Cancer Communications

B01 Utilizing Social Media to Disseminate Information & Resources Pertaining to Cancer & Cancer Research to Latinos. Amelie G Ramirez.


B03 Sociodemographic disparities in breast density notification in the 2015 National Health Interview Survey. Erica T Warner.

B04 Communication about HPV: Shared knowledge and HPV vaccine uptake among parents and adolescents in rural eastern North Carolina. Essie Torres, Alice Richman, Qiang Wu.

Community-based Interventions


Cancer Communications


B07 Asian American women's perspectives toward donating healthy breast tissue: Implications for recruitment methods and messaging. Katherine E Ridley-Merriweather.

B08 Acceptability of text messaging for communication of health information among Black and low-income women following abnormal cervical cancer screening. LaHoma Smith Romocki, Leslie Cofie, Andrea Des Marais, Theresa Curington, Chelsea Anderson, Jennifer S. Smith.


Community-based Interventions


B13 New messages and opportunities for prevention to empower African American women through community-based outreach and education on breast and cervical cancer risk. Elisa M Rodriguez, Frances G Saad-Harfouche, Christy A Widman, Clark S Nikia, Clarissa Martinez, Detric Johnson, Lina Jandorf, Deborah Erwin.


B15 Colorectal Cancer Knowledge and Adherence among Hispanic Workers. Judy Y Ou, Anne C Kirchhoff,
Potential challenges and strategies for working with community cancer advocates in a rural population. **Katelyn Schifano.**

Effects of promotores-led small group education on colorectal cancer knowledge among underserved Hispanics. **Katherine J Briant,** Janet Sanchez, Monica Escareno, Virginia Gonzalez, Beti Thompson.

Attitudes, perceptions, and strategies toward increasing cancer screening, treatment, and participation in research among Latinos. **Nadine J Barrett,** **Kearston L Ingraham,** Xiomara Boyce, Rebecca Reyes.

Screen to Save (S2S) implementation across National Outreach Network (NON) region 2. **Khaliah F. Fleming,** Jomar D. Lopez.

Cancer screening in rural Honduras: Maximizing impact with a multi-organ screening approach. **Linda Skewes Kennedy,** Kayla A. Marra, Ethan Phillip Marshall LaRochelle, Mary D Chamberlin, Kathleen D Lyons, Suyapa A. Bejarano, **Gregory J. Tsongalis.**

Community health worker led smoking cessation intervention in Virginia Appalachia. **Lindsay Hauser,** Catherine Labgold, Roger Anderson, Fabian Camacho.

Trends in mammography utilization at a safety net breast cancer screening center. **Bridget A Oppong,** Holly Greenwald, Chiranjeev Dash, Kepher Makambi, Tesha Coleman, **Lucile Adams-Campbell.**

The impact of a biobanking education intervention on trust in research and trust in doctors. **Shannon M Hughley,** Tahirah Abdullah, Ruth Akindele, Karen Burns White, Daniel A Gunderson, Christopher Lathan.


[Advocate Abstract:] We all win. **Frank D. Fields.**

[Advocate Abstract:] “Eliminating fears and misconceptions in the african american community”. **Loretta Herring.**

[Advocate Abstract:] Piloting a lay navigation program in rural north carolina. **Judy Plymale.**

[Advocate Abstract:] The cancer patient as starting player. not bench warmer. **David Wilson.**

[Advocate Abstract:] Health disparities among latinos with pancreatic cancer. **Fatima Zelada-Arenas.**

Creating a mobile device-based educational animation for African American women with hereditary breast cancer risk. Zo Ramamonjiarivelo, DeLawnia Comer-Hagans, **Ifeanyi Beverly Chukwudozie,** Shirley Spencer, Vida Henderson, Barry Pittendrigh, Julia Bello-Bravo, Karriem S. Watson, Catherine Balthazar, Rupert Evans, Robert A. Winn, Angela Odoms-Young, Kent Hoskins.

Utilization and Outcomes of Cancer Genetics Referrals at a Community Cancer Program. **Ruth N. Akindele,** Huma Q. Rana, Sarah R. Cochrane, Ludmila A. Svoboda, **Christopher S. Lathan.**

Motivating African American women with hereditary breast cancer risk to participate in genetic counseling. **DeLawnia Comer-HaGans,** Zo Ramamonjiarivelo, Shirley Spencer, Beverly Chukwudozie, Vida
Henderson, Karriem Watson, Catherine Balthazar, Rupert Evans, Robert Winn, Angela Odoms-Young, Kent Hoskins.

**B34** Patterns of BRCA testing at a safety net compared to a university hospital. Demetria J Smith, Christopher Sauter, Chao Zhang, Zhengjia Chen, Keerthi Gogineni.

**B35** Factors associated with beliefs about genetics related to cancer risk among racial and ethnic adults 18 years and older in the United States. Lawrence P McKinney, B.Sc., Gemechu Gerbi, PhD, Mechele Claridy, MPH, Brian Rivers, PhD.

**Biomarkers in Cancer Surveillance and Screening**


**Biomarkers in Imaging**

**B38** The ties that bind: Associations of communication, cancer history, and screening intention among diverse Kin KeeperSM families. Timiya S. Nolan, Alai Tan, Karen Patricia Williams.


**Biomarkers of Risk and Surrogate Endpoints**

**PR06, B40** Differences in tumor infiltrating lymphocytes between racially-distinct triple negative breast tumors. Nikita Wright, Chaeyun Lee, Wei Guanhao, Uma Krishnamurti, Xiaoxian Li, Padmashree C. G. Rida, Remus Osan, Ritu Aneja.

**Molecular Diagnostics**


**B44** Exosomes-associated miR-3128 and miR-3613 are dysregulated in African American men with prostate cancer and correlated with poor prognosis. Hamdy Ali, Andrew B Sholl, Pei-Yau Lung, Juan Bustamante, Jinfeng Zhang, King S Coffield, Zakaria Y. Abd Elmageed.

**Drug Design, Discovery, and Delivery**

**B45** A Novel Peptide Suppressing M2-Polarized Macrophages Enhances Sensitivity of Tumors Towards Current Chemotherapies and Immunotherapies. Anghesom A Ghebremedhin, Clayton C. Yates.

**Mechanisms of Drug Action**
B46  Vorinostat modulates the expression of the progesterone receptor in subtypes of triple negative breast cancer cell lines. Beverly Lyn-Cook, Fatemeh NouriEmamzadeh, Beverly Word, Rhonda Moore, Gustav Miranda-Carboni.


B48  Effect of concomitant CYP3A5 modulating drugs on androgen receptor signaling in African American men undergoing androgen deprivation therapy. Priyatham Gorjala, Oscar B Goodman Jr., Ranjana Mitra.

Other


B50  Heterogeneity of Tumor-micro environment and the role of CXCR5. Courtney D Dill, Adaugo Okoro, Dongquan Chen Ph.D., MSHI, James W Lillard Ph.D, M.B.A.

B51  Advancing Cancer Health Disparities Research Through the Beau Biden Cancer MoonshotSM. Sonia Rosenfield, Amy E. Kennedy, Diane Palmieri, L. Michelle Bennett.

DNA Damage and Repair Mechanisms

B52  Copy neutral loss of heterozygosity is decreased in African American colorectal cancers. Gaius J Augustus, Nathan A Ellis.

Stress Response and Allostatic Load


Tumor Promotion and Progression

B54  The inflammatory microenvironment in prostate cancer racial disparities. Janielle P Maynard, Angelo M De Marzo, Karen S Sfanos.

Angiogenesis and Invasion

B55  Tumor derived MCP-1 regulates invasiveness in triple negative breast cancer via the MAP Kinase pathway. Pranabananda Dutta, Kimberly Paico, Yanyuan Wu, Marianna Sarkissyan, Jaydutt Vadgama.

Cancer Genetics/Gene Expression

B56  Regulation of CXCR5-CXCL13 signaling in Prostate Cancer etiological disparities. Adaugo Queen Ohandjo, Courtney Dill, Chen Dongquan, James W Lillard.


B58  The role of epigenetic reader and alternative mRNA splicing variant MBD2_v2 in IL6 signaling in prostate cancer. Emily Girsch, Bin Bao, Cristina Mitrea, Wael A Sakr, Gregory Dyson, Isaac Powell, Aliccia Bollig-Fischer.

B59  Race-related differential splicing of the insulin receptor: A novel target underlying prostate cancer disparities. April Deveaux, Bi-Dar Wang, Bonnie Lacroix, Brendon Patierno, Dadong Zhang, Kouros Owzar,
B60 Nanoparticles directed to IL13RA2 for targeted therapy of basal-like breast cancer. Chen Khuan Wong, Sandy Zhang, Bjorn Reinhard, Sam Thiagalingam.


B62 Elucidating the role of CCL4 and CSF3 in breast cancer metastasis. Inez Yuwanita, Yoanna Rodriguez, Marianna Sarkissyan, Yanyuan Wu, Jaydutt V Vadgama.


B64 Race and prostate cancer: miRNA isoforms and tRNA fragments could hold some of the answers. Rogan G Magee, Aristeidis G Telonis, Phillipe Loher, Eric Londin, Isidore Rigoutsos.


B67 Overexpression of claudin-3 tight junction protein in endometrial cancer cell lines and tumor tissues derived from African American women. Maria E Cuevas, Maria C Todd.

B68 EGFR signaling mediated modulation of transcription and probable crosstalk with components of Wnt signaling. Miguel Nava, Nwamaka Amobi, Nathan Zemke, Arnold Berk, Robin Farias-Eisner, Jay Vadgama, Yanyuan Wu.

B69 Aggressiveness and tumor biology in prostate cancer patients with and without biochemical recurrence. Natalia Acosta, Jovanny Zabaleta, Rodolfo Varela, Jorge Mesa, Silvia Serrano, Jone Garay, Melody Baddoo, Cruz Nataly, Alba Lucía Combita, María Carolina Sanabria-Salas.


Cell Growth Signaling Pathways


DNA Methylation/Epigenetics, and Chromatin Regulation

B72 DNA methylation and genetic alterations contribute to aggressive prostate cancer in African American men. Swathi Ramakrishnan, Xuan Peng, Qianya Qi, Qiang Hu, Gissou Azabdaftari, Elena Pop, James Mohler, Kristopher Attwood, Li Yan, Jianmin Wang, Anna Woloszynska-Read.

Oncogenes/Tumor Suppressor Genes


PR04, B74 Development of a novel therapeutic splice-switching oligonucleotide targeting race-related
androgen receptor signaling and aggressive prostate cancer. Bonnie L LaCroix, Brendon M Patierno, Bruce A Sullenger, Daniel J George, Steven R Patierno, Jennifer A Freedman.

B75 Nutritional profiling reveals glutamine-utilizing transaminases as a metabolic vulnerability of TAZ/YAP-driven breast cancer cells. Eleni Stampouloglou, Nathan Kingston, Chih-Sheng Yang, Liye Zhang, Stefano Monti, Xaralabos Varelas.

B76 High glucose induces breast cancer progression through up-regulating PP2Cδ. Ke Wu, Xiaoting Yu, Xianghua Yi, Lynn Ma, Yahya Elshimali, Yanjun Liu, Donghui Zhu, Yong Wu, Jaydutt V Vadgama.

Familial and Genetic Epidemiology

B77 Panel testing to evaluate genetic predisposition to breast cancer in African American women. Heather L Blackburn, Craig D Shriver, Rachel E Ellsworth.


B79 Breast cancer characteristics and survival among Indigenous American women from Peru. Lizeth I Tamayo, Tatiana Vidaurre, Jeanine Navarro Vasquez, Sandro Casavilca, Jessica Ivonne Aramburu Palomino, Monica Calderon, Garth H Rauscher, Laura Fejerman.


Treatment Factors and Outcomes

B82 Is breast cancer survival associated with facility characteristics where the problem was initially presented to the healthcare system? Implications for racial/ethnic disparities in breast cancer. Alejandro Hughes, Garth Rauscher, Abigail Silva, Anne Marie Murphy.


Pediatric Cancers


Other Organ Sites


[Advocate Abstract:] Metastatic patients and clinical trials. April Knowles.