

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

Date	Time	Track	Presentation Title	Speaker
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

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

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

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