American Association for Cancer Research (AACR)
Annual Meeting
Friday, March 29-Wednesday, April 3, 2019
(Case CCC Members in Bold)

Poster Session

172 / 19 - BCL11A regulation of extracellular matrix genes may be necessary for invasion of triple-negative breast cancer
Natasha N. Ingles, Darcie Seachrist, Ruth Keri. Case Western Reserve University, Cleveland, OH
Session PO.TB04.04 Genes That Regulate Migration and Invasion
March 31, 2019, 1:00 PM – 5:00 PM; Section 7
https://www.abstractsonline.com/pp8/#I/6812/presentation/6770

390 / 22 - Prostate cancer progression depends on the activity of the mitotic kinase citron kinase
Salma Ben-Salem1, Salam Bachour1, Varadha Balaji Venkadakrishnan1, Yixue Su1, Eduardo Cortes Gomez2, Qiang Hu2, Eric Klein1, Nicolas Marlo1, Cristina Magi-Galluzzi1, Liu Song2, Hannelore V. Heemers1. 1Cleveland Clinic, Cleveland, OH; 2Roswell Park Comprehensive Cancer Center, Buffalo, NY
Session PO.ET04.02. New Molecular Targets
March 31, 2019, 1:00PM – 5:00 PM; Section 15
https://www.abstractsonline.com/pp8/#I/6812/presentation/2070

686 / 19 - Quantitative analysis of the role of homologous recombination in response to radiotherapy for prostate cancer
Mengdi Qian1, Alexandru Almasan2, Evren Gürkan-Çavusoglu1. 1Case Western Reserve Univ., Cleveland, OH; 2Cleveland Clinic, Cleveland, OH
Session PO.BSB02.01. Convergence Science for Therapeutics and Precision Medicine
March 31, 2019, 1:00 PM – 5:00 PM; Section 30
https://www.abstractsonline.com/pp8/#I/6812/presentation/1743

734 / 8 - Large-scale radiogenomic profiling of patient derived xenografts (PDX)
Priyanka Gopal, Titas Bera, Craig Peacock, Mohamed Abazeed. Cleveland Clinic, Cleveland, OH
Session PO.MCB09.01. Cancer Genomics 1
March 31, 2019, 1:00 PM – 5:00 PM; Section 33
https://www.abstractsonline.com/pp8/#I/6812/presentation/3349

776 / 20 - Posttranscriptional control of steroid biosynthesis pathway in prostate cancer
Asmita Bhattarai, Girish C. Shukla. Cleveland State University, Cleveland, OH
Session PO.MCB10.01. miRNA Regulation of Cancer Biology
March 31, 2019, 1:00 PM – 5:00 PM; Section 34
https://www.abstractsonline.com/pp8/#I/6812/presentation/7013
Intranasal brain delivery using NEO100 for recurrent glioblastoma

Thomas C. Chen1, Naveed Wagle2, David Peereboom3, Lynne Taylor4. 1USC Keck School of Medicine, La Canada Flintridge, CA; 2USC Keck School of Medicine, Los Angeles, CA; 3Cleveland Clinic, Cleveland, OH; 4University of Washington, Seattle, WA

Session PO.CT02. Phase 1 Clinical Trials: Part 2
April 1, 2019, 8:00 AM – 12:00 PM; Section 17
https://www.abstractsonline.com/pp8/#/l/6812/presentation/9879

Identifying small molecules that specifically inhibit glioma stem cells

Anthony R. Sloan, Raffaella Spina, Dillon M. Voss, Sophie Laye, Eli E. Bar. Case Western Reserve University School of Medicine, Cleveland, OH

Session PO.TB02.03. Regulation of Cancer Stem Cell Stemness, Epithelial Mesenchymal Transition, and the Microenvironment
April 1, 2019, 8:00 AM – 12:00 PM; Section 8
https://www.abstractsonline.com/pp8/#/l/6812/presentation/1344

Circadian clock gene expression and lethal prostate cancer outcomes

Sarah C. Markt1, Ericka Ebot2, Iona Cheng3, Lynne Wilkens4, Ayesha Shafi5, Karen Knudsen5, Kathryn Penney6, Lorelei Mucci2, Travis Gerke7. 1Case Western Reserve University, Cleveland, OH; 2Harvard T.H. Chan School of Public Health, Boston, MA; 3UCSF, San Francisco, CA; 4University of Hawaii, Honolulu, HI; 5Thomas Jefferson University, Philadelphia, PA; 6Channing Division of Network Medicine, Boston, MA; 7Moffitt Cancer Center, Tampa, FL

Session PO.EP01.08 - Genetics and Genomics 1: Outcomes
April 1, 2019, 8:00 AM - 12:00 PM; Section 26
https://www.abstractsonline.com/pp8/#/l/6812/presentation/2005

LIN9 regulation of NEK2 underlies taxol resistance in triple-negative breast cancer

Melyssa S. Shively, Ruth A. Keri. Case Western Reserve University, Cleveland, OH

Session PO.ET03.03. Drug Resistance 3
April 1, 2019, 1:00 PM – 5:00 PM; Section 11
https://www.abstractsonline.com/pp8/#/l/6812/presentation/1614
2505 / 1 - Comprehensive molecular and genomic characterization of pancreatic tropism in metastatic renal cell carcinoma
Nirmish Singla¹, Jacob Choi², Oreoluwa Onabolu³, Layton Woolford¹, Christina Stevens¹, Vanina Tcheuyap¹, Tiffani McKenzie¹, Zhiqun Xie¹, Tao Wang¹, Renee McKay¹, Alana Christie¹, Payal Kapur¹, Brian Rini², James Brugarolas³. ¹University of Texas Southwestern Medical Center, Dallas, TX; ²Cleveland Clinic, Cleveland, OH
Session PO.MCB09.04. Cancer Genomics 3
April 1, 2019, 1:00 PM – 5:00 PM; Section 33
https://www.abstractsonline.com/pp8/#!/6812/presentation/3479

CT172 / 16 - Phase III METIS study: Tumor Treating Fields (150 kHz) and radiosurgery for supra- and/or infratentorial brain metastases (1-10) from non-small cell lung cancer (NSCLC)
Minish P Mehta¹, Vinai Gondi², Manmeet Ahluwalia³, Paul D. Brown⁴. ¹Baptist Health South Florida and Miami Cancer Institute, Miami, FL; ²Northwestern Medicine Cancer Center, Warrenville, IL; ³Cleveland Clinic, Cleveland, OH; ⁴Mayo Clinic, Rochester, MN
Session PO.CT06. Phase I-III Trials in Progress: Part 2
April 2, 2019, 8:00 AM – 12:00 PM; Section 17
https://www.abstractsonline.com/pp8/#!/6812/presentation/10012

2780 / 16 - IL13RA2 is differentially regulated in papillary thyroid carcinoma versus follicular thyroid carcinoma
Siao Ting Chong¹, Catherine Y. L. Kok¹, Khee Ming Tan¹, Shou Ping Guan¹, Siang Hui Lai², Cindy Lim¹, Jiancheng Hu¹, Charles Sturgis³, Charis Eng⁴, Paula Y. P. Lam¹, Joanne Ngeow¹. ¹National Cancer Centre, Singapore; ²Singapore General Hospital, Singapore; ³Cleveland Clinic, Cleveland, OH; ⁴Case Western Reserve University School of Medicine, Cleveland, OH
Session PO.TB04.03. Expression Profiling and Biomarkers of Tumor Progression and Metastasis
April 2, 2019, 8:00 AM – 12:00 PM; Section 2
https://www.abstractsonline.com/pp8/#!/6812/presentation/6721

2897 / 4 - Dynamic transdifferentiation programs in small cell lung carcinoma
Priyanka Gopal, Kevin Rogacki, Craig D. Peacock, Mohamed E. Abazeed. Cleveland Clinic, Cleveland, OH
Session PO.TB10.01. Tumor Evolution and Heterogeneity 1
April 2, 2019, 8:00 AM – 12:00 PM; Section 7
https://www.abstractsonline.com/pp8/#!/6812/presentation/3985

2916 / 4 - Delineating the radiogenomic landscape of cancer through systematic annotation of genetic variants
Brian Yard, Aaron Petty, Mohamed Abazeed. Cleveland Clinic, Cleveland, OH
Session PO.TB09.01. Tumor Radiosensitivity or Resistance
April 2, 2019, 8:00 AM – 12:00 PM; Section 8
https://www.abstractsonline.com/pp8/#!/6812/presentation/5625
A novel combination therapy for treating advanced drug resistant acute lymphoblastic leukemia

Yorleny M. Vicioso, Rose Beck, Herman Gram, Abhishek Asthana, Keman Zhang, Derek Wong, John Letterio, Reshmi Parameswaran. 1Case Western Reserve University, Cleveland, OH; 2Novartis Institutes, Basel, Switzerland

Session PO.IM02.04 - Adoptive Cell Therapy 3
April 2, 2019, 8:00 AM - 12:00 PM; Section 22
https://www.abstractsonline.com/pp8/#/6812/presentation/2641

Acute myeloid leukemia stem cell heterogeneity and RNA clonal expansion during disease progression and relapse

Lindsay C. Stetson, Dheepa Balasubramanian, Anne Roe, Susan Pereira Ribeiro, Xuan Xu, Slim Fourati, Ashish Sharma, Samuel Li, Yogen Saunthararajah, Jaroslaw Maciejewski, Thomas LaFramboise, Jill Barnholtz-Sloan, Rafick-Pierre Sekaly, David Wald. 1Case Western Reserve University, Cleveland, OH; 2Cleveland Clinic Foundation, Cleveland, OH

Session PO.BSB01.01. Applications of Cancer Computational Biology 1
April 2, 2019, 8:00 AM – 12:00 PM; Section 31
https://www.abstractsonline.com/pp8/#/6812/presentation/6046

miR-181a is a key driver of genomic instability and ovarian cancer tumorigenesis through the regulation of RB1

Matthew Knarr, Lily Kwiatkowski, Anil Nagaraj, Ronny Drapkin, Analisa DiFeo. 1Case Western Reserve University, Cleveland, OH; 2University of Pennsylvania, Philadelphia, PA; 3University of Michigan, Ann Arbor, MI

Session PO.MCB10.04. miRNAs as Tumor Suppressors/Oncogenes
April 2, 2019, 8:00 AM – 12:00 PM; Section 37
https://www.abstractsonline.com/pp8/#/6812/presentation/7124

A crowd-control approach for castration-resistant prostate cancer therapeutics

Girish C. Shukla. Cleveland State Univ., Cleveland, OH

Session PO.MCB10.04. miRNAs as Tumor Suppressors/Oncogenes
April 2, 2019, 8:00 AM – 12:00 PM; Section 37
https://www.abstractsonline.com/pp8/#/6812/presentation/7126

MALAT1 is essential for A-NHEJ pathway choice during B cell immunoglobulin class switch recombination

Jianjun Zhao, Yi Hu, Jianhong Lin, Hua Fang. Cleveland Clinic Lerner Research Institute, Cleveland, OH

Session PO.MCB10.06. Noncoding RNAs 2
April 2, 2019, 8:00 AM – 12:00 PM; Section 38
https://www.abstractsonline.com/pp8/#/6812/presentation/7207

Expansion into multiple institutions for training in the use of the LUM Imaging System for intraoperative detection of residual cancer in the tumor bed of female subjects with breast cancer

Kate Smith, Jorge M. Ferrer, Barbara L. Smith, E. Shelley Hwang, Kelly K. Hunt, Daleela G. Dodge, Stephen E. Karp, Stephanie A. Valente, Irene L. Wapnir, Lynne P. Clark, David R. Carr, Peter D. Beitsch, Donna L. Dyess, Beth-Ann Lesnikoski, Peter W. Blumencranz, Nayana S. Dekhne, Linsey P. Gold, Anees Chagpar, Katherine Kacena, Livia Gjylameti, Felix Geissler. 1Lumicell, Inc., Newton, MA; 2Massachusetts General Hospital, Boston, MA; 3Duke University, Durham, NC; 4The University of Texas MD Anderson Cancer Center, Houston, TX; 5Penn State Health Milton S. Hershey Medical Center,
4013 / 6 - CoA Synthase (COASY): A novel predictive marker and functional protein that mediates radiation resistance via PI3K signaling in rectal cancer
Sylvain Ferrandon, Jennifer DeVecchio, Leonardo Duares, Hanuman Chouhan, Jacqueline Davenport, Georgios Karagkounis, Matthew Orloff, David Liska, Matthew F. Kalady.
Cleveland Clinic, Cleveland, OH
Session PO.CT08. Phase I-III Trials in Progress: Part 3
April 2, 2019, 1:00 PM – 5:00 PM; Section 17
https://www.abstractsonline.com/pp8/#I/6812/presentation/10033

4043 / 6 - Application of high complexity flow cytometry for Monitoring activated T-cells, T and B regulatory subsets in combination immunotherapy trials, melanoma case study
Jennifer Tsau1, Michael Abadier1, Brittney Atzmiller1, Christine Vaupel1, Naveen Dakappagari1, Ghanashyam Sarikonda1, Ahmad Tarhini2. 1Navigate BioPharma Services, Inc., a Novartis subsidiary, Carlsbad, CA; 2Cleveland Clinic, Cleveland, OH
Session PO.CL11.10. Tumor Markers to Assess the Biology and Clinical Course of Cancer 2
April 2, 2019, 1:00 PM – 5:00 PM; Section 21
https://www.abstractsonline.com/pp8/#I/6812/presentation/5042

4062 / 25 – Activation of innate and adaptive immunity using intratumoral tilsotolimod (IMO-2125) as monotherapy in patients with refractory solid tumors: a phase Ib study (ILLUMINATE-101)
Hani M. Babiker1, Vivek Subbiah2, Orla Maguire3, Shah Rahimin4, Hans Minderman3, Cara L. Haymaker2, Chantale Bernatchez2, Erkut Borazanci5, James Geib4, Srinivas K. Chunduru6, Peter M. Anderson5, Igor Puzanov6, Adi Diab2. 1University of Arizona Cancer Center, Tucson, AZ; 2University of Texas MD Anderson Cancer Center, Houston, TX; 3Roswell Park Comprehensive Cancer Center, Buffalo, NY; 4Idera Pharmaceuticals, Exton, PA; 5HonorHealth Research Institute, Scottsdale, AZ; 6Cleveland Clinic, Cleveland, OH
Session PO.IM02.09. Biomarkers and Immune Monitoring
April 2, 2019, 1:00 PM – 5:00 PM; Section 22
https://www.abstractsonline.com/pp8/#I/6812/presentation/3227

4173 / 18 - Previously identified common glioma risk SNPs are associated with familial glioma
Quinn T. Ostrom1, Georgina Armstrong1, Christopher I. Amos1, Jonine L. Bernstein3, Elizabeth B. Claus3, Jeanette E. Eckel-Passow4, Dora Il'yasova5, Christoffer Johansen6, Daniel H. Lachance4, Rose K. Lai7, Ryan T. Merrell8, Sara H. Olson9, Joellen H. Schildkraut10, Sanjay S. Shete11, Richard S. Houlston12, Robert B. Jenkins4, Margaret R. Wrench13, Beatrice Melin14, Jill S. Barnholtz-Sloan15, Melissa L. Bondy1. 1Baylor College of Medicine, Houston, TX; 2Memorial Sloan Kettering Cancer Center, Houston, NY; 3Yale University, New Haven, CT; 4Mayo Clinic College of Medicine, Rochester, MN; 5Georgia State University, Atlanta, GA; 6The Danish Cancer Society Research Center, Copenhagen, Denmark; 7University of
Differentially expressed genes and molecular pathways in an autochthonous mouse prostate cancer model

Shiv Verma, Sanjeev Shukla, Mitali Pandey, Gregory T. MacLennan, Sanjay Gupta. Case Western Reserve Univ., Cleveland, OH

Session PO.MCB09.02. Functional Genomics
April 2, 2019, 1:00 PM – 5:00 PM; Section 34
https://www.abstractsonline.com/pp8/#/I/6812/presentation/3402

The cMYC-associated transcription factor JPO2 is upregulated in taxane resistant prostate cancer cells and interacts with the stress oncoprotein LEDGF/p75

Greisha L. Ortiz Hernandez1, Shannalee Martinez1, Evelyn Sanchez-Hernandez1, Leslimar Rios-Colon2, Christina Cajigas-DuRoss3, Tino Sanchez1, Nouri Neamati4, Carlos A. Casiano1. 1Loma Linda University, Loma Linda, CA; 2North Carolina Central University, Durham, NC; 3Cleveland Clinic, Cleveland, OH; 4University of Michigan, Ann Arbor, MI

Session PO.MCB04.03. Post-transcriptional and Translational Control of Gene Regulation
April 2, 2019, 1:00 PM – 5:00 PM; Section 36
https://www.abstractsonline.com/pp8/#/I/6812/presentation/4738

Identifying states of collateral sensitivity during the evolution of therapy resistance in Ewing’s sarcoma

Erin McClure1, Masahiro Hitomi1, Jessica Scarborough2, Jacob Scott1. 1Cleveland Clinic, Cleveland, OH; 2Case Western Reserve University School of Medicine, Cleveland, OH

Session PO.ET03.06. Drug Resistance 6
April 3, 2019, 8:00 AM – 12:00 PM; Section 11
https://www.abstractsonline.com/pp8/#/I/6812/presentation/1651

Pineal gland volume and risk of prostate cancer

Latifa A. Bazzi1, Lara Sigurdardottir2, Sigurdur Sigurdsson3, Unnur Valdimarsdottir4, Johanna Torfadottir5, Thor Aspelund6, Lenore Launer6, Tamara Harris5, Vilmundur Gudnason3, Lorelei Mucci7, Sarah Markt8. 1University of Michigan School of Public Health, Ann Arbor, MI; 2Icelandic Cancer Society, University of Iceland, Reykjavik, Iceland; 3Icelandic Heart Association, Reykjavik, Iceland; 4Icelandic Heart Association, University of Iceland, Reykjavik, Iceland; 5University of Iceland, Reykjavik, Iceland; 6University of Iceland, Reykjavik, Iceland; 7National Institute on Aging, Bethesda, MD; 8Harvard T.H. Chan School of Public Health, Boston, MA; 9Case Western Reserve University, Cleveland, OH

Session PO.EP01.03 - Influences on Cancer Risk and Outcomes
April 3, 2019, 8:00 AM - 12:00 PM; Section 26
https://www.abstractsonline.com/pp8/#/I/6812/presentation/1895
5084 / 22 - Epigenetic modifications involving reactivation of RECK inhibiting MMP-9 and MMP-2 in prostate cancer
Eswar Shankar, Omair Iqbal, Natarajan Bhaskaran, Gauri Deb, Gregory T. MacLennan, Pingfu Fu, Sanjay Gupta. Case Western Reserve Univ., Cleveland, OH
Session PO.PR01.02. Cancer Chemoprevention and Interception: From Mechanism to Translation
April 3, 2019, 8:00 AM – 12:00 PM; Section 27
https://www.abstractsonline.com/pp8/#/I/6812/presentation/1270

5234 / 5 - Epigenetic control of heparanase expression through CRISPR/dCas9
Guihua Zeng1, Fu-Sen Liang2, Lina Cui1. 1University of Florida, Gainesville, FL; 2Case Western Reserve University, Cleveland, OH
Session PO.MCB04.04 - Regulation of Gene Expression in Cancer
April 3, 2019, 8:00 AM - 12:00 PM; Section 37
https://www.abstractsonline.com/pp8/#/I/6812/presentation/4697

Minisymposium

2685 - Identification of circulating protein biomarkers for colorectal cancer risk: A genetic instrument analysis
Xiang Shu1, Xiao-ou Shu1, Jirong Long1, Qiuqin Cai1, Conghui Qu1, Stephanie L. Schmit3, Chenxu Qu4, Sonja I. Berndt5, Peter T. Campbell6, Andrew T. Chan7, Graham G. Giles3, Andrea Gsur9, Michael Hoffmeister10, Mark A. Jenkins11, Sanford D. Markowitz12, Li Li13, Gad Rennert14, Kenneth Offit15, David Conti16, Annika Lindblom17, Graham Casey18, Stephen B. Gruber16, Ulrike Peters3, Wei Zheng1. 1Vanderbilt University Medical Center, Nashville, TN; 2Fred Hutchinson Cancer Research Center, Seattle, WA; 3H. Lee Moffitt Cancer Center and Research Institute, Tampa, FL; 4USC Norris Comprehensive Cancer Center, Los Angeles, CA; 5National Cancer Institute, National Institutes of Health, Bethesda, MD; 6American Cancer Society, Atlanta, GA; 7Massachusetts General Hospital and Harvard Medical School, Boston, MA; 8Cancer Council Victoria, Melbourne, Australia; 9Institute of Cancer Research, Medical University Vienna, Vienna, Austria; 10German Cancer Research Center (DKFZ), Heidelberg, Germany; 11Melbourne School of Population and Global Health, The University of Melbourne, Melbourne, Australia; 12Case Comprehensive Cancer Center, Case Western Reserve University, and University Hospitals of Cleveland, Cleveland, OH; 13Case Comprehensive Cancer Center, Case Western Reserve University, Cleveland, OH; 14Lady Davis Carmel Medical Center, Haifa, Israel; 15Memorial Sloan-Kettering Cancer Center, New York, NY; 16USC Norris Comprehensive Cancer Center, Keck School of Medicine, University of Southern California, Los Angeles, CA; 17Karolinska University Hospital, Stockholm, Sweden; 18University of Virginia, Charlottesville, VA
Session MS.EP01.02 Exposures and Genetic in Cancer Risk
April 1, 2019, 4:20 PM – 4:35 PM; Room C302 – Georgia World CC
https://www.abstractsonline.com/pp8/#/I/6812/presentation/1516
2711 - Rational combination of GITR agonism with PD-1 blockade  
Roberta Zappasodi1, Cynthia Sirard2, Yanyun Li3, Sadna Budhu1, Moshen Abu-Akeel1, Cailian Liu1, Xia Yang1, Hong Zhong1, Walter Newman2, Jingjing Qi3, Philip Wong1, David Schaea1, Henry Koon3, Vamsidhar Velchetti2, Margaret K. Callahan1, Jedd Wolchok1, Taha Merghoub1. 1Mem. Sloan Kettering Cancer Ctr., New York, NY; 2Leap Therapeutics, Boston, MA; 3Case Western Reserve University, Cleveland, OH; 4Cleveland Clinic, Cleveland, OH  
Session MS.IM02.01. Rational Combinations of Immunotherapy  
April 1, 2019 4:05 PM – 4:20 PM; Room A411 – Georgia World CC  
https://www.abstractsonline.com/pp8/#!/6812/presentation/2234

2745 - Tumor microenvironment and host genetics impact glioma progression in a Collaborative Cross-based orthotopic allograft model  
Kasey Skinner1, Martin Ferris1, Ryan Bash1, Abigail Shelton1, Erin Smithberger1, Steve Angus1, Brian Golitz1, Noah Sciąk1, Jeremy Simon1, Jason Stein1, Glenn Matsushima1, Quinn Ostrom2, Lindsay Stetson3, Jill Barnholtz-Sloan3, Harshil Dhruv2, Michael Berens4, Fernando Pardo Manuel de Villena4, C. Ryan Miller1. 1UNC Chapel Hill, Chapel Hill, NC; 2Baylor College of Medicine, Houston, TX; 3Case Western Reserve University, Cleveland, OH; 4Translational Genomics Research Institute, Phoenix, AZ  
Session MS.TB06.02 - Signaling in the Tumor Microenvironment  
April 1, 2019, 3:50 PM - 4:05 PM; Room A404 - Georgia World CC  
https://www.abstractsonline.com/pp8/#!/6812/presentation/4281

4487 - Association of the tumor-immune microenvironment with response to niraparib and pembrolizumab in relapsed, platinum-resistant ovarian cancer  
Anniina Farkkila1, Jia R. Lin2, Julia Casado1, Huy Nguyen1, Yinhui Zhou3, Julie R. Graham3, Bruce J. Dezube3, Steven Waggoner4, Pamela Munster5, Gini F. Fleming6, Sandro Santagata7, Ursula A. Matulonis1, Peter K. Sorger2, Elizabeth M. Swisher8, Alan D. D’Andrea1, Panagiotis Konstantinopoulos1. 1Dana-Farber Cancer Institute, Brigham and Women’s Hospital, Harvard Medical School, Boston, MA; 2Harvard Medical School and Ludwig Center for Cancer Research at Harvard, Boston, MA; 3Tesaro, Waltham, MA; 4University Hospitals of Cleveland, Cleveland, OH; 5Helen Diller Family Comprehensive Cancer Center, San Francisco, CA; 6University of Chicago, Chicago, IL; 7Brigham and Women’s Hospital, Laboratory for Systems Pharmacology, Boston, MA; 8University of Washington, Seattle, WA  
Session MS.IM02.02 - Tumor Immune Microenvironment  
April 2, 2019, 3:00 PM - 5:00 PM; Room A404 - Georgia World CC  
https://www.abstractsonline.com/pp8/#!/6812/presentation/2231

**Late-Breaking Poster Session**

LB-082 / 2 - The Kindlin2-p53-SerpinB2 signaling axis is required for the regulation of cellular senescence in breast cancer  
Khalid Sossey-Alaoui1, Elzbieta Pluskota2, Dorota Szpak2, Edward F. Plow2. 1Case Western Reserve University School of Medicine, Cleveland, OH; 2Cleveland Clinic Lerner Research Inst., Cleveland, OH  
Session LBPO.MCB01. Late-Breaking Research: Molecular and Cellular Biology/Genetics 1  
April 1, 2019, 8:00 AM – 12:00 PM; Section 42  
https://www.abstractsonline.com/pp8/#!/6812/presentation/9240

LB-117 / 12 - Increased peripheral glucose levels restores chemotherapeutic efficacy in a mouse model of pancreatic cancer
Ali Vaziri-Gohar¹, Imran Khokhar², George Titomihelakis², Jonathan R. Brody², Jordan M. Winter³. ¹Case Western Reserve University, School of Medicine, Cleveland, OH; ²Thomas Jefferson University, Department of Surgery, Philadelphia, PA; ³University Hospitals Cleveland Medical Center and Case Western Reserve University, Division of Surgical Oncology, Cleveland, OH
Session LBPO.ET01 Late-Breaking Research: Experimental and Molecular Therapeutics 1
April 1, 2019, 1:00 PM – 5:00 PM; Section 40
https://www.abstractsonline.com/pp8/#!/6812/presentation/9155

LB-294 / 11 - Targeting glutamine addiction of PIK3CA mutant colorectal cancers: From preclinical models to clinical trials
Yiqing Zhao¹, Jennifer Eads², David Bajor², Zhenghe wang¹. ¹Case Western Reserve Univ., Cleveland, OH; ²University Hospitals Seidman Cancer Center, Cleveland, OH
Session LBPO.MCB02. Late-Breaking Research: Molecular and Cellular Biology/Genetics 2
April 3, 2019, 8:00 AM – 12:00 PM; Section 41
https://www.abstractsonline.com/pp8/#!/6812/presentation/9273

LB-306 / 23 - Long non-coding RNA NEAT1 promotes lung metastasis of soft tissue sarcoma by regulating RNA splicing pathways
Jianguo Huang¹, Eric Xu¹, Mohit Sachdeva¹, Timothy Robinson¹, Xiaodi Qin¹, Dadong Zhang¹, Kouros Owzar¹, Nalan Gokgoz², Andrew Seto², Irene Andrulis², Jay Wunder², Tomoyo Okada², Simuel Singer³, Alexander Lazar⁴, Brian Rubin⁵, David G. Kirsch¹. ¹Duke University Medical Center, Durham, NC; ²Samuel Lunenfeld Research Institute, Toronto, ON, Canada; ³Memorial Sloan-Kettering Cancer Center, New York, NY; ⁴MD Anderson Cancer Center, Houston, TX; ⁵Cleveland Clinic, Cleveland, OH
Session LBPO.MCB02 - Late-Breaking Research: Molecular and Cellular Biology / Genetics 2
April 3, 2019, 8:00 AM - 12:00 PM; Section 41
https://www.abstractsonline.com/pp8/#!/6812/presentation/9285

Travel Award

Yorleny M. Vicioso, BS, Graduate Student, Case Western Reserve University School of Medicine, Cleveland, OH. Abstract 3186. A novel combination therapy for treating advanced drug resistant acute lymphoblastic leukemia