenges | John Carpten, PhD Deputy Director of Basic Science, Professor and Director Integrated Cancer Genomics Division, TGen |
| 30-Oct | 10:30 - 11:30 AM | Therapeutics; Cancer Therapies & New Techniques | Therapeutic Drug Monitoring (TDM) in Cancer Chemotherapy: A Tool for Optimizing Drug Management | William Clarke, PhD, MBA, DABCC Associate Professor of Pathology, Clinical Toxicology, Director, Point-of-Care Testing, Johns Hopkins University School of Medicine |
| 30-Oct | 12:00 - 01:00 PM | Therapeutics; Cancer Therapies & New Techniques | Breast-Predict: Leveraging the Power of Systems Medicine Towards Personalized Cancer Therapy | William M. Gallagher, BSc PhD CBiol MSB Chief Scientific Officer at OncoMark, Professor of Cancer Biology, University of Dublin |
| 30-Oct | 12:00 - 01:00 PM | Cancer Metabolism | The metabolic microenvironment in tumors and its impact on T-cell mediated immunity | Julian J. Lum, PhD Scientist BC Cancer Agency's Deeley Research Centre, Assistant Professor Department of Biochemistry and Microbiology, University of Victoria |

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| 30-Oct | 12:00 - 01:00 PM | Therapeutics; Cancer Therapies & New Techniques | What is best practice for testing for unexpected pregnancy in pediatric and adult patients prior to cancer diagnostics, imaging and therapy? | Sharon M. Geaghan, MD Chief, Pathology at Lucile Packard Children's Hospital at Stanford, Associate Professor in the Department of Pathology, Stanford University |
| 30-Oct | 01:30 - 02:30 PM | Cell Signaling | Dissecting cancer signaling pathways with chemical scalpels | Nadya Tarasova, PhD Head, Synthetic Biologics Core, Cancer and Inflammation Program, Center for Cancer Research National Cancer Institute |
| 30-Oct | 01:30 - 02:30 PM | Molecular Profiling and Biomarkers | Structural Pathways of Cancer | Ruth Nussinov, PhD Head, Computational Structural Biology Group, Senior Investigator, Center for Cancer Research, National Cancer Institute |
| 30-Oct | 03:00 - 04:00 PM | Drug Discovery | Clinical Shotgun Proteomics in Cancer Biomarker and Drug Target Research/Discovery | Josip Blonder, MD Senior Scientist, Cancer Research Technology Program, Frederick National Laboratory for Cancer Research (FNLCR) |
| 30-Oct | 03:00 - 04:00 PM | Cancer Metabolism | Probing cancer metabolism using isotope tracers to identify therapeutic targets | Christian Metallo, PhD Principal Investigator, Metallo Lab, Assistant Professor, Bioengineering, University of California, San Diego |