

Cancer Communications

B01 Utilizing Social Media to Disseminate Information & Resources Pertaining to Cancer & Cancer Research to Latinos. [Amelie G Ramirez](#).

B02 News They Can Use? The Portrayal of Breast Cancer Risk and Prevention in Print News and Popular Press for Young Women. [Ann Carroll Klassen](#), Amy Leader, Ana Martinez-Donate, Augusta Villanueva, Suzanne Grossman, Udara Perera, Tashi Lhamo, HeeSoon Juon.

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

B05 An Evaluation of a Community-based Breast Education and Navigation Program: Highlights and Lessons Learned from the Pitt County Breast Wellness Initiative. [Essie Torres](#), Alice Richman.

Cancer Communications

B06 Social media and colorectal cancer communication: The reach of Facebook Live and Twitter chat in Utah. [Jennyffer Morales](#), Garrett Harding, Janae Decker, Lisa Anderson, Alyssa Geisler, Jane Ostler, Donna Branson, Jeff Yancey, Ana Maria Lopez.

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.

B09 Partnering Around Cancer Clinical Trials: Preliminary report of an intervention to improve patient-physician communication and clinical trial enrollment of Black and White men with prostate cancer. [Lauren M. Hame](#), Louis A. Penner, Elisabeth Heath, Dina Lansey, Michael Carducci, Terrance L. Albrecht, Ellen Barton, Mark Manning, Tanina Foster, Mark Wojda, Susan Eggly.

B10 Prevalence of Culturally Tailored Cancer Messages in African-American Churches. [Shaila Strayhorn](#), Brook Harmon, Andrew Carter, James Hebert.

Community-based Interventions

B11 Sustaining annual colorectal cancer screening in rural community health clinics using the fecal immunochemical test (FIT). [Connie L Arnold](#), Terry C Davis, Alfred Rademaker, James Morris, Glenn Mills.

B12 Betel Nut Use and Oral Cancer in a High-Risk Refugee Community in the United States: The Effectiveness of an Awareness Initiative. Lucy L Shi, Ella Bradford, [Danielle K Depalo](#), Amy Y Chen.

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.

B14 Promising Effects of A Culturally Tailored Pilot Intervention to Increase HPV Vaccination Uptake among Female and Male Adolescents. [Grace X Ma](#), Yin Tan, Shumenghui Zhai, Philip Siu, Sarah Lai, Lin Zhu, Adeodat Ilboudo, Min Qi Wang.

B15 Colorectal Cancer Knowledge and Adherence among Hispanic Workers. [Judy Y Ou](#), Anne C Kirchhoff,

Echo L Warner, Laura Martel, Deanna Kepka.

B16 Potential challenges and strategies for working with community cancer advocates in a rural population. [Katelyn Schifano](#).

B17 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.

B18 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.

B19 Screen to Save (S2S) implementation across National Outreach Network (NON) region 2. [Khaliyah F. Fleming](#), Jomar D. Lopez.

B20 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](#).

B21 Community health worker led smoking cessation intervention in Virginia Appalachia. [Lindsay Hauser](#), Catherine Labgold, Roger Anderson, Fabian Camacho.

B22 Trends in mammography utilization at a safety net breast cancer screening center. [Bridget A Oppong](#), Holly Greenwald, Chiranjeev Dash, Kheper Makambi, Tesha Coleman, [Lucile Adams-Campbell](#).

B23 The impact of a biobanking education intervention on trust in research and trust in doctors. [Shannon M Hughley](#), Tahirah Abdullah, Ruth Akindede, Karen Burns White, Daniel A Gunderson , Christopher Lathan.

B24 Salud!, por la Vida, an educational intervention to increasing colorectal cancer screening in Puerto Ricans. [Vivian Colon-Lopez](#), Camille Velez-Alamo, Adrianna Acevedo-Fontanez, Marievelisse Soto-Salgado, Yolanda Serra-Martinez, Ileska Valencia-Torres, Maria E Fernandez.

B25 Empowering Latinas to Obtain Breast Cancer Screenings: Comparing Intervention Effects, Part 1. [Yamile Molina](#), Liliana G San Miguel, Lizeth Tamayo, Sylvia Gonzalez, Rosa de la Torre, Kryztal Peña, Araceli Lucio, Oliva Hernandez, Juanita Arroyo, Maria C Medina, Nora Coronado.

B26 [Advocate Abstract:] We all win. [Frank D. Fields](#).

B27 [Advocate Abstract:] “Eliminating fears and misconceptions in the african american community”. [Loretta Herring](#).

B28 [Advocate Abstract:] Piloting a lay navigation program in rural north carolina. [Judy Plymale](#).

B29 [Advocate Abstract:] The cancer patient as starting player. not bench warmer. [David Wilson](#).

B30 [Advocate Abstract:] Health disparities among latininos with pancreatic cancer. [Fatima Zelada-Arenas](#).

Genetic Testing and Counseling

B31 Creating a mobile device-based educational animation for African American women with hereditary breast cancer risk. Zo Ramamonjivarivelo, DeLawnia Comer-Hagans, [Ifeyanyi 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.

B32 Utilization and Outcomes of Cancer Genetics Referrals at a Community Cancer Program. Ruth N. Akindede, Huma Q. Rana, Sarah R. Cochrane, Ludmila A. Svoboda, [Christopher S. Lathan](#).

B33 Motivating African American women with hereditary breast cancer risk to participate in genetic counseling. [DeLawnia Comer-HaGans](#), Zo Ramamonjivarivelo, 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, Mechelle Claridy, MPH, Brian Rivers, PhD.

Biomarkers in Cancer Surveillance and Screening

B36 Overexpression of PVT1 exons 4A, 4B, and 9 is characteristic of aggressive prostate cancer in males of African ancestry. Adeodat Ilboudo, Akintunde Orunmuyi, Cuong Bach, Olorunseun Ogunwobi.

B37 Association of EMT with Prostate Cancer Health Disparities. Liza J Burton, Ohuod A Hawsawi, Quentin J Loyd, Camille Ragin, Valerie Odero-Marah.

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.

B39 A pilot study of neuropsychological functions, APOE and amyloid imaging in patients with gliomas. Denise Correa, Maria Kryza-Lacombe, Xiaosun Zhou, Raymond Baser, Brad Beattie, Zodina Beiene, Irene Orlow, John Humm, Lisa DeAngelis, Wolfgang Weber, Joseph Osborne.

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 Guan hao, Uma Krishnamurti, Xiaoxian Li, Padmashree C. G. Rida, Remus Osan, Ritu Aneja.

Molecular Diagnostics

B41 Transcriptome-wide profiling identifies novel differential genes associated with health disparity of prostate cancer. Hamdy Ali, Pei-Yau Lung, Shaimaa Gad, Andrew Sholl, Hamed I. Ali, Jinfeng Zhang, Zakaria Y. Abd Elmageed.

B42 Development of a urine exosome based prostate cancer gene expression panel to address racial differences in prostate cancer. Indu kohaar, Sreedatta Banerjee, Lakshmi Ravindranath, Yongmei Chen, Amina Ali, Jacob Kagan, Sudhir Srivastava, Albert Dobi, David McLeod, Inger L. Rosner, Shiv Srivastava, Gyorgy Petrovics.

B43 Germ-line and somatic mutations, immune signatures, and epigenetic alterations linked to neighborhood determinants of health differ in Black and Non-Latino White head and neck cancer patients. Rafael Guerrero-Preston, Fahcina Lawson, Laura Manuel, Blanca Valle, Tal Hadar, Bianca Rivera, Oluwasina Folawiyo, Adriana Baez Bermejo, Luigi Marchionni, Wayne Koch, William Westra, David Sidransky.

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.

B47 Efficacy of GLI antagonists in Triple Negative-Inflammatory Breast Cancer 2D and 3D models. [Helen Oladapo](#), Xiaojia Ji, Hassan Shehata, Mike Tarpley, Lhoucine Chdid, David Lamson, Xuhui Bao, Scott Sauer, Gayathri R Devi, Kevin P Williams.

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

B49 Factors Affecting the Treatment of Young Women with Breast Cancer at Tertiary Referral Public and Private Hospitals. [Ami Patel](#), Shubhada Dhage.

B50 Heterogeneity of Tumor-micro environment and the role of CXCR5. [Courtney D Dill](#), Aداugo 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

B53 Psychosocial stress exposure results in inhibition of mammary gland development and increase mammary stem cells in a rat model of breast cancer. [Marianna B Johnson](#), Joscelyn N Hoffmann, Hannah M You, Ahmad B Allaw, Jordan W Strober, Matthew J Brady, Martha K McClintock, Suzanne D Conzen.

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 .

PR01, B57 Distinct genomic alterations in prostate cancer of African American men. [Albert Dobi](#), Gyorgy Petrovics, Hua Li, Denise Young, Yongmei Chen, Jacob Kagan, Sudhir Srivastava, Reinhard Ebner, Inger L. Rosner, Jennifer Cullen, Matthew L. Freedman, Isabell A. Sesterhenn, Zoltan Szallasi, Shiv Srivastava.

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,

Norman Lee, Daniel George, Jennifer Freedman, Steven Patierno.

B60 Nanoparticles directed to IL13RA2 for targeted therapy of basal-like breast cancer. Chen Khuan Wong, Sandy Zhang , Bjorn Reinhard, Sam Thiagalingam.

B61 c-Myc is regulated and therapeutically targetable via the miR-1207-3p/FNDC1/FN1/AR pathway in aggressive prostate cancer in men of African Ancestry. Dibash K Das, Akintunde T Orunmuyi, Gabriel Olabiyi Ogun , S. Adekola Adebayo, A. Ayo Salako, Adeodat Ilboudo, Cuong Bach, E. O. Olapade-Olaopa, Olorunseun O Ogunwobi.

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

B63 Race and Triple Negative Breast Cancer: Advances in Non-coding RNA Research Together with a Systems-biology-level Analysis Uncover Key Molecular Differences . Aristeidis G Telonis, Isidore Rigoutsos.

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

B65 TTK and KLF5 mediate EMT in the context of TGF- β signaling in Triple Negative Breast Cancer. Jamie L. King, Baotong Zhang, Jin-Tang Dong.

B66 Contribution of Mitochondrial Ancestry in Cancer Health Disparities. Bajpai Prachi, Bhupendra Singh, Keshav Singh.

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 Lucia Combata, María Carolina Sanabria-Salas.

B70 Thymoquinone regulates cytochrome P450 genes involved in prostate cancer disparity. Santosh K. Singh, James W. Lillard, Rajesh Singh.

Cell Growth Signaling Pathways

B71 Biologic for the Treatment of CRLF2 B-Cell Acute Lymphoblastic Leukemia to Reduce Pediatric Cancer Health Disparities. Cornelia Stoian, Jacqueline S Coats, Veriah Vidales, Juliette Personius, Evgeny Chirshev, Hossam Alkashgari, Ineavely Baez, Lawrence Liu, Hannah Choi, Sinisa Dovat, Kimberly Payne.

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

B73 SOX2 regulation of FOXP1 as a mechanism driving disparate aggressiveness of prostate cancer in African-American men. Anthony Williams, Larischa de Wet, Marc Gillard, Steve Kregel, Tzintzuni Garcia, Russell Szmulewitz, Don Vander Griend.

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.

B78 Germline variants in high-risk non-BRCA breast cancer patients from Puerto Rico. [Julie Dutil](#), Jamie K Teer, Volha Golubeva, Sean Yoder, Nelly Arroyo, Miguel Echenique, Jaime Matta, Alvaro Monteiro.

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

B80 A new inherited gastric cancer form caused by mutations in homologous recombination genes. [Luis G Carvajal Carmona](#), International Gastric Cancer Genetics Collaboration.

B81 Changing Fertility Factors Affecting Breast Cancer in the Bahamas. [Sophia HL George](#), Ana Sandoval Leon, Talia Donenberg, Raleigh Bulter, Darron Halliday, DuVaughn Curling, Theodore Turnquest, John Lunn, Mohammad R Akbari, Steven Narod, Judith Hurley.

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.

B83 Survival of ethnic and racial minority patients with multiple myeloma treated with first generation immunomodulatory and proteasome inhibiting medications. [Elizabeth Dianne Pulte](#), Lei Nie, Nicole Gromley, Kirsten Goldberg, Amy McKee, Ann Farrell, Richard Pazdur.

PR11, B84 Temporal patterns of breast cancer treatment initiation and completion among black and white women in the Carolina Breast Cancer Study. [Sophie E Mayer](#), Melissa Troester, Stephanie B Wheeler, Andrew Olshan, Lisa A Carey, Jessica Tse, Katherine E Reeder-Hayes.

Pediatric Cancers

B85 Racial Differences in Survival of Pediatric Patients with Brain and Central Nervous System Cancer, United States, 2001– 2012. [David Siegel](#), Jun Li, Simple Singh.

B86 Ethnic differences in microRNA expression associated with relapse among pediatric B-acute lymphoblastic leukemia patients: a pilot study. [Ernest K Amankwah](#), Patrick A Brown.

Other Organ Sites

B87 [Advocate Abstract:] Prostate cancer survivorship among African American males. [Earl Bowen](#).

B88 [Advocate Abstract:] An anthropological approach to African American prostate cancer disparity. [Gerald Green](#).

B89 [Advocate Abstract:] Caribbean men and prostate cancer. [Jennifer Gumbs](#).

B90 [Advocate Abstract:] Armorup for life. [Loriana Hernandez-Aldama](#).

B91 [Advocate Abstract:] Metastatic patients and clinical trials. [April Knowles](#).

B92 **Metabolomic landscape of African American prostate cancer: insights into the biological basis of the racial disparity.** [Stacy M. Lloyd](#), Jie H. Gohlke, Jie H. Gohlke, Sumanta Basu, Vasanta Putluri, Shaiju K Vareed, Rebeca San Martin, Thekkelnaycke Rajendiran, Tiffany A. Dorsey, Bandana Prasad, Rajni Sonavane, Uttam Rasaily, James Henderson, Balasubramanyam Karanam, Harene Venghatakrishnan, Salil Bhowmik, Alexander Zaslavsky, Nilanjan Guha, Rick Kittles, Stefan Ambs, Michael Ittmann, David Rowley, Ganesh Palapattu, Nagireddy Putluri, George Michailidis, Arun Sreekumar.