RESEARCH ARTICLES

747 Biomarker Discovery for Heterogeneous Diseases
Garrick Wallstrom, Karen S. Anderson, and Joshua LaBaer

The Effects of Aerobic Exercise on Estrogen Metabolism in Healthy Premenopausal Women
Alma J. Smith, William R. Phipps, William Thomas, Kathryn H. Schmitz, and Mindy S. Kurzer

Comparison of Nicotine and Carcinogen Exposure with Water Pipe and Cigarette Smoking
Peyton Jacob III, Ahmad H. Abu Raddaha, Delia Dempsey, Christopher Havel, Margaret Peng, Lisa Yu, and Neal L. Benowitz

Physical Activity and Fatigue in Breast Cancer Survivors: A Panel Model Examining the Role of Self-efficacy and Depression
Siobhan M. Phillips and Edward McAuley

Increasing Hepatitis B Screening for Hmong Adults: Results from a Randomized Controlled Community-Based Study

Adherence to the WCRF/AICR Guidelines for Cancer Prevention is Associated with Lower Mortality Among Older Female Cancer Survivors
Maki Inoue-Choi, Kim Robien, and DeAnn Lazovich

Risk of Pancreatic Cancer in Breast Cancer Families from the Breast Cancer Family Registry
Evelina Mocci, Roger L. Milne, Elena Yuste Méndez-Villamil, John L. Hopper, Esther M. John, Irene L. Andrulis, Wendy K. Chung, Mary Daly, Saundra S. Buys, Nuria Malats, and David E. Goldgar

Risk Assessment of Upper Tract Urothelial Carcinoma Related to Aristolochic Acid
Felicia Wu and Tianxiu Wang

Gastric Parietal Cell Antibodies Helicobacter Pylori Infection, and Chronic Atrophic Gastritis: Evidence from a Large Population-based Study in Germany
Yan Zhang, Melanie N. Weck, Ben Schöttker, Dietrich Rothenbacher, and Hermann Brenner

Gene Variants in Angiogenesis and Lymphangiogenesis and Cutaneous Melanoma Progression

A Linked-Registry Study of Gestational Factors and Subsequent Breast Cancer Risk in the Mother
Rebecca Troisi, David R. Doody, and Beth A. Mueller

Lifestyle and Dietary Factors in Relation to Risk of Chronic Myeloid Leukemia in the NIH-AARP Diet and Health Study
Geoffrey C. Kabat, Jennifer W. Wu, Steven C. Moore, Lindsay M. Morton, Yikyung Park, Albert R. Hollenbeck, and Thomas E. Rohan

Inflammatory Plasma Markers and Pancreatic Cancer Risk: A Prospective Study of Five U.S. Cohorts
Ying Bao, Edward L. Giovannucci, Peter Kraft, Zhi Rong Qian, Chen Wu, Shuji Ogino, J. Michael Gaziano, Meir J. Stampfer, Jing Ma, Julie E. Buring, Howard D. Sesso, I-Min Lee, Nader Rifai, Michael N. Pollak, Li Jiao, Lawrence Lessin, Barbara B. Cochrane, JoAnn E. Manson, Charles S. Fuchs, and Brian M. Wolpin
The Increased Risk of Colon Cancer Due to Cigarette Smoking May Be Greater in Women than Men
Ranjan Parajuli, Eivind Bjerkaas, Age Tverdal, Randi Selmer, Loic Le Marchand, Elisabete Weiderpass, and Inger T. Gram

Sleep Disruption Among Older Men and Risk of Prostate Cancer
Lara G. Sigurdardottir, Unnur A. Valdimarsdottir, Lorelei A. Mucci, Katja Fall, Jennifer R. Rider, Eva Schernhammer, Charles A. Czeisler, Lenore Launer, Tamara Harris, Meir J. Stampfer, Vilmundur Gudnason, and Steven W. Lockley

Combined and Interactive Effects of Environmental and GWAS-Identified Risk Factors in Ovarian Cancer

Genes Associated with Prostate Cancer Are Differentially Expressed in African American and European American Men
Isaac J. Powell, Greg Dyson, Susan Land, Julie Rut erbush, Cathryn H. Bock, Steve Lenk, Mehlsati Herawi, Richard Everson, Craig N. Giroux, Ann G. Schwartz, and Allicia Bollig-Fischer

Obesity and Future Prostate Cancer Risk among Men after an Initial Benign Biopsy of the Prostate
Andrew Rundle, Michelle Jankowski, Oleksandr N. Kryvenko, Deliang Tang, and Benjamin A. Rybicki

Serum 25-Hydroxyvitamin D and Cancer Risk in Older Adults: Results from a Large German Prospective Cohort Study
José M. Ordóñez-Mena, Ben Schöttker, Ulrike Haug, Heiko Müller, Josef Kühler, Lutz Schomburg, Bernd Holleczek, and Hermann Brenner

Family History of Colorectal Cancer in BRAF p.V600E-Mutated Colorectal Cancer Cases

Plasma Carotenoid- and Retinol-Weighted Multi-SNP Scores and Risk of Breast Cancer in the National Cancer Institute Breast and Prostate Cancer Cohort Consortium

Food and Nutrient Epidemiology: Are We Getting Closer to Understanding Cancer Causation?
Elevated 4-Aminobiphenyl and 2,6-Dimethylaniline Hemoglobin Adducts and Increased Risk of Bladder Cancer among Lifelong Nonsmokers—The Shanghai Bladder Cancer Study

Risk Factors for Second Screen-Detected or Interval Breast Cancers in Women with a Personal History of Breast Cancer Participating in Mammography Screening
Nehmat Houssami, Linn A. Abraham, Karla Kerlikowske, Diana S.M. Buist, Les Irwig, Janie Lee, and Diana L. Miglioretti

Serum Factors and Clinical Characteristics Associated with Serum E-Screen Activity
Jue Wang, Amy Trentham-Dietz, Jocelyn D.C. Hemming, Curtis J. Hedman, and Brian L. Sprague

Identification of PTHrP(12-48) as a Plasma Biomarker Associated with Breast Cancer Bone Metastasis
Charity L. Washam, Stephanie D. Byrum, Kim Leitzel, Suhail M. Ali, Alan J. Tackett, Dana Gaddy, Suzanne E. Sundermann, Allan Lipton, and Larry J. Suva

NULL RESULTS IN BRIEF

Hormone Metabolism Genes and Mammographic Density in Singapore Chinese Women
Eunjung Lee, Yu-Chen Su, Juan Pablo Lewinger, Chris Hsu, David Van Den Berg, Giske Ursin, Woon-Puay Koh, Jian-Min Yuan, Daniel O. Stram, Mimi C. Yu, and Anna H. Wu

Analysis of Over 10,000 Cases Finds No Association between Previously Reported Candidate Polymorphisms and Ovarian Cancer Outcome
Kristin L. White, Robert A. Vierkant, Zachary C. Fogarty, Bridget Charbonneau, Matthew S. Block, Paul D.P. Pharoah, Georgia Cheneweth-Trench, for AOCS/ACS group; Mary Anne Rossing, Deirdre Cronin-Fenton, Lars Pedersen, Henrik Toft Sørensen, and Timothy L. Lash

CORRECTION

Correction: Lipophilic Statin Use and Risk of Breast Cancer Subtypes

NULL ASSOCIATION BETWEEN TAMOXIFEN USE AND DEMENTIA IN DANISH BREAST CANCER PATIENTS
Anne Gulbech Ording, Anders Bonde Jensen, Karen Cronin-Fenton, Lars Pedersen, Henrik Toft Sørensen, and Timothy L. Lash

A PROSPECTIVE STUDY OF LEUKOCYTE TELOMERE LENGTH AND RISK OF RENAL CELL CARCINOMA
Jonathan N. Hofmann, Qing Lan, Richard Cawthon, H. Dean Horsgood III, Brian Shuch, Lee E. Moore, Nathaniel Rothman, Wong-Ho Chow, and Mark P. Purdue