Poster Session B
Monday, September 26, 2016
5:30-7:30 p.m.
Atlantic Ballroom

Diffusion and Dissemination Research

B01 Designing a feasible breast cancer genetics research study: Lessons learned. Colleen Bauza, Marvella E Ford.


Biomarkers in Cancer Surveillance and Screening


B04 The use of whole genome methylation scanning to define genes preferentially suppressed in African American Prostate Cancer. Farah Rahmatpanah, Kathleen McGuire, Michael Lilly, Michael McClelland, Dan Mercola.


Biomarkers in Intervention Studies


Biomarkers of Risk and Surrogate Endpoints

B07 Two-pore domain potassium (K+) channel genes and triple-negative (TN) subtype in The Cancer Genome Atlas (TCGA) breast cancer dataset. Keith A. Dookeran, Maria Argos.

B08 Identifying high-risk triple negative breast cancer patients using a novel cycling kinetics
B09 Multivariable Models for Predicting Likely Metastatic Sites for Triple Negative Breast Cancers. Sergey Klimov, Andrew Green, Mohammed Aleskandarany, Emad Rakha, Ian Ellis, Guilherme Cantuaria, Ayodeji O. Agboola, Michelle Reid, Li Xiaoxian, Rida C. G. Padmashree, Remus Osan, Ritu Aneja.

B10 Risk Allele Frequencies at the IL28B Locus that are More Prevalent in African Americans and Contribution to the Development of Liver Fibrosis and Hepatocellular Carcinoma in a South Florida Cohort. Emmanuel Thomas, Eunkyung Lee, Eugene Schiff, Jennifer J. Hu.

Molecular Diagnostics


Novel Technologies


Late Effects/Survivorship

B15 Assessing the feasibility of an online cognitive health education program to address cognitive changes among breast cancer survivors. Jennifer Bail, Timiya S Nolan, Jacqueline Bui, Silvia Gisiger-Camata, Karen Meneses.


**B19** Pediatric Cancer Late Effects Clinic Patients in Utah: Potential Barriers to Care. Judy Y Ou, Rochelle R Smits-Seemann, Jennifer A Wright, Anne C Kirchhoff.

**B20** Optimizing endometrial cancer follow-up and survivorship care for rural and other underserved women: Patient and provider perspectives. Teresa Rutledge, Miria Kano, Dolores Guest, Andrew Sussman, Anita Kinney.

### Mechanisms of Drug Action

**B21** Functional Role of ETS/ETV1-Fusion Proteins in Prostate Cancer and Other Cancers. Sharif Morsalin, Chunshu Yang, Jinbo Fang, Yasuo Fujimura, Shubhalaxmi Kayarthodi, Huali Xu, Ujwala Gunnal, Clarence Clark, Julian Menter, Veena Rao, Shyam Reddy.

### Quality of Life

**B22** Assessing Communication concerning Reproductive Health and Fertility among Adolescent and Young Adult Oncology Patients. Janella N Hudson, Devin Murphy, Christine Briggs, Amanda Termuhlen, Gwendolyn P Quinn.


**B24** Health related quality of life during cancer treatment: Perspectives of adolescent and young adult cancer patients and caregivers. Shiraz I Mishra, Heidi Rishel Brakey, Miria Kano, Andrew Sussman.


### Other

**B27** A synergistic regional network s infrastructure to reduce cancer related health disparities. Neha Jaggi, Julia Faith Houston, James R Hebert, Mark Dignan, Nathan L Vanderford, Mark Cromo, Mark Evers, Janice Bowie, Adrian Dobs, Olive Mbah, Ashleigh DeFries Gallagher, Roger Anderson.


Mutagenesis, Oxidative Stress, and Carcinogenesis


Tumor Promotion and Progression


Cancer Genetics/Gene Expression

B33 Determination of protein expression of candidate prostate cancer genes from a novel region on chromosome 7 identified in African American men. Casey Wizner, Julie Ruterbusch, Nicole Kubinec, Gregory Dyson, Albert Levin, Julie Boerner, Cathryn Bock.


B38 Early-onset colorectal cancer gene-expression profiling: An analysis of TCGA data. Maria Gonzalez-Pons, Luis Vazquez, Marcia Cruz-Correa.

B39 Distinct recruitment of tumor-associated immune cells correlates with increased pro-malignant
chemokines in tumors expressing epithelial Atypical Chemokine Receptor 1 (ACKR1/DARC).  Brittany D Jenkins, Rachel N Martini, Rupali Hire, Michele A Monteil, Melissa B Davis.

B40 Mutations in KRAS are increased in sporadic colon cancers of African Americans compared to Non-Hispanic Whites.  Nancy L. Krett, Jonas Staudacher, Ahmer Khalid, Vadim Bul, Joseph Zeidan, Cemal Yazici, Barbara Jung.

B41 Metformin and indole-3-carbinol (I3C) modulate regulation of genes involved in dedifferentiation in chemo-resistant pancreatic cancer cells. Beverly Lyn-Cook, George Cooper, Beverly Word, George Hammons.

Cancer Genetics/Gene Expression

PR01, B42 Comprehensive molecular studies of multiple myeloma in African Americans.  Zarko Manojlovic, Austin Christofferson, Gil Speyer, Mary Derome, Daniel Auclair, Sagar Lonial, David Craig, Jonathan Keats, John Carpten.

Cancer Genetics/Gene Expression


Cell Growth Signaling Pathways


Oncogenes/Tumor Suppresser Genes

B45 Regulation of CRLF2 oncogene expression by the Ikaros tumor suppressor in B cell acute lymphoblastic leukemia that occurs at high frequency in Hispanic children.  Sinisa Dovat, Zheng Ge, Chunhua Song, Kimberly J. Payne.


Other

B47 Combating cancer with combination therapy in underserved populations.  Tina Homayouni, Reza Bayat Mokhtari, Albina Tyker, Parandis Kazemi, Zhenya Morgatskaya, Narges Baluch, Sara Dhalla, Shreya Rekhi, Sushil Kumar, Herman Yeger.
Cancer Stem Cells: characteristics, roles in metastatic disease and targeting therapy for the medically underserved.  Zhenya Morgatskaya, Reza Bayat Mokhtari, Albina Tyker, Parandis Kazemi, Tina Homayouni, Narges Baluch, Sara Dhalla, Shreya Rekhi, Sushil Kumar, Herman Yeger.

B49  Profiling of GLI antagonists in phenotypic models for effects on inflammatory breast cancer cell growth..  Helen Oladapo, Scott Sauer, Michael Tarpley, Gayathri Devi, Kevin P Williams.

Diet and Nutrition

B50  A church-based diet, physical activity, and stress intervention results in lower waist to hip ratios and reduced chronic inflammation in African-American males.  James R Hebert, Michael D Wirth, Brook E Harmon, Nitin Shivappa, Thomas G Hurley, Lisa C Davis, Cheryl A Armstead, Angela E Murphy.


Familial and Genetic Epidemiology

B53  BRCA1 and BRCA2 mutations spectrum in Puerto Rican Hispanics.  Julyann Pérez-Mayoral, Adrian Cora-Morges, Krystel Gonzalez-Rosa, Jessica Hernandez, Danielle Castillo, Josef Herzog, Jeffrey Weitzel, Marcia Cruz-Correa.

General Epidemiology and Biostatistics

B54  Relationship between aspirin use and lung cancer risk differs based on race.  Stephanie S Pandolfo, Angela S Wenzlaff, Christine M Lusk, Elyse Reamer, Christine Neslund-Dudas, Ayman O Soubani, Shirish M Gadgeel, Ann G Schwartz.


Molecular Epidemiology

B56  RNA-seq analysis of prostate cancer samples from Hispanic patients reveal progressive characteristics in Gleason patterns.  Natalia L Acosta, Melody C Baddoo, Alba L Combita, Rodolfo Varela, Jorge Mesa, Maria C Sanabria-Salas, Jovanny Zabaleta.

B58  Single-nucleotide polymorphisms of race-related alternatively spliced genes associate with prostate cancer risk, aggressiveness and/or survival.  Jennifer Freedman, Yanru Wang, Hongliang Liu, Patricia Moorman, Terry Hyslop, Daniel George, Norman Lee, Qingyi Wei, Steven Patierno.

B59  Analysis of High-Grade Serous Ovarian Cancer in a Cohort of Women diagnosed Epithelial Ovarian Cancer at University of Miami/Jackson Memorial Hospital.  Sophia HL George, Marilyn Huang, Leah Dodds, Raleigh Butler, Sean Oldak, Moraima Batista, Judith Hurley, Joseph Pearson, Erin Kobetz, Brian Slomovitz.


PR05, B62  Ancestry as a potential modifier of gene expression in luminal B tumors among Colombian women.  Silvia J Serrano-Gomez, Carolina Sanabria, Melody C Baddoo, Nataly Cruz-Rodriguez, Jone Garai, Gustavo Hernandez-Suarez, Juan Carlos Mejia, Lucio Miele, Chindo Hicks, Laura Fejerman, Jovanny Zabaleta.


Neighborhood Factors


B65  Development of neighborhood obesogenic factors and its applicability to obesity and cancer studies in diverse populations: The Multiethnic Cohort Study.  Salma Shariff-Marco, Li Tao, Juan Yang, Alison Canchola, Christina Clarke, Yuri Shvetsov, Shannon Conroy, Song-Yi Park, Andrew Hertz, Cheryl Albright, Laurence Kolonel, Kristine Monroe, Loic Le Marchand, Lynne Wilkens, Scarlett Lin Gomez, Iona Cheng.

Obesity, Metabolism, and Cancer

B67  **FTO and APO SNPs Impact Prostate Cancer Severity and Risk in Puerto Rican Men.** Margarita Irizarry Ramírez, Jorge Rodríguez Cabán, Jeannette Salgado Montilla, Beatriz Zayas, Nicole Serrant.

PR11, B68  **The molecular implications of lifestyle associated metabolites (AGEs) to prostate cancer disparity.** Danzell Smith, Dion Foster, Laura Spruill, Lourdes Nogueira, Bradley Krisanits, Scott Cramer, Marvella Ford, Stephen Savage, Thomas Keane, Victoria Findlay, David Turner.

**Race, Admixture, and Ethnicity**


B70  **Exploring the role of acculturation in breast, colorectal and cervical cancer screening among Hispanic women.** Mary Vanellys Diaz-Santana, Susan Hankinson, Susan Sturgeon, Carol Bigelow, Milagros Rosal, Judith Ockene, Katherine W Reeves.


B72  **Does prostate cancer risk vary by race after accounting for lifestyle factors in the Health Professionals Follow-up Study.** Nadine M. Hamieh, Sarah Markt, Sam Peisch, Edward Giovannucci, Kathryn Wilson, Lorelei Mucci.


B74  **DISPARITIES IN SURVIVAL AMONG HISPANIC CHILDREN WITH CANCER: THE TEXAS EXPERIENCE.** Erika Lopez Bertiery, Lei Xuan, Sandi Pruitt.

B75  **Diversity in cancer mortality within Hispanic populations in the United States: Prevailing patterns and atypical findings.** Paulo S Pinheiro, Karen E Callahan, Hongbin Jin.

PR09, B76  **Patient risk factors for high mammographic breast density and their contributions to ethnic differences in breast density.** Katherine Y. Tossas-milligan, Firas Dabbous, Therese Dolecek,
Teresita Macarol, William Summerfelt, Garth Rauscher.

Stress


Tobacco and Cancer

B78 The interplay between smoking at diagnosis, marital status, and head and neck cancer survivorship. Nosayaba Osazuwa-Peters, Eric Adjei Boakye, Betelihem B Tobo, Kara M Christopher, Betty Y Chen, Carl E Freter, Mark A Varvares.

Other Risk Factors


B80 Multiple Risk Factors for Hepatocellular Carcinoma (HCC) among Asian Americans: Implications for Intervention. Susan L Stewart, Julie HT Dang, Moon S Chen.

B81 Hair product use and breast cancer risk by hormone receptor status in the Women’s Circle of Health Study. Adana A.M. Llanos, Anna Rabkin, Gary Zirpoli, Cathleen Y. Xing, Bo Qin, Brian D. Gonzalez, Chi-Chen Hong, Kitaw Demissie, Elisa V. Bandera, Christine B. Ambrosone.

Screening and Early Detection


Genetic Testing and Counseling