Hypothesis

A Temporal Association between Folic Acid Fortification and an Increase in Colorectal Cancer Rates May Be Illuminating Important Biological Principles: A Hypothesis. Joel B. Mason, Aaron Dickstein, Paul F. Jacques, Paul Haggarty, Jacob Selhub, Gerard Dallal, and Irwin H. Rosenberg ................................................................. 1325

Review

The Mammalian Target of Rapamycin Pathway as a Potential Target for Cancer Chemoprevention. Levy Kopelovich, Judith R. Fay, Caroline C. Sigman, and James A. Crowell ................................................................. 1330

Research Articles

Smoking and Colorectal Cancer: Different Effects by Type of Cigarettes? Margreet Lüchtenborg, Kami K.L. White, Lynne Wilkens, Laurence N. Kolonel, and Loïc Le Marchand ................................................................. 1341


A Prospective Study of Polyunsaturated Fatty Acid Levels in Blood and Prostate Cancer Risk. Jorge E. Chavarro, Meir J. Stampfer, Haojie Li, Hannia Campos, Tobias Kurth, and Jing Ma ................................................................. 1364


Relationship of Human Toenail Nicotine, Cotinine, and 4-(Methylnitrosamino)-1-(3-Pyridyl)-1-Butanol to Levels of These Biomarkers in Plasma and Urine. Irina Stepanov, Stephen S. Hecht, Bruce Lindgren, Peyton Jacob III, Margaret Wilson, and Neal L. Benowitz ................................................................. 1382

Predictors of Self-Referral into a Cancer Genetics Registry. Nora Beidler Henrikson, Julie N. Harris, and Deborah J. Bowen ................................................................. 1387

Effects of High Fruit-Vegetable and/or Low-Fat Intervention on Breast Nipple Aspirate Fluid Micronutrient Levels. Zora Djuric, Gang Chen, Jianwei Ren, Raghu Venkatramanamoorthy, Chandice Y. Covington, Omer Kucuk, and Lance K. Heilbrun ................................................................. 1393

Risk of Breast Cancer After Exposure to Fertility Drugs: Results from a Large Danish Cohort Study. Allan Jensen, Heidi Sharif, Edith I. Svare, Kirsten Frederiksen, and Susanne Krüger Kjær ................................................................. 1400

Effect of Delivered Dosage of Cigarette Smoke Toxins on the Levels of Urinary Biomarkers of Exposure. Assieh A. Melikian, Mirjana V. Djordjevic, Shuquen Chen, John Richie, Jr., and Steven D. Stellman ................................................................. 1408

Identifying Latent Classes of Adults at Risk for Skin Cancer Based on Constitutional Risk and Sun Protection Behavior. Alana D. Steffen, Karen Glanz, and Lynne R. Wilkens

Associations of Antioxidant Nutrients and Oxidative DNA Damage in Healthy African-American and White Adults. Joanne L. Watters, Jessie A. Satia, Larry L. Kupper, James A. Sweeney, Jane C. Schroeder, and Boyd R. Switzer


Dietary Patterns and Breast Cancer Risk in the Shanghai Breast Cancer Study. Xiaohui Cui, Qi Dai, Marilyn Tseng, Xiao-Ou Shu, Yu-Tang Gao, and Wei Zheng

Anthropometry and Pancreatic Cancer Risk: An Illustration of the Importance of Microscopic Verification. Bas A.J. Verhage, Leo J. Schouten, R. Alexandra Goldbohm, and Piet A. van den Brandt

Mitochondrial Genetic Polymorphisms and Pancreatic Cancer Risk. Liang Wang, William R. Bamlet, Mariza de Andrade, Lisa A. Boardman, Julie M. Cunningham, Stephen N. Thibodeau, and Gloria M. Petersen

Combinations of Cytochrome P450 Gene Polymorphisms Enhancing the Risk for Sporadic Colorectal Cancer Related to Red Meat Consumption. Sébastien Kühry, Bruno Bueche, Sébastien Robieli-du-Pont, Catherine Scoul, Véronique Sébille, Hélène Colman, Claire Le Houérou, Tanguy Le Neel, Jérémie Bourdon, Roger Faroux, Jean Ollivry, Bernard Lafraise, Louis-Dominique Chupin, and Stéphane Bézieau


Body Mass Index, Physical Activity, and Risk of Multiple Myeloma. Brenda M. Birmann, Edward Giovannucci, Bernard Rosner, Kenneth C. Anderson, and Graham A. Colditz


Effects of Colon Cancer Risk Counseling for First-Degree Relatives. Karen Glanz, Alana D. Steffen, and Lauren A. Taglialetela

Immunoglobulin E Levels and Risk of Lymphoma in a Case-Control Study in Spain. Lis Ellison-Loschmann, Yolanda Benavente, Jeroen Douwes, Enric Buendia, Rebecca Font, Tomás Álvaro, Manolis Kogevinas, and Silvia de Sanjosé

Nevus Size and Number Are Associated with Telomere Length and Represent Potential Markers of a Decreased Senescence In vivo. Veronique Bataille, Bernet S. Kato, Mario Falchi, Jeffrey Gardner, Masayuki Kimura, Marko Lens, Ursula Perks, Ana M. Valdes, Dot C. Bennett, Abraham Aviv, and Tim D. Spector


Deficient G2-M and S Checkpoints are Associated with Increased Lung Cancer Risk: A Case-Control Analysis. Jinliang Xing, Margaret R. Spitz, Charles Lu, Hua Zhao, Hushan Yang, Wei Wang, David J. Stewart, and Xifeng Wu .......... 1517

Null Results in Brief

Cholecystectomy and the Risk of Recurrent Colorectal Adenomas. Lisa C. Vinikoor, Douglas J. Robertson, John A. Baron, William B. Silverman, and Robert S. Sandler ................................................................. 1523

Letters to the Editors

Obesity and Insulin-Like Growth Factor-I in African Americans and Whites. ........................................... 1526

Sugar and Ovarian Cancer Risk. ................................................................. 1527

Aspartame Consumption and Incidence of Hematopoietic and Brain Cancers. ........................................... 1527

A Report from ASPO

On Education, Interdisciplinary Research, and Rodeo—the 31st Annual Meeting of the American Society of Preventive Oncology. Peter A. Kanetsky and Suzanne M. Miller ................................................................. 1530

Instructions for Authors ................................................................. i–iv