



CASE  
COMPREHENSIVE  
CANCER CENTER



## American Association for Cancer Research (AACR)

### [Virtual Annual Meeting Part I](#)

Saturday, April 10-Thursday, April 15, 2021

(Case CCC Members in Bold)

#### On Demand Sessions

SY03-OD - Immunotherapy: Mechanisms and determinants of efficacy

**Timothy A. Chan**, Cleveland Clinic, Cleveland, OH

April 9, 2021 - On Demand Session; From 'Omics Data to Prognostic and Predictive Biomarkers

<https://www.abstractsonline.com/pp8/#!/9325/presentation/90>

Track(s): Cancer Chemistry, Clinical Research Excluding Trials

SY07-02 - Gaining biologic insights into glioblastoma using proteomics

**Jill S. Barnholtz-Sloan**, Case Western Reserve University School of Med., Cleveland, OH

April 9, 2021 - On Demand Session; The Clinical Proteomic Tumor Analysis Consortium: Building a Proteogenomic Atlas of Cancer

<https://www.abstractsonline.com/pp8/#!/9325/presentation/143>

Track(s): Molecular and Cellular Biology/Genetics, Tumor Biology, Clinical Research Excluding Trials

#### Panel Discussions

SY07-02 - Gaining biologic insights into glioblastoma using proteomics

**Jill S. Barnholtz-Sloan**, Case Western Reserve University School of Med., Cleveland, OH

<https://www.abstractsonline.com/pp8/#!/9325/presentation/143>

April 13, 2021, 3:30 – 4:00 PM – Panel Discussion; Channel 02

<https://www.abstractsonline.com/pp8/#!/9325/session/862>

Track(s): Molecular and Cellular Biology/Genetics, Tumor Biology, Clinical Research Excluding Trials

SY03-OD - Immunotherapy: Mechanisms and determinants of efficacy

**Timothy A. Chan**, Cleveland Clinic, Cleveland, OH

<https://www.abstractsonline.com/pp8/#!/9325/presentation/90>

April 14, 2021, 2:30 PM - 3:00 PM – Panel Discussion; Channel 02

<https://www.abstractsonline.com/pp8/#!/9325/session/858>

Track(s): Cancer Chemistry, Clinical Research Excluding Trials

#### Satellite Educational Symposia

**Nathan Pennell, MD, PhD**, Program Director

**“Experts Discuss Current and Future Trends in Biomarker-Driven Therapy For NSCLC”**

Wednesday, April 14, 2021, 6:30-8:30 pm EDT; Webinar

[View agenda and register to attend](#)

### Virtual Poster Sessions

3. Deep learning-based integration of esophageal cancer morphology with genomics

*Ruchika Verma, Wei Wu, Neeraj Kumar, Elizabeth Yu, Won-Tak Choi, Sarah Umetsu, Trever Bivona*. Case Western Reserve University, Cleveland, OH, University of California, San Francisco, San Francisco, CA, University of Alberta, Edmonton, AB, Canada

April 10, 2021, 8:30 AM – 11:59 PM; MS.BSB02.01 - Integrative Data Analysis and Systems Modeling

<https://www.abstractsonline.com/pp8/#!/9325/presentation/4387>

Session Category: Bioinformatics, Convergence Science, and Systems Biology

Track(s): Bioinformatics and Systems Biology

180. Identifying signatures of vulnerability through machine learning in an umbrella trial for glioblastoma

*Matthew Eric Lee, Nanyun Tang, **Manmeet Ahluwalia**, Ekokobe Fonkem, Karen Fink, Harshil Dhurv, Harshil Dhurv, Michael E. Berens, Sen Peng*. The Translational Genomics Research Institute, Phoenix, AZ, Cleveland Clinic, Cleveland, OH, Barrow Neurological Institute, Phoenix, AZ, Baylor Scott & White Health, Dallas, TX

April 10, 2021, 8:30 AM – 11:59 PM; PO.BSB02.01 - Artificial Intelligence and Machine Learning

<https://www.abstractsonline.com/pp8/#!/9325/presentation/1260>

Session Category: Bioinformatics, Convergence Science, and Systems Biology

Track(s): Bioinformatics and Systems Biology

225. Computational analysis of 5-fluorouracil antitumor activity in colon cancer using a mechanistic pharmacokinetic/pharmacodynamic model

*Chenhui Ma, **Alexandru Almasan**, Evren Gurkan-Cavusoglu*. Case Western Reserve University, Cleveland, OH, Cleveland Clinic, Cleveland, OH

April 10, 2021, 8:30 AM – 11:59 PM; PO.BSB02.03 - Mathematical Modeling

<https://www.abstractsonline.com/pp8/#!/9325/presentation/1300>

Session Category: Bioinformatics, Convergence Science, and Systems Biology

Track(s): Bioinformatics and Systems Biology

484. Immune checkpoint inhibitor therapy for metastatic colorectal cancer: Real-world practice patterns and predictors of overall survival

*Shahla Bari, Marco Matejic, Richard Kim, Hao Xie, Estrella Carballido, Ibrahim Sahin, Benjamin Powers, Seth Felder, **Stephanie Schmit***. Moffitt Cancer Center, Tampa, FL, Cleveland Clinic, Cleveland, OH

April 10, 2021, 8:30 AM – 11:59 PM; PO.CL06.03 - Immune Checkpoints

<https://www.abstractsonline.com/pp8/#!/9325/presentation/1451>

Session Category: Clinical Research (Excluding Trials)

Track(s): Clinical Research Excluding Trials, Immunology

655. Racial difference in CXC motif chemokine receptor 4 expression in prostate cancer  
*Eswar Shankar, Gregory T. MacLennan, Sanjay Gupta*. Case Western Reserve University, Cleveland, OH, Case Western Reserve University, Cleveland, OH, Case Western Reserve University, Cleveland, OH

April 10, 2021, 8:30 AM – 11:59 PM; PO.CL11.06 - Prognostic Biomarkers

<https://www.abstractsonline.com/pp8/#!/9325/presentation/1713>

Session Category: Clinical Research (Excluding Trials)

Track(s): Clinical Research Excluding Trials

750. Race differences in telomere length in benign prostate and subsequent risk of prostate cancer

*Benjamin A. Rybicki, Sudha M. Sadasivan, Yalei Chen, Ian Loveless, Niles S. Gupta, Dhananjay A. Chitale, Sean R. Williamson, Andrew G. Rundle, Deliang Tang*. Henry Ford Hospital, Detroit, MI, Cleveland Clinic, Cleveland, OH, Columbia University, New York, NY

April 10, 2021, 8:30 AM – 11:59 PM; PO.EP01.01 - Biomarkers of Endogenous or Exogenous Exposures, Early Detection, and Biologic Effects

<https://www.abstractsonline.com/pp8/#!/9325/presentation/1793>

Session Category: Epidemiology

Track(s): Epidemiology

824. Germline genetic regulation of the adaptive immune response in colorectal cancer

*Stephanie L. Schmit, Ya-Yu Tsai, Joseph Bonner, Rebeca Sanz-Pamplona, Amit D. Joshi, Sidney S. Lindsey, Marilena Melas, Kevin J. McDonnell, Gregory E. Idos, Christopher P. Walker, W. Martin Kast, Diane Da Silva, Tomotaka Ugai, Hedy S. Rennert, Harlan S. Robins, Joel K. Greenson, Shuji Ogino, Victor Moreno, Gad Rennert, Stephen B. Gruber*. Cleveland Clinic, Cleveland, OH, City of Hope National Medical Center, Duarte, CA, Catalan Institute of Oncology, Barcelona, Spain, Massachusetts General Hospital and Harvard Medical School; Harvard T.H. Chan School of Public Health, Boston, MA, Nationwide Children's Hospital, Columbus, OH, University of Southern California; Norris Comprehensive Cancer Center, Los Angeles, CA, University of Southern California, Los Angeles, CA, Brigham and Women's Hospital and Harvard Medical School; Harvard T.H. Chan School of Public Health, Boston, MA, Clalit Health Services National Cancer Control Center, Haifa, Israel, Adaptive Biotechnologies Corp., Seattle, WA, University of Michigan, Ann Arbor, MI, Brigham and Women's Hospital and Harvard Medical School; Harvard T.H. Chan School of Public Health; Dana-Farber Cancer Institute, Boston, MA

April 10, 2021, 8:30 AM – 11:59 PM; PO.EP01.09 - Genome-Wide Association Studies (GWAS) / Post-GWAS

<https://www.abstractsonline.com/pp8/#!/9325/presentation/1893>

Session Category: Epidemiology

Track(s): Epidemiology

835. T-cell abundance, clonality and disease specific survival in colorectal cancer

*Joseph Bonner, Stephanie L. Schmit, Sidney S. Lindsey, Ya-Yu Tsai, Rebeca Sanz-Pamplona, M. Henar Alonso, Marilena Melas, Hedy S. Rennert, Kevin J. McDonnell, Gregory Idos, Christopher P. Walker, W. Martin Kast, Diane Da Silva, Harlan S. Robins, Joel K. Greenson, Victor Moreno, Gad Rennert, Stephen B. Gruber*. City Of Hope, Duarte, CA, Cleveland Clinic Foundation, Cleveland, OH, Cleveland Clinic

Foundation, Cleveland, OH, L'Hospitalet, Barcelona, Spain, Nationwide Children's Hospital, Columbus, OH, Technion-Israel Institute of Technology, Haifa, Israel, University of Southern California, Los Angeles, CA, Adaptive Biotechnologies, Seattle, WA, University of Michigan, Ann Arbor, MI

April 10, 2021, 8:30 AM – 11:59 PM; PO.EP01.11 - Infection and Immune Factors

<https://www.abstractsonline.com/pp8/#!/9325/presentation/4375>

Session Category: Epidemiology

Track(s): Epidemiology

863. Circadian gene expression in metastatic sites and association with survival in metastatic castration-resistant prostate cancer

*Benjamin D. Booker, Konrad H. Stopsack, Travis A. Gerke, Kathryn L. Penny, Philip W. Kantoff, Lorelei A. Mucci, Sarah C. Markt*, PCF/SU2C International Prostate Cancer Dream Team. Case Western Reserve University School of Medicine, Cleveland, OH, Memorial Sloan Kettering Cancer Center, New York, NY, Moffitt Cancer Center, Tampa, FL, Harvard TH Chan School of Public Health, Boston, MA

April 10, 2021, 8:30 AM – 11:59 PM; PO.EP01.12 - Next-Generation Sequencing in Epidemiology Studies

<https://www.abstractsonline.com/pp8/#!/9325/presentation/1903>

Session Category: Epidemiology

Track(s): Epidemiology

1088. Advancing non-cytotoxic DNMT1-targeting to treat chemorefractory pancreatic cancer

*Rita Tohme, Francis Enane, Caroline Schuerger, Xiaorong Gu, Melissa Fishel, John Pink, Daniel Lindner, Davendra Sohal, Yogen Saunthararajah*. Cleveland Clinic, Cleveland, OH, Indiana University School of Medicine, Indianapolis, IN, Case Western Reserve University, Cleveland, OH, University of Cincinnati, Cincinnati, OH

April 10, 2021, 8:30 AM – 11:59 PM; PO.ET03.01 - Drug Resistance in Molecular Targeted Therapies

<https://www.abstractsonline.com/pp8/#!/9325/presentation/2131>

Session Category: Experimental and Molecular Therapeutics

Track(s): Experimental and Molecular Therapeutics

1126. Solute carrier (SLC) transporter-mediated metabolic reprogramming during enzalutamide resistance in prostate cancer

*Shiv Shankar Verma, Eswar Shankar, Ricky Chan, Sanjay Gupta*. Case Western Reserve University, Cleveland, OH

April 10, 2021, 8:30 AM – 11:59 PM; PO.ET03.02 - Drug Transport and Metabolism

<https://www.abstractsonline.com/pp8/#!/9325/presentation/2173>

Session Category: Experimental and Molecular Therapeutics

Track(s): Experimental and Molecular Therapeutics

1618. Inhibition of lung tumorigenesis by a novel small molecule CA170 targeting the immune checkpoint protein VISTA

*Jing Pan, Yao Chen, Qi Zhang, Achia Khatun, Katie Palen, Li Wang, Chuanjia Yang, Bryon D. Johnson, Charles R. Myers, Shizuko Sei, Robert H. Shoemaker, Ronald A. Lubet, Yian Wang, Weiguo Cui, Ming You.* Medical College of Wisconsin, Milwaukee, WI, Cleveland Clinic Foundation, Cleveland, OH, National Cancer Institute, Bethesda, MD

April 10, 2021, 8:30 AM – 11:59 PM; PO.IM02.03 - Immune Checkpoints

<https://www.abstractsonline.com/pp8/#!/9325/presentation/2719>

Session Category: Immunology

Track(s): Immunology, Clinical Research Excluding Trials

1698. Cardiovascular adverse events associated with immune checkpoint blockade: analysis of FDA-adverse events database

*Jessica A. Castrillon.* Cleveland Clinic Foundation, Cleveland, OH

April 10, 2021, 8:30 AM – 11:59 PM; PO.IM02.06 - Immune Response to Therapies

<https://www.abstractsonline.com/pp8/#!/9325/presentation/2799>

Session Category: Immunology

Track(s): Immunology, Clinical Research Excluding Trials

2170. Proteogenomic and metabolomic characterization of human glioblastoma

*iang-Bo Wang, Alla Karpova, Marina A. Gritsenko, Jennifer E. Kyle, Song Cao, Yize Li, Dmitry Rykunov, Antonio Colaprico, Joseph Rothstein, Runyu Hong, Vasileios Stathias, MacIntosh Cornwell, Francesca Petralia, Richard D. Smith, Antonio Iavarone, Milan G. Chheda, Jill S. Barnholtz-Sloan, Karin D. Rodland, Tao Liu, Li Ding,* Clinical Proteomic Tumor Analysis Consortium. Washington University in St. Louis, St. Louis, MO, Pacific Northwest National Laboratory, Richland, WA, Icahn School of Medicine at Mount Sinai, New York, NY, University of Miami Miller School of Medicine, Miami, FL, Icahn Institute of Genomics Icahn School of Medicine at Mount Sinai, New York, NY, NYU Grossman School of Medicine, New York, NY, Icahn Institute of Icahn School of Medicine at Mount Sinai, New York, NY, Columbia University Medical Center, New York, NY, Case Western Reserve University School of Medicine, Cleveland, OH

April 10, 2021, 8:30 AM – 11:59 PM; PO.MCB09.02 - Genomic Profiling of Tumors

<https://www.abstractsonline.com/pp8/#!/9325/presentation/3390>

Session Category: Molecular and Cellular Biology / Genetics

Track(s): Molecular and Cellular Biology / Genetics

2271. Potential small-molecule inhibitors of the Tiam1 oncogene product

*Claire Fritz, Michaela Stamper, Stephen Valentino, Lynn Ulatowski, Meghana Gupta, Varsha Thakur, Stacey Chung, Nick DeHann, Christian Laggner, **Danny Manor.*** Case Western Reserve University, Cleveland, OH, Ursulain College, Pepper Pink, OH, Atomwise Inc, San Francisco, CA, Atomwise Inc, San Francisco, CA

April 10, 2021, 8:30 AM – 11:59 PM; PO.MCB01.04 - GTPases, Their Regulators, and Effectors

<https://www.abstractsonline.com/pp8/#!/9325/presentation/3003>

Session Category: Molecular and Cellular Biology / Genetics

Track(s): Molecular and Cellular Biology / Genetics

2303. Development of a novel class of small molecule PP2A activators

**Derek Taylor**, Goutham Narla. Case Western Reserve University, Cleveland, OH, The University of Michigan, Ann Arbor, MI

April 10, 2021, 8:30 AM – 11:59 PM; PO.MCB01.05 - Kinases and Phosphatases

<https://www.abstractsonline.com/pp8/#!/9325/presentation/3019>

Session Category: Molecular and Cellular Biology / Genetics

Track(s): Molecular and Cellular Biology / Genetics

2499. SerpinA6 and its potential role in prostate cancer progression.

*Ilaha Isali, Jatinder Kumar, Nishka Shukla, Ahmad Khalifa, Sanjeev Shukla*. Case Western Reserve University, Cleveland, OH, University of Florida, Jacksonville, FL, Case Western Reserve University, Cleveland, OH

April 10, 2021, 8:30 AM – 11:59 PM; PO.MCB03.07 - Tumor Suppressor Genes

<https://www.abstractsonline.com/pp8/#!/9325/presentation/3106>

Session Category: Molecular and Cellular Biology / Genetics

Track(s): Molecular and Cellular Biology / Genetics

2584. Leukemia latency in the mCG-PML-RAR $\alpha$  mouse model is impacted by sex and obesity

*John W. R. Kincaid, Annie E. Hill-Baskin, Nathan A. Berger*. Case Western Reserve University School of Medicine, Cleveland, OH, Case Western Reserve University School of Medicine, Cleveland, OH, Case Western Reserve University School of Medicine, Cleveland, OH

April 10, 2021, 8:30 AM – 11:59 PM; PO.PR01.01 - Preclinical Prevention, Early Detection, and Interception

<https://www.abstractsonline.com/pp8/#!/9325/presentation/3588>

Session Category: Prevention, Early Detection, and Interception

Track(s): Prevention Research

2594. Reactivation of maspin by plant flavone apigenin through inhibition of class I HDACs and increase in p53 transcriptional activity in prostate cancer cells

*Eswar Shankar, Albert Lee, Rajnee Kanwal, Sanjay Gupta*. Case Western Reserve University, Cleveland, OH, Case Western Reserve University, Cleveland, OH

April 10, 2021, 8:30 AM – 11:59 PM; PO.PR01.01 - Preclinical Prevention, Early Detection, and Interception

<https://www.abstractsonline.com/pp8/#!/9325/presentation/3598>

Session Category: Prevention, Early Detection, and Interception

Track(s): Prevention Research

2609. Hypoxia-mediated downregulation of GCNT2/I-antigen in metastatic melanoma accelerates disease progression and mortality

*Asmi Chakraborty, Mariana Perez, Norhan B. B Mohammed, Michael Wells, James S. Wilmott, John F. Thompson, Stuart M. Haslam, Wei Wang, Richard A. Scolyer, George F. Murphy, Charles J. Dimitroff.* Florida International University, Miami, FL, Case Western School of Medicine, Cleveland, OH, Melanoma Institute Australia, Sydney, Australia, Imperial College London, London, United Kingdom, Brigham and Women's Hospital, Boston, MA, Harvard Medical School, Boston, MA

April 10, 2021, 8:30 AM – 11:59 PM; PO.PR01.01 - Preclinical Prevention, Early Detection, and Interception

<https://www.abstractsonline.com/pp8/#!/9325/presentation/3614>

Session Category: Prevention, Early Detection, and Interception

Track(s): Prevention Research

2737. Clinical and epidemiologic predictors of clonal immune responses in colorectal cancer

*Stephen B. Gruber, Joseph D. Bonner, Sidney S. Lindsey, Ya-Yu Tsai, Rebeca Sanz-Pamplona, M. Henar Alonso, Marilena Melas, Hedy S. Rennert, Kevin J. McDonnell, Gregory E. Idos, Christopher P. Walker, W. Martin Kast, Diane Da Silva, Harlan S. Robins, Joel K. Greenson, Victor Moreno, **Stephanie L. Schmit**, Gad Rennert.* City of Hope National Medical Center and Beckman Research Institute, Duarte, CA, Cleveland Clinic Foundation, Cleveland, OH, Cleveland, OH, Catalan Institute of Oncology (ICO), Oncobell Program, Bellvitge Biomedical Research Institute (IDIBELL) and CIBERESP, L'Hospitalet de Llobregat, Barcelona, Spain, Nationwide Children's Hospital, Columbus, OH, Carmel Medical Center and Faculty of Medicine, Technion-Israel Institute of Technology, Clalit National Cancer Control Center, Haifa, Israel, Keck School of Medicine, University of Southern California, Los Angeles, CA, Adaptive Biotechnologies, Seattle, WA, University of Michigan, Ann Arbor, MI

April 10, 2021, 8:30 AM – 11:59 PM; PO.TB06.04 - Immune Cells in the Tumor Microenvironment

<https://www.abstractsonline.com/pp8/#!/9325/presentation/4013>

Session Category: Tumor Biology

Track(s): Tumor Biology

2751. Secreted fatty acids from head and neck cancer cell lines mediate M2-like macrophage polarization

*Marwah M. Albakri, **Stanley C. Huang**, Hammad Tashkandi, Scott F. Sieg.* Case Western Reserve University, Cleveland, OH, Moffitt Cancer Center and Research Institute, Tampa, FL

April 10, 2021, 8:30 AM – 11:59 PM; PO.TB06.04 - Immune Cells in the Tumor Microenvironment

<https://www.abstractsonline.com/pp8/#!/9325/presentation/4028>

Session Category: Tumor Biology

Track(s): Tumor Biology

## Clinical Trials

CT005. T cell inflammation in the tumor microenvironment after agonist CD40 antibody: Clinical and translational results of a neoadjuvant clinical trial

*Katelyn T. Byrne, Courtney B. Betts, Rosemarie Mick, Shamilene Sivagnanam, David L. Bajor, Daniel A. Laheru, E. Gabriela Chiorean, Mark H. O'Hara, Shannon M. Liudahl, Craig Newcomb, Cécile Alanio, Ana P. Ferreira, Byung S. Park, Takuya Ohtani, Austin P. Huffman, Sara A. Väyrynen, Andressa Dias Costa, Judith C. Kaiser, Andreea M. Lacroix, Colleen Redlinger, Martin Stern, Jonathan A. Nowak, E. John Wherry, Martin A. Cheever, Brian M. Wolpin, Emma E. Furth, Elizabeth M. Jaffee, Lisa M. Coussens, Robert H. Vonderheide.* Abramson Cancer Center, Parker Institute for Cancer Immunotherapy, Perelman School of Medicine, University of Pennsylvania, Philadelphia, PA, Philadelphia, PA, Department of Cell, Developmental and Cancer Biology, Knight Cancer Institute, Oregon Health and Science University, Portland, OR, Abramson Cancer Center, Department of Biostatistics, Epidemiology, and Informatics, Perelman School of Medicine, University of Pennsylvania, Philadelphia, PA, Philadelphia, PA, Case Comprehensive Cancer Center, Cleveland, OH, Sidney Kimmel Comprehensive Cancer Center, Johns Hopkins University, Baltimore, MD, University of Washington School of Medicine, Fred Hutchinson Cancer Research Center, Seattle, WA, Abramson Cancer Center, Perelman School of Medicine, University of Pennsylvania, Philadelphia, PA, Department of Biostatistics, Epidemiology, and Informatics, Perelman School of Medicine, University of Pennsylvania, Philadelphia, PA, Philadelphia, PA, Department of Systems Pharmacology and Translational Therapeutics, Institute for Immunology, Parker Institute for Cancer Immunotherapy, Perelman School of Medicine, University of Pennsylvania, Philadelphia, PA, Philadelphia, PA, Knight Cancer Institute, Oregon Health and Science University-Portland State University School of Public Health, Portland, OR, Department of Systems Pharmacology and Translational Therapeutics, Institute for Immunology, Perelman School of Medicine, University of Pennsylvania, Philadelphia, PA, Philadelphia, PA, Philadelphia, PA, Abramson Cancer Center, Perelman School of Medicine, University of Pennsylvania, Philadelphia, PA, Philadelphia, PA, Department of Medical Oncology, Dana Farber Cancer Institute, Harvard Medical School, Boston, MA, Fred Hutchinson Cancer Research Center, Seattle, WA, Roche Pharma Research and Early Development, Roche Innovation Center, Zurich, Switzerland, Department of Pathology, Brigham and Women's Hospital, Harvard Medical School, Boston, MA

April 10, 2021, 3:30 PM – 3:45 PM; Channel 02

<https://www.abstractsonline.com/pp8/#!/9325/presentation/5136>

Session: CTPL02 - Immuno-oncology and Cell Therapy Trials

Track(s): Clinical Trials, Immunology

CT240. LUMINOS-101: Phase 2 study of PVSRIPO with pembrolizumab in recurrent glioblastoma  
*Andrea True Kelly, Prakash Ambady, Michael Brown, Nicholas Butowski, Robert Cavaliere, William Curry, Annick Desjardins, Lisa Franklin, Henry Friedman, Matthias Gromeier, LeAnn Jackson, Lori Mixson, Shirley Ong, Dina Randazzo, Andrew Sloan, Patrick Wen, Garrett Nichols.* Istari Oncology, Inc., Morrisville, NC, Oregon Health & Science University, Portland, OR, Duke University, Durham, NC, University of California, San Francisco, CA, Baptist MD Anderson Cancer Center, Jacksonville, FL, Mass General Cancer Center, Boston, MA, The Preston Robert Tisch Brain Tumor Center at Duke U, Durham, NC, The Ohio State University Wexner Medical Center, Columbus, OH, Duke University Medical Center, Durham, NC, University Hospitals Cleveland Medical Center & Seidman Cancer Center, Columbus, OH, Dana-Farber Cancer Institute, Boston, MA

April 10, 2021, 8:30 AM – 11:59 PM; PO.CT08.02 - Phase II Clinical Trials in Progress

<https://www.abstractsonline.com/pp8/#!/9325/presentation/4850>

Session Category: Phase II Clinical Trials in Progress

Track(s): Clinical Trials



CT259. Pivotal Study of the LUM Imaging System for assisting intraoperative detection of residual cancer in the tumor bed of female patients with breast cancer

*Jorge Ferrer, David Carr, Peter Blumencranz, Irene Wapnir, Donna Dyess, Shelly Hwang, Nayana Dekhne, Daleela Dodge, Beth-Ann Lesnikoski, Kelly Hunt, Patricia Clark, Stephanie Valente, M. Catherine Lee, Lynne Clark, Brian Schlossberg, Sean Madden, Alejandra Rodriguez, Kate Smith, Manna Chang, Barbara Smith.* Lumicell, Inc, Newton, MA, Novant Health, Winston-Salem, NC, Baycare Medical Group, Clearwater, FL, Stanford University, Palo Alto, CA, University of South Alabama, Mobile, AL, Duke University, Durham, NC, Beaumont Medical Center, Royal Oak, MI, Penn State Health, Hershey, PA, Baptist Health, Jacksonville, FL, MD Anderson, Houston, TX, Ironwood Medical Center, Scottsdale, AZ, Cleveland Clinic, Cleveland, OH, Moffitt Cancer Center, Tampa, FL, CHI Franciscan, Tacoma, WA, MGH, Boston, MA

April 10, 2021, 8:30 AM – 11:59 PM; PO.CT08.03 - Phase III Clinical Trials in Progress

<https://www.abstractsonline.com/pp8/#!/9325/presentation/4865>

Session Category: Phase III Clinical Trials in Progress

Track(s): Clinical Trials

### Late Breaking Abstracts

LB013. Clinical validation of a targeted methylation-based multi-cancer early detection test

***Eric A. Klein***, Donald Richards, Allen Cohn, Mohan Tummala, Rosanna Lapham, David Cosgrove, Gina Chung, Jessica Clement, Jingjing Gao, Nathan Hunkapiller, Arash Jamshidi, Kathryn Kurtzman, Michael V. Seiden, Charles Swanton, Minetta C. Liu. Cleveland Clinic, Cleveland, OH, The U.S. Oncology Network, Tyler, TX, The U.S. Oncology Network, Denver, CO, Mercy Clinic Cancer & Hematology, Springfield, MO, Spartanburg Regional Healthcare System, Charlotte, NC, Compass Oncology, Vancouver, WA, The Christ Hospital Health Network, Cincinnati, OH, Hartford Healthcare Cancer Institute, Hartford, CT, GRAIL, Inc., Menlo Park, CA, U.S. Oncology Research, The Woodlands, TX, The Francis Crick Institute & University College London Cancer Institute, London, United Kingdom, Mayo Clinic, Rochester, MN

April 10, 2021, 8:30 AM – 11:59 PM; MS.LBA02 - Late-Breaking Minisymposium 2

<https://www.abstractsonline.com/pp8/#!/9325/presentation/4775>

Track(s): Tumor Biology, Clinical Research Excluding Trials, Epidemiology, Molecular and Cellular Biology/Genetics

LB058. Performance of a cell-free DNA-based multi-cancer detection test as a tool for diagnostic resolution of symptomatic cancers

*Alan H. Bryce, Minetta C. Liu, Michael V. Seiden, David D. Thiel, Donald Richards, Carlos Becerra, Kathryn N. Kurtzman, Xiaoji Chen, Tony Wu, Quan Zhang, Jingjing Gao, Nan Zhang, Earl Hubbell, Arash Jamshidi, Eric T. Fung, Eric A. Klein.* Mayo Clinic, Phoenix, AZ, Mayo Clinic, Rochester, MN, US Oncology Research, The Woodlands, TX, Mayo Clinic, Jacksonville, FL, US Oncology Research, Tyler, TX, GRAIL, Inc., Menlo Park, CA, Cleveland Clinic, Cleveland, OH

April 10, 2021, 8:30 AM – 11:59 PM; PO.CL11.04 - Liquid Biopsies: Circulating DNA

<https://www.abstractsonline.com/pp8/#!/9325/presentation/4553>

Session Category: Clinical Research (Excluding Trials)

Track(s): Clinical Research Excluding Trials

LB197. An SU2C-Mark Foundation Lung collaborative update: integrative genomics identifies distinct transcriptional states associated with checkpoint blockade resistance

*Monica B. Arniella, Arvind Ravi, Justin Gainor, Chip Stewart, Sam Freeman, Mark Awad, Patrick Forde, Valsamo Anagnostou, Brian Henick, Jonathan W. Riess, Don Gibbons, **Nathan Pennell**, Vamsidhar Velcheti, Ignaty Leshchiner, Jaegil Kim, Subba Digumarthy, Mari Mino-Kenudson, John Heymach, Nir Hacohen, Naiyer Rizvi, Roy Herbst, Victor E. Velculescu, Julie Brahmer, Kurt Schalper, Pasi Jänne, Jedd Wolchok, Alice Shaw, Gad Getz, Matthew D. Hellman.* Broad Institute of MIT and Harvard, Cambridge, MA, Massachusetts General Hospital, Boston, MA, Dana-Farber Cancer Institute, Boston, MA, Johns Hopkins Kimmel Cancer Center, Baltimore, MD, Columbia University Medical Center, New York City, NY, UC Davis Comprehensive Cancer Center, Sacramento, CA, MD Anderson Cancer Center, Houston, TX, Cleveland Clinic Cancer Center, Cleveland, OH, Yale Cancer Center, New Haven, CT, Memorial Sloan Kettering Cancer Center, New York City, NY, Memorial Sloan Kettering, New York City, NY

April 10, 2021, 8:30 AM – 11:59 PM; PO.MCB09.02 - Genomic Profiling of Tumors

<https://www.abstractsonline.com/pp8/#!/9325/presentation/4698>

Session Category: Molecular and Cellular Biology/Genetics

Track(s): Molecular and Cellular Biology/Genetics

LB239. CryoViz™ and photoacoustic imaging for assessment of tumor vasculature in mouse models of pancreatic tumors

*Madhusudhana Gargasha, Shreya Goel, Bryan Scott, Mark D. Pagel, Debashish Roy.* BioInVision, Inc., Cleveland, OH, MD Anderson Cancer Center, Houston, TX

April 10, 2021, 8:30 AM – 11:59 PM; PO.TB07.01 - In Vivo Imaging

<https://www.abstractsonline.com/pp8/#!/9325/presentation/4735>

Session Category: Tumor Biology

Track(s): Tumor Biology