POSTER SESSION B  
Monday, January 29  
5:00 – 7:30 p.m.  
Lone Star Salon D

B01  Effects of aerobic and resistance exercise on sarcopenic obesity in overweight or obese breast cancer survivors: A randomized controlled trial. Christina Dieli-Conwright, University of Southern California, Los Angeles, CA, United States.

B02  Relationship between obesity and breast tumor pathology in a contemporary set of patients. Leann Lovejoy, Chan Soon-Shiong Institute of Molecular Medicine at Windber, Windber, PA, United States.

B03  Higher rates of overweight and obesity in pediatric oncology patients persists into survivorship; A retrospective study. Brianna Murphy, The University of Texas MD Anderson Cancer Center, Houston, TX, United States.

B04  Application of the WCRF International/University of Bristol methodology for systematically reviewing mechanistic evidence on the subject of obesity and cancer. Sarah Lewis, University of Bristol, Bristol, United Kingdom.

B05  Do environmental factors moderate effects of a weight loss intervention for African American breast cancer survivors? Jamila Kwarteng, Medical College of Wisconsin, Milwaukee, WI, United States.

B07  Racial/ethnic distribution of liver fat and pancreas fat and their prediction by biomarkers: The Multiethnic Cohort Adiposity Phenotype Study. Unhee Lim, University of Hawaii Cancer Center, Honolulu, HI, United States.

B08  The evidence linking obesity and cancer: Summarizing the findings from WCRF/AICR Continuous Update Project Reports. Nigel Brockton, American Institute for Cancer Research, Arlington, VA, United States.

B09  Effects of body shape and size on cancer incidence in the Alberta’s Tomorrow Project cohort. Darren Brenner, University of Calgary, Calgary, AB, Canada.

B10  Obesity-related cancer survivors have higher BMI and lower physical activity levels. Mary Puckett, Centers for Disease Control and Prevention, Atlanta, GA, United States.

B11  Weight status and diet-related behaviors and beliefs in parent-adolescent dyads: An analysis of the National Cancer Institute’s FLASHE Study. Linda Nebeling, National Cancer Institute, Rockville, MD, United States.
B12 Exploring the associations between daily glucose dynamics and cancer risk-related biomarkers in overweight and obese adults. Yue Liao, University of Texas MD Anderson Cancer Center, Houston, TX, United States.

B13 Observed cooking behaviors of families with and without childhood cancer survivors and the development of a healthy cooking assessment tool. Margaret Raber, University of Texas MD Anderson Cancer Institute, Houston, TX, United States.

B14 Body mass index is inversely associated with adherence to moderate-vigorous physical activity recommendations in ovarian cancer survivors. Meghan Skiba, University of Arizona, Tucson, AZ, United States.

B15 Association between HEI-2015 scores and obesity-related cancer incidence among postmenopausal Hispanic women in the Women's Health Initiative. Melissa Lopez-Pentecost, University of Arizona, Tucson, AZ, United States.

B16 Body mass index and physical activity in European American, Sea Island African American, and non-Sea Island African American women with breast cancer. Joan Cunningham, Medical University of South Carolina, Charleston, SC, United States.

B17 Visceral adipose tissue density and the obesity paradox in clear cell renal cell carcinoma (ccRCC). Helena Furberg Barnes, Memorial Sloan Kettering Cancer Center, New York, NY, United States.

B18 Obesity stimulates tumor growth in a novel paired in vitro and in vivo model using patient-derived colorectal cancer xenografts. Michael Greene, Auburn University, Auburn, AL, United States.

B19 First-year weight loss with androgen-deprivation therapy increases risks of prostate cancer progression and prostate cancer-specific mortality: Results from Search. Ilona Csizmadi, Cedars-Sinai Medical Center, Los Angeles, CA, United States.

B20 Breast epithelium DNA damage is elevated in obese BRCA mutation carriers in association with obesity-induced changes in breast adipose tissue. Priya Bhardwaj, Weill Cornell Medicine, New York, NY, United States.

B21 Exploring mechanisms of obesity-driven pancreatic cancer progression in mice. Mandar Muzumdar, Yale University School of Medicine, New Haven, CT, United States.


B23 Targeting leptin-Notch axis sensitizes pancreatic and triple-negative breast cancers to chemotherapeutics. Adriana Harbuzariu, Morehouse School of Medicine, Atlanta, GA, United States.

B24 Abdominal versus gluteofemoral obesity and risk of hepatocellular carcinoma and intrahepatic cholangiocarcinoma: The Liver Cancer Pooling Project. Jessica Petrick, National Cancer Institute, Bethesda, MD, United States.

B25 Adult calorie restriction using a high-fat diet reduces weight gain and delays mammary tumor development in a mouse model of postmenopausal breast cancer. Margot Cleary, Hormel Institute-University of Minnesota, Austin, MN, United States.
B26  **BMI and metabolic syndrome correlate with prostate enlargement in the intermediate- and high-risk prostate cancer patients.** Arash Samiei, Allegheny Health Network, Department of Urology, Pittsburgh, PA, United States.

B27  **Obesity and metabolic syndrome correlate with poor oncologic outcome in prostate cancer patients who underwent radical prostatectomy.** Arash Samiei, Allegheny Health Network, Department of Urology, Pittsburgh, PA, United States.

B29  **Inositol polyphosphate-4-phosphatase type II mediates prostate cancer latency.** Manqi Zhang, Florida International University, Miami, FL, United States.

B30  **Adipokines, visfatin and resistin, promote an invasive liver cancer phenotype.** Candace Miethe, Texas State University, San Marcos, TX, United States.

B31  **Excess dietary fat induces inflammatory cytokines, alters microbiome profiles, and reduces cancer latency in a model of reflux-induced esophageal adenocarcinoma.** Laura Kresty, University of Michigan, Ann Arbor, MI, United States.

B32  **Shifts in gut microbiome populations induced by diet modulate obesity-mediated breast cancer risk.** Katherine Cook, Wake Forest University Health Science, Winston Salem, NC, United States.

B33  **The function of the NLRP3 inflammasome and caspase-1/11 in diet-induced obesity, lipid inflammatory metabolism, and gut microbiota.** Livia Dourado, University of Brasilia, Brasilia, DF, Brazil.

B34  **Nonalcoholic fatty liver disease (NAFLD), an important risk factor for liver cancer, and links to the microbiome in the Multiethnic Cohort Adiposity Phenotype Study (MEC-APS).** Meredith Hullar, Fred Hutchinson Cancer Research Center, Seattle, WA, United States.