American Association for Cancer Research (AACR)
Annual Meeting 2013
April 5-9, 2014

(Case CCC Members indicated in **bold**)

**LECTURES/PRESENTATIONS**

**Neal J. Meropol, MD**
Speaker,  *How are clinical trials funded*
“Clinical Trials Design Workshop, Part 1: Design and Implementation of Innovative Clinical Trials: Clinical Trials 101”
Saturday, Apr 05, 2014, 8:30 AM - 8:55 AM; Room 6B, San Diego Convention Center

**Yiping W. Han, PhD**
Speaker,  *Oral bacteria and colorectal cancer: Etiology and mechanism*
“Educational Session: Intestinal Microbiome and Cancer”
Saturday, Apr 05, 2014, 10:45 AM -11:10 AM; Room 6A, San Diego Convention Center

**Charis Eng, MD, PhD**
Speaker,  *PTEN hamartoma tumor syndrome previvorship: what now?*
“Seventeenth Annual AACR-Women in Cancer Research Charlotte Friend Memorial Lectureship”
Saturday, Apr 05, 2014, 5:15 PM - 6:30 PM; Ballroom 20D, San Diego Convention Center

**Nima Sharifi, MD**
Speaker,  *Androgen metabolism drivers in prostate cancer: from mechanism to therapy*
“Thirty-Fourth Annual AACR Award for Outstanding Achievement in Cancer Research”
Monday, Apr 07, 2014, 4:30 PM - 5:30 PM; Ballroom 20D, San Diego Convention Center

**Lyndsay N. Harris, MD**
Speaker,  *Genomic markers for predictive testing of breast cancer*
“MICR Scientific Symposium: Will Prognostic and Predictive Biomarkers Be Useful Tools in Cancer Disparities?”
Tuesday, Apr 08, 2014, 11:30 AM -11:55 AM; Room 1, San Diego Convention Center
MINISYMPQSIUMS

CT335: A clinical trial of supplementation with vitamin D and/or calcium for the prevention of colorectal adenomas
Minisymposium: “Clinical Trials Minisymposium: Immunotherapeutic Trials, Immune Response to Targeted Agents, and Prevention”
Tuesday, Apr 08, 2014, 2:35 PM - 2:50 PM; Room 1, San Diego Convention Center
John A. Baron¹, Elizabeth L. Barry², Dennis J. Ahnen³, Carol A. Burke⁴, Roberd M. Bostick⁵, Robert S. Bresalier⁶, Timothy R. Church⁷, Marcia Cruz-Correa⁸, Michael Goodman⁹, Robert Haile¹⁰, Anastasia Ivanova¹¹, Richard I. Rothstein¹², Robert S. Sandler¹³, Dale Snover¹⁴, Robert W. Summers¹⁵. ¹University of North Carolina, Chapel Hill, NC; ²Geisel School of Medicine at Dartmouth, Lebanon, NH; ³University of Colorado Denver, Denver, CO; ⁴Cleveland Clinic, Cleveland, OH; ⁵Emory University, Atlanta, GA; ⁶University of Texas, MD Anderson Cancer Center, Houston, TX; ⁷University of Minnesota, Minneapolis, MN; ⁸University of Puerto Rico, San Juan, PR; ⁹Stanford University, Palo Alto, CA; ¹⁰Dartmouth-Hitchcock Medical Center, Lebanon, NH; ¹¹Fairview Southdale Hospital, Edina, MN; ¹²University of Iowa, Iowa City, IA

984: Alteration of the p53 pathway is associated with subclonal tumor progression in glioblastoma
Minisymposium: “Molecular Profiling to Elucidate Tumor Heterogeneity and Clonal Evolution”
Sunday, Apr 06, 2014, 3:50 PM - 4:05 PM; Room 5, San Diego Convention Center
Hoon Kim¹, Siyuan Zheng², Seyed S. Amini³, Selene M. Virk², Tom Mikkelson³, Daniel J. Brat⁴, Jonna Grimsby⁵, Carrie Sougnez⁵, Andrew E. Sloan², Mark L. Cohen², Erwin G. Van Meir⁴, Lisa Scarpace⁵, The Cancer Genome Research Network, Peter W. Laird⁶, John N. Weinstein¹, Eric Lander⁵, Stacey Gabriel⁵, Gad Getz⁵, Matthew Meyerson⁷, Lynda Chin¹, Jill S. Barnholtz-Sloan², Roel G.w. Verhaak¹. ¹The University of Texas MD Anderson Cancer Center, Houston, TX; ²Case Comprehensive Cancer Center, Cleveland, OH; ³Emory University School of Medicine, Atlanta, GA; ⁴Stanford University School of Medicine, Stanford, CA; ⁵The Broad Institute of MIT and Harvard, Cambridge, MA; ⁶University of Southern California, Los Angeles, CA; ⁷Dana-Farber Cancer Institute, Boston, MA

POSTER PRESENTATIONS

16: Immunomodulatory effects of VEGF on human lymph node antigen-presenting and lymphoid cells
Sunday, Apr 06, 2014, 1:00 PM - 5:00 PM
Madeleine P. Strohl¹, Hallie Graor², Mei Zhang², Anthony Visioni², John Ammori², Isabelle Rivers-McCue², Julian Kim³. ¹Case Western Reserve University School of Medicine, Cleveland, OH; ²Division of Surgical Oncology University Hospitals Case Medical Center, Cleveland, OH

253: Green tea polyphenol-mediated epigenetic reactivation of TIMP-3 reduces invasiveness and gelatinolytic activity in human breast cancer cells
Sunday, Apr 06, 2014, 1:00 PM - 5:00 PM
Gauri Deb¹, Vijay S. Thakur¹, Anil M. Limaye², Sanjay Gupta¹. ¹Case Western Reserve Univ., Cleveland, OH; ²Indian Institute of Technology, Guwahati, Assam, India
297: Protein markers predict overall survival in glioblastoma multiforme
Sunday, Apr 06, 2014, 1:00 PM - 5:00 PM
Lindsay C. Stetson, Jill S. Barnholtz-Sloan. Case Comprehensive Cancer Center, Case Western Reserve University, Cleveland, OH

358: Integrative pathway analysis of molecular profiles of glioblastoma multiforme for predicting patient survival
Sunday, Apr 06, 2014, 1:00 PM - 5:00 PM
Arda Durmaz¹, Douglas Brubaker², Gurkan Bebek². ¹Sabanci University, Istanbul, Turkey; ²Case Western Reserve University, Cleveland, OH

467: New molecular model identifying the critical role of the GLI2 oncogene in human colonic epithelial cell (HCEC) transformation
Sunday, Apr 06, 2014, 1:00 PM - 5:00 PM
Tapati Mazumdar¹, Akwasi Agyeman¹, Jerry W. Shay², Janet A. Houghton¹. ¹The Cleveland Clinic, Cleveland, OH; ²UT Southwestern Medical Center, Dallas, TX

485: Chronic exposure to a low dose of interferon-β increases levels of DNA damage resistance signature genes through unphosphorylated ISGF3
Sunday, Apr 06, 2014, 1:00 PM - 5:00 PM
HyeonJoo Cheon, Elise G. Holvey-Bates, George R. Stark. Cleveland Clinic, Cleveland, OH

662: Generation and characterization of antibodies specific for IL1RAP antigen to target quiescent and proliferating AML leukemic stem cells
Sunday, Apr 06, 2014, 1:00 PM - 5:00 PM
Ping Jiang¹, Sharmili Roy¹, Jen Huang¹, Trang Dao-Pick¹, Jennifer Lu¹, Madhavi Mishra¹, Jeffrey Lin², Eric D. Hsi², Robert J. Tressler¹, Holger Karsunky¹. ¹Cellerant Therapeutics, San Carlos, CA; ²Cleveland Clinic, Cleveland, OH

804: Combination simvastatin and metformin induces cell death by autophagy and secondary necrosis in osseous metastatic castration-resistant prostate cancer cells
Sunday, Apr 06, 2014, 1:00 PM - 5:00 PM
Melissa A. Babcock, R. Michael Sramkoski, Christine Z. Oak, Sanjay Gupta. Case Western Reserve University School of Medicine, Cleveland, OH

Monday, April 7, 2014

1038: ZEB1 plays a pivotal role in hypoxia-mediated increase of in vitro invasion of glioblastoma-derived cell cultures and represents a novel neural stem cell marker in early development
Monday, Apr 07, 2014, 8:00 AM -12:00 PM
Ulf D. Kahler¹, Eric E. Raabe¹, Florian A. Siebzehnrubl¹, Eli E. Bar³, Jaroslaw Maciacyk⁴, Charles G. Eberhart¹. ¹Johns Hopkins Hospital, Baltimore, MD; ²University of Florida McKnight Brain Institute, Gainesville, FL; ³, ⁴Case Western Reserve University, Cleveland, OH; ⁴University Medical Center Duesseldorf, Duesseldorf, Germany
1174: VCAM-1 enhances immune evasion in a murine model of metastatic cervical cancer
Monday, Apr 07, 2014, 8:00 AM -12:00 PM
Francesca Scrimieri, Iuliana Dit Bobanga, Saada Eid, David J. Corn, Deborah Barkauskas, Jay Jay Myers, 
**Alex Y. Huang.** Case Western Reserve University, Cleveland, OH

1181: The Apoptosis repressor with a CARD domain (ARC) is a direct HIF1 target gene and promotes survival and proliferation of VHL deficient renal cancer cells
Monday, Apr 07, 2014, 8:00 AM -12:00 PM
Olga V. Razorenova¹, Laura Castellini², Renata Colavitti³, Laura E. Edgington², Monica Nicolau², Xin Huang³, **Barbara Bedogni**⁴, Edward M. Mills⁵, Matthew Bogyo¹, Amato J. Giaccia². ¹UC Irvine, Irvine, CA; ²Stanford, CA; ³University of Pittsburgh, PA; ⁴Case Western Reserve University, OH; ⁵The University of Texas at Austin, TX

1232: Antiproliferative, antioxidant and antiapoptotic effect of rhamnetin in human prostate cancer cells
Monday, Apr 07, 2014, 8:00 AM -12:00 PM
Christine Oak, Natarajan Bhaskaran, **Sanjay Gupta**, Sanjeev Shukla. Case Western Reserve Univ., Cleveland, OH

1238: Apigenin suppresses inhibitor of apoptosis family protein expression and disrupts Ku70-bax interaction in prostate cancer cells in culture and in vivo
Monday, Apr 07, 2014, 8:00 AM -12:00 PM
Sanjeev Shukla, **Pingfu Fu, Sanjay Gupta**. Case Western Reserve Univ., Cleveland, OH

1616: Phosphoprotein enrichment pathway analysis tools for studying cancer signaling
Monday, Apr 07, 2014, 8:00 AM -12:00 PM
Danica Wiredja, Yu Liu, Daniela Schlatzer, Giridharan Gokulrangan, **Goutham Narla, Mark Chance**. Case Western Reserve University, Cleveland, OH

1759: Targeting GLI-dependent transcription by GANT61 in human colon carcinoma cells (CC); a new therapeutic approach
Monday, Apr 07, 2014, 8:00 AM -12:00 PM
Akwasi Agyeman, Babal K. Jha, Tapati Mazumder, **Janet A. Houghton**. The Cleveland Clinic Lerner Research Inst., Cleveland, OH

1804: New insights in the induction of cell death by the imidazolium based compound YM155
Monday, Apr 07, 2014, 8:00 AM -12:00 PM
**David Danielpour**, Eswar Shankar, Sarah L. Corum. Case Comprehensive Cancer Ctr., Cleveland, OH

1835: Transcriptome and metabolome reprogramming in EGFR-mutant NSCLC early adaptive drug-escape against erlotinib
Monday, Apr 07, 2014, 8:00 AM -12:00 PM
**Patrick C. Ma**¹, Praveena S. Thiagarajan², **Patrick Leahy**², Rakesh Bagai³, Ivy Shi¹, Wei Zhang¹, Yan Feng¹, **Martina L. Veigl**², **Daniel Lindner**¹, **David Danielpour**², Lihong Yin¹. ¹The Cleveland Clinic Taussig Cancer Inst., Cleveland, OH; ²Case Comprehensive Cancer Center, Cleveland, OH
**LB-65: Bevacizumab fate in glioblastoma: Mechanism of internalization by endothelial cells and glioma stem cells**

Monday, Apr 07, 2014, 8:00 AM -12:00 PM

Gaelle M. Muller-Greven, **Cathleen Carlin, Jeremy Rich**, Petra Hamerlik, **Candece L. Gladson.** Cleveland Clinic Lerner Research Institute, Cleveland, OH, Case Western Reserve University, Cleveland, OH, Danish Cancer Society Research Center, Copenhagen, Denmark

**1910: Evolution of preleukemia stem cells to lymphoma initiating cells requires thymus in msh2-/ mice**

Monday, Apr 07, 2014, 1:00 PM - 5:00 PM

Yulan Qing, **Stanton L. Gerson.** Case Western Reserve University, Cleveland, OH

**2088: Kindlin-3 enhances breast cancer metastasis through upregulation of Twist-mediated tumor angiogenesis**

Monday, Apr 07, 2014, 1:00 PM - 5:00 PM

**Khalid Sossey-Alaoui**, Elzbieta Pluskota, Gangarao Davuluri, Katarzyna Bialkowska, Mitali Das, **Daniel Lindner**, **Edward F. Plow**. 1Cleveland Clinic Lerner Research Institute, Cleveland, OH; 2Cleveland Clinic Taussig Cancer Institute, Cleveland, OH

**2244A: Prion protein cross-talks with Notch1 to promote pancreatic ductal adenocarcinoma progression**

Monday, Apr 07, 2014, 1:00 PM - 5:00 PM

Yiwei Wang, Dan Huang, **Lan Zhou, Wei Xin.** Case Western Reserve University, Cleveland, OH

**2289: Effects of TRAIL and ellagic acid on malignant melanoma A375 in vitro and in vivo**

Monday, Apr 07, 2014, 1:00 PM - 5:00 PM

Katherine Turner, **Daniel Lindner**, Michael Kalafatis. 1Department of Chemistry, Cleveland State University, Cleveland, OH; 2Taussig Cancer Institute, Cleveland Clinic, Cleveland, OH

**2292: Epigenetic alterations in Barrett’s esophagus and esophageal adenocarcinoma: identification and evaluation of potential biomarkers**

Monday, Apr 07, 2014, 1:00 PM - 5:00 PM

Rachele M. Stockdale, Andrew M. Kaz, Shelli M. Morris, **Amitabh Chak**, Joseph Willis, Dean Brenner, Sharmila Anandabapasathy, Maria Westerhoff, Chao-Jen Wong, **Jill Barnholtz-Sloan**, Yanwen Chen, William M. Grady. 1Fred Hutchinson Cancer Research Center, Seattle, WA; 2Case Western Reserve University, Cleveland, OH; 3University of Michigan, Ann Arbor, MI; 4Mount Sinai Hospital, New York, NY; 5University of Washington, Seattle, WA

**2301: Cross validation of NGS methylated targets using droplet digital PCR (ddPCR)**

Monday, Apr 07, 2014, 1:00 PM - 5:00 PM

Dawne N. Shelton, Claudia Litterst, John F. Regan, Helen R. Moinova, **Sanford D. Markowitz**. 1Bio-Rad Laboratories, Pleasanton, CA; 2Case Western Reserve University, Cleveland, OH
2551: B cells induced during CD4+ T-cell mediated destruction of primary tumors in neuN mice produce mAbs that are capable of inhibiting spontaneous tumor growth
Monday, Apr 07, 2014, 1:00 PM - 5:00 PM
Li-Xin Wang, Mona Patel, Michael Berk, Gregory Plautz. The Cleveland Clinic, Cleveland, OH

2696: PPAR beta/delta is a novel therapeutic target in acute myeloid leukemia
Monday, Apr 07, 2014, 1:00 PM - 5:00 PM
Sophia Hu, David Wald, Reshmi Parameswaran. Case Western Reserve University, Cleveland, OH

2826: Multi-omic profiling to predict response to gemcitabine/ carboplatin (GC) plus iniparib (BSI-201) as neoadjuvant therapy for triple-negative (TN) and BRCA1/2 mutation-associated breast cancer using a pathway-based approach
Monday, Apr 07, 2014, 1:00 PM - 5:00 PM
Shaveta Vinayak¹, Stephen C. Benz², Charles J. Vaske², Melinda L. Telli³, James M. Ford³. ¹University Hospitals Case Medical Center/ Case Western Reserve University, Cleveland, OH; ²Five3 Genomics, LLC, Santa Cruz, CA; ³Stanford University, Stanford, CA

2887: Molecular farming and molecular engineering of cancer vaccines
Monday, Apr 07, 2014, 1:00 PM - 5:00 PM
Sourabh Shukla, Nicole F. Steinmetz. Case Western Reserve University, Cleveland, OH

Tuesday, April 8, 2014

3039: The MELK/FOXM1 axis is a master regulator of proneural to mesenchymal transition (PMT) in glioma stem cells by controlling EZH2 transcriptional activity
Tuesday, Apr 08, 2014, 8:00 AM -12:00 PM
Kaushal Joshi¹, Sunghak Kim¹, Jeongwu Lee², Ronald Waclaw³, Lisa Salcini⁴, Ichiro Nakano¹. ¹Ohio State Univ. Medical Ctr., Columbus, OH; ²Cleveland Clinic, Columbus, OH; ³The Cincinnati Childrens Medical Center, Cincinnati, OH; ⁴University of Copenhagen, Denmark

3040: Forced astroglial differentiation depletes glioblastoma stem cells
Tuesday, Apr 08, 2014, 8:00 AM -12:00 PM
Raffaella Spina, Dillon M. Voss, Andrew E. Sloan, Eli E. Bar. Case Western Reserve Univ., Cleveland, OH

3436: Ameloblastoma driver mutations revealed by next-generation sequencing of formalin-fixed paraffin-embedded specimens
Tuesday, Apr 08, 2014, 8:00 AM -12:00 PM
Andrew C. McClary¹, Robert T. Sweeney¹, Jewison Biscocho¹, Benjamin R. Myers¹, Lila Neahring¹, Kevin A. Kwei², Kunbin Qu³, Xue Gong¹, Tony Ng⁴, Carol D. Jones¹, Sushama Varma¹, Justin I. Odegaard¹, Brian Rubin⁴, Megan L. Troxell⁵, Robert J. Pelham², James L. Zehnder¹, Philip A. Beachy¹, Jonathan R. Pollack¹, Robert B. West¹. ¹Stanford University, Stanford, CA; ²Genomic Health, Redwood City, CA; ³University of British Columbia, Vancouver, BC, Canada; ⁴Cleveland Clinic, Cleveland, OH; ⁵Oregon Health Sciences University, Portland, OR
3718: Adaptive drug escape of EML4-ALK lung cancer against targeted ALK inhibitor involving TGFβ2-mitochondrial priming
Tuesday, Apr 08, 2014, 8:00 AM -12:00 PM
Lihong Yin, Wei Zhang, Ivy Shi, Yan Feng, Rakesh Bagai, Daniel Lindner, Patrick C. Ma. The Cleveland Clinic Taussig Cancer Inst., Cleveland, OH

3954: SAT1 (Spermidine/spermine-N1-acetyltrasferase 1) promotes radiation resistance in glioblastoma multiforme
Tuesday, Apr 08, 2014, 1:00 PM - 5:00 PM
Adina Brett-Morris, Scott M. Welford, Eli Bar, Raffaella Spina, Bradley Wright, Junran Zhang, Jun Lu, Yuji Seo. Case Western Reserve University, Cleveland, OH; Auckland University of Technology, Auckland, New Zealand

4182: Bioinformatic analysis identifies polo-like kinase as a therapeutic target in small-cell lung cancer
Tuesday, Apr 08, 2014, 1:00 PM - 5:00 PM
Gary Wildey, Yanwen Chen, Ian Lent, Lindsay Stetson, John Pink, Jill Barnholtz-Sloan, Afshin Dowlati. Case Comprehensive Cancer Ctr., Cleveland, OH

4259: The radiogenomic landscape of cancer
Tuesday, Apr 08, 2014, 1:00 PM - 5:00 PM
Mohamed Abazeed, Drew Adams, Pablo Tamayo, Matthew Meyerson, Peter Hammerman, Stuart Schreiber. Cleveland Clinic Foundation, Cleveland, OH; Broad Institute, Boston, MA; Dana Farber Cancer Institute, Boston, MA

4707: Comprehensive integrated genomic analysis
Tuesday, Apr 08, 2014, 1:00 PM - 5:00 PM
Catherine K. Foo, John St. John, Nicholas Hahner, Oscar Westesson, Mitchell E. Skinner, Urvish Parikh, Kimberly Lung, Aleah F. Cauhlin, Jeffrey P. Catalano, Anne S. Wellde, Jonathan K. Barry, George W. Wellde, Patrick Ma, Rafael Rosell, Andres Felipe Cardona Zorilla, William R. Polkinghorn, Trever G. Bivona, Jonathan S. Weissman, Petros Giannikopoulos. Cancer Therapeutics Innovation Group, San Francisco, CA; Cancer Therapeutics Innovation Group, New York, NY; Cleveland Clinic Foundation, Cleveland, OH; USP Dexeus University Hospital, Pangen Biotech; Catalan Institute of Oncology; Cancer Therapeutics Innovation Group, Barcelona, Spain; Oncology Institute Fundación Santa Fe de Bogota, Bogota, Colombia; Memorial Sloan-Kettering Cancer Center; Cancer Therapeutics Innovation Group, San Francisco, CA; University of California, San Francisco; Cancer Therapeutics Innovation Group, San Francisco, CA; University of California, San Francisco; Howard Hughes Medical Institute; Cancer Therapeutics Innovation Group, San Francisco, CA

LB-251: p27Kip1 suppression of colitis-associated colon cancer mediated through cell intrinsic function in both mucosal epithelia and mucosal T cells
Tuesday, Apr 08, 2014, 1:00 PM - 5:00 PM
Sung Hee Choi, Byung-Gyu Kim, Letterio J. John. Case Western Reserve Univ., Cleveland, OH
Wednesday, April 9

4883: CDK8: A new druggable mediator of NFκB activity
Wednesday, Apr 09, 2014, 8:00 AM -12:00 PM
Mengqian Chen1, Martina McDermott1, Zhengguan Yang1, Jiaxin Liang1, Gary P. Schools1, Chang-uk Lim1, Tao Lu2, Stark R. George3, Deborah K. West4, Donald C. Porter4, Eugenia V. Broude1, Igor B. Roninson1.
1University of South Carolina, Columbia, SC; 2Indiana University School of Medicine, Indianapolis, IN; 3Cleveland Clinic - Lerner Research Institute, Cleveland, OH; 4Senex Biotechnology Inc., Columbia, SC

5055: Referral patterns, geographical distribution and socio-economic status of African Americans and European Americans with family or personal history of cancer visiting a genetic counseling center in the greater Cleveland area
Wednesday, Apr 09, 2014, 8:00 AM -12:00 PM
Paola Raska, Anna Mitchell. Case Western Reserve University, Cleveland, OH

5066: Generalizability of established prostate cancer risk variants in men of African ancestry
Wednesday, Apr 09, 2014, 8:00 AM -12:00 PM
Ying Han1, Lisa B. Signorello2, Sara S. Strom3, Rick A. Kittles4, Benjamin A. Rybicki5, Janet L. Stanford6, Phyllis J. Goodman7, Sonja I. Berndt8, John Carpten9, Graham Casey1, Lisa Chu10, David V. Conti1, Kristin A. Rand1, Ryan Diver11, Anselm JM Hennis12, Esther M. John10, Adam S. Kibel13, Eric A. Klein14, Suzanne Kolb9, Loic Le Marchand15, M. Cristina Leske12, Adam B. Murphy16, Christine Neslund-Dudas5, Jong Y. Park17, Curtis A. Pettaway18, Timothy R. Rebbeck19, Susan M. Gapsstur11, Siquin Lilly Zheng20, Suh-Yuh Wu21, John S. Witte22, Jianfeng Xu20, William B. Isaacs22, Sue A. Ingles1, Ann W. Hsing10, The PRACTICAL Consortium, The ELLIPSE GAME-ON Consortium, Douglas F. Easton23, Rosalind A. Eeles24, Fredrick R. Schumacher1, Stephen J. Chanock8, Barbara Nemesure12, William J. Blot25, Daniel O. Stram1, Brian E. Henderson1, Christopher A. Haiman1. 1University of Southern California, Los Angeles, CA; 2Harvard School of Public Health, MA; 3The University of Texas MD Anderson Cancer Center, TX; 4University of Illinois at Chicago, IL; 5Henry Ford Hospital, MI; 6Fred Hutchinson Cancer Research Center, WA; 7SWOG Statistical Center, WA; 8National Institutes of Health, MD; 9The Translational Genomics Research Institute, AZ; 10Cancer Prevention Institute of California, CA; 11American Cancer Society, GA; 12Stony Brook University, NY; 13Dana-Farber Cancer Institute, MA; 14Cleveland Clinic, OH; 15University of Hawaii Cancer Center, HI; 16Northwestern University, IL; 17Moffitt Cancer Center, FL; 18The University of Texas M.D. Anderson Cancer Center, TX; 19University of Pennsylvania School of Medicine and the Abramson Cancer Center, PA; 20Wake Forest University School of Medicine, NC; 21University of California, San Francisco, CA; 22Johns Hopkins Hospital and Medical Institutions, MD; 23University of Cambridge, United Kingdom; 24The Institute of Cancer Research, United Kingdom; 25Vanderbilt University School of Medicine, TN
5102: Telomeres and survival in stage III colon cancers: Findings from NCCTG N0147 (Alliance) study
Wednesday, Apr 09, 2014, 8:00 AM -12:00 PM
Nivedita Basu¹, Ruth A. Johnson², Qian Shi³, Garth D. Nelson², Julie M. Cunningham², Richard M. Goldberg³, Frank A. Sinicrope², Daniel J. Sargent², Steven R. Alberts², Gloria M. Petersen², Stephen N. Thibodeau², Halcyon G. Skinner⁴, Kristin Litzelman⁵, Songwon Seo⁴, Russell J. Vanderboom², Ronald E. Gangnon⁴, Corinne D. Engelman⁴, David N. Rider², Lisa A. Boardman². ¹Case Western Reserve University School of Medicine, Cleveland, OH; ²Mayo Clinic, Rochester, MN; ³Ohio State University Medical School, Columbus, OH; ⁴University of Wisconsin, Madison, WI; ⁵National Cancer Institute, Bethesda, MD

5212: Regulation of androgen receptor expression by andro-miRs in prostate cancer
Wednesday, Apr 09, 2014, 8:00 AM -12:00 PM
Jey Sabith Ebron, Kavleen Sikand, Jagjit Singh, Girish C. Shukla. Cleveland State University, Cleveland, OH

5216: Epigenetic characterization and specific targeting of breast cancer stem cells
Wednesday, Apr 09, 2014, 8:00 AM -12:00 PM
Huiping Liu. Case Western Reserve University, Cleveland, OH

5378: Actions of nanoparticulate tetraiodothyroacetic acid (Nanotetrac) on human prostate carcinoma xenograft growth, vascularity and integrin response to radiation
Wednesday, Apr 09, 2014, 8:00 AM -12:00 PM
Shaker A. Mousa¹, Sudha Thangirala¹, Murat Yalcin¹, John T. Leith², Aleck Hercbergs³, Hung-Yun Lin⁴, Heng-Yuan Tang¹, Mary K. Luidens⁵, Paul J. Davis⁵. ¹Pharmaceutical Research Institute, Albany College of Pharmacy and Health Sciences, Albany, NY; ²Rhode Island Center for Nuclear Science, Narragansett, RI; ³Cleveland Clinic, Cleveland, OH; ⁴Taipei Medical University, Taipei, Taiwan; ⁵Albany Medical College, Albany, NY

5413: Double-targeted theranostic gold nanoparticles for treatment of brain tumors
Wednesday, Apr 09, 2014, 8:00 AM -12:00 PM
Suraj K. Dixit¹, Yun Zhu¹, Alfred Moore¹, Malcolm Kenney², Ann-Marie Broome¹. ¹Medical University of South Carolina, Charleston, SC; ²Case Western Reserve University, Cleveland, OH