Editorial

Cholesterol and Cancer: Answers and New Questions. Eric J. Jacobs and Susan M. Gapstur ........................................ 2805

Research Articles

Men with Low Serum Cholesterol Have a Lower Risk of High-Grade Prostate Cancer in the Placebo Arm of the Prostate Cancer Prevention Trial. Elizabeth A. Platz, Cathee Till, Phyllis J. Goodman, Howard L. Parnes, William D. Figg, Demetrius Albanes, Marian L. Neuhausser, Eric A. Klein, Ian M. Thompson, Jr., and Alan R. Kristal ...... 2807

Prediagnostic Total and High-Density Lipoprotein Cholesterol and Risk of Cancer. Jiyoung Ahn, Unhee Lim, Stephanie J. Weinstein, Arthur Schatzkin, Richard B. Hayes, Jarmo Virtamo, and Demetrius Albanes ................ 2814

Rates of Atypical Ductal Hyperplasia Have Declined with Less Use of Postmenopausal Hormone Treatment: Findings from the Breast Cancer Surveillance Consortium. Tehillah S. Menes, Karla Kerlikowske, Shabnam Jaffer, Deborah Seger, and Diana L. Miglioretti .......................... 2822

Elevated Cancer Mortality in the Relatives of Patients with Pancreatic Cancer. Li Wang, Kieran A. Brune, Kala Visvanathan, Daniel Laheru, Joseph Herman, Christopher Wolfgang, Richard Schulick, John L. Cameron, Michael Goggins, Ralph H. Hruban, and Alison P. Klein .................... 2829

Colorectal Cancer Incidence and Postmenopausal Hormone Use by Type, Recency, and Duration in Cancer Prevention Study II. Janet S. Hildebrand, Eric J. Jacobs, Peter T. Campbell, Marjorie L. McCullough, Lauren R. Teras, Michael J. Thun, and Susan M. Gapstur ................... 2835

Energy Intake and Risk of Postmenopausal Breast Cancer: An Expanded Analysis in the Prostate, Lung, Colorectal, and Ovarian Cancer Screening Trial (PLCO) Cohort. Laura Y. Sue, Catherine Schairer, Xiaomei Ma, Craig Williams, Shih-Chen Chang, Anthony B. Miller, Catherine A. McCarty, Bradley J. Willcox, and Regina G. Ziegler ........................................ 2842

Long-Term and Recent Recreational Physical Activity and Survival After Breast Cancer: The California Teachers Study. Carmen Nicole West-Wright, Katherine DeLeLLis Henderson, Jane Sullivan-Halley, Giske Ursin, Dennis Deapen, Susan Neuhausen, Peggy Reynolds, Ellen Chang, Huiyan Ma, and Leslie Bernstein .................. 2851

Reproducibility of Fifteen Urinary Estrogens and Estrogen Metabolites over a 2- to 3-Year Period in Premenopausal Women. A. Heather Eliassen, Regina G. Ziegler, Bernard Rosner, Timothy D. Veenstra, John M. Roman, Xia Xu, and Susan E. Hankinson ..................... 2860

The Relation of Serum Parathyroid Hormone and Serum Calcium to Serum Levels of Prostate-Specific Antigen: A Population-Based Study. Halcyon G. Skinner and Gary G. Schwartz ........................................ 2869

Genetic Variants in the Vitamin D Receptor Are Associated with Advanced Prostate Cancer at Diagnosis: Findings from the Prostate Testing for Cancer and Treatment Study and a Systematic Review. Lina Chen, George Davey Smith, David M. Evans, Angela Cox, Debbie A. Lawlor, Jenny Donovan, Wei Yuan, Ian N.M. Day, Richard M. Martin, Athene Lane, Santi Rodriguez, Michael Davis, Luisa Zuccolo, Simon M. Collin, Freddie Hamdy, David Neal, and Sarah J. Lewis .......................... 2874

Nutrient Dietary Patterns and Gastric Cancer Risk in Italy. Paola Bertuccio, Valeria Edefonti, Francesca Bravi, Monica Ferraroni, Claudio Pelucchi, Eva Negri, Adriano Decarli, and Carlo La Vecchia .................. 2882

Associations between Silicone Skin Cast Score, Cumulative Sun Exposure, and Other Factors in the Ausimmune Study: A Multicenter Australian Study. Robyn M. Lucas, Anne-Louise Ponsonby, Keith Dear, Bruce V. Taylor, Terence Dwyer, Anthony J. McMichael, Patricia Valery, Ingrid van der Mei, David Williams, Michael P. Pender, Caron Chapman, Alan Coulthard, and Trevor Kilpatrick ..................... 2887
Asbestos Exposure and Gestational Trophoblastic Disease: A Hypothesis. Alison Reid, Jane Heyworth, Nick de Klerk, and A.W. Musk ................................................................. 2895


An Examination of the Psychosocial Factors Influencing Colorectal Cancer Patients' Communication of Colorectal Cancer Patient Risk with Their Siblings. Catalina Lawsin, Katherine DuHamel, Steven Itzkowitz, Karen Brown, Helen Lim, and Lina Jandorf ................................................................. 2907

Sheddase Activity of Tumor Necrosis Factor-α Converting Enzyme Is Increased and Prognostically Valuable in Head and Neck Cancer. Lisheng Ge, Dejan Baskic, Per Basse, Lazar Vujanovic, Sebnem Unlu, Toshie Yoneyama, Andrea Vujanovic, Jie Han, Dragic Bankovic, Miroslaw J. Szczepanski, Jennifer L. Hunt, Ronald B. Herberman, Susanne M. Gollin, Robert L. Ferris, Theresa L. Whiteside, Eugene N. Myers, and Nikola L. Vujanovic ................................................................. 2913

Selenium Supplementation Reduced Oxidative DNA Damage in Adnexectomized BRCA1 Mutations Carriers. Tomasz Dzianian, Tomasz Huzarski, Daniel Gackowski, Rafal Rozalski, Agnieszka Siomek, Anna Szpila, Jolanta Guz, Jan Lubinski, Wojciech Wasowicz, Krzysztof Roszkowski, and Ryszard Olinski ................................................................. 2923


Effects of Vitamin D and Calcium on Proliferation and Differentiation In Normal Colon Mucosa: a Randomized Clinical Trial. Veronika Fedirko, Robert L. Bostick, W. Dana Flanders, Qi Long, Eduard Sidelnikov, Aasma Shaukat, Carrie R. Daniel, Robin E. Rutherford, and Jill Joelle Woodard ................................................................. 2933

Testosterone and Biological Characteristics of Breast Cancers in Postmenopausal Women. Giorgio Secreto, Elisabetta Venturelli, Elisabetta Meneghini, Marco Greco, Cristina Ferraris, Massimo Gion, Matelda Zancan, Aline S.C. Fabricio, Franco Berrino, Adalberto Cavalleri, and Andrea Micheli ................................................................. 2942

The Prognostic Significance of Tryptophanyl-tRNA Synthetase in Colorectal Cancer. Arezo Ghanipour, Karin Jirström, Fredrik Pontén, Bongt Glimelius, Lars Pålman, and Helgi Birgisson ................................................................. 2949

Diindolylmethane Inhibits Cervical Dysplasia, Alters Estrogen Metabolism, and Enhances Immune Response in the K14-HPV16 Transgenic Mouse Model. Daniel W. Sepkovic, Johann Stein, Antoine D. Carlisle, H. Barbara Ksieski, Karen Auborn, and H. Leon Bradlow ................................................................. 2957

Colorectal Mucosal Expression of MSH2 as a Potential Biomarker of Risk for Colorectal Neoplasms. Eduard Sidelnikov, Roberd M. Bostick, W. Dana Flanders, Qi Long, and March E. Seabrook ................................................................. 2965


Breast Cancer Recurrence in Older Women Five to Ten Years after Diagnosis. Jaclyn L.F. Bosco, Timothy L. Lash, Marianne N. Prout, Diana S.M. Buist, Ann M. Geiger, Reina Haque, Feifei Wei, Rebecca A. Silliman, and for the BOW Investigators ................................................................. 2979


CYP1A2, GSTM1, and GSTT1 Polymorphisms and Diet Effects on CYP1A2 Activity in a Crossover Feeding Trial. Sabrina Peterson, Yvonne Schwarz, Shuying S. Li, Lin Li, Irena B. King, Chu Chen, David L. Eaton, John D. Potter, and Johanna W. Lampe .................................................. 3118

Null Results in Brief

Dietary Patterns and Prostate Cancer Risk. David C. Muller, Gianluca Severi, Laura Baglietto, Kavitha Krishnan, Dallas R. English, John L. Hopper, and Graham G. Giles .......................................................... 3126

Solvent Exposure and Non-Hodgkin Lymphoma: No Risk in a Population-Based Study in the San Francisco Bay Area. Gregory J. Tranah, Elizabeth A. Holly, and Paige M. Bracci .................................................. 3130

ASPO Commentary


Corrections

Correction: Soy Intake Is Associated with Increased 2-Hydroxylation and Decreased 16-Hydroxylation of Estrogens in Asian-American Women .................................................. 3138

Correction: Reproductive Factors, Age at Maximum Height, and Risk of Three Histologic Types of Breast Cancer .................................................. 3138