Editorial

A First-Degree Relative with Colorectal Cancer: What Are We Missing? Ellen Kampman .................................................. 1

Research Articles

Risk for High-Grade Cervical Intraepithelial Neoplasia Associated with Variants of Human Papillomavirus Types 16 and 18. Long Fu Xi, Laura A. Koutsky, Allan Hildesheim, Denise A. Galloway, Cosette M. Wheeler, Rachel L. Winer, Jesse Ho, and Nancy B. Kiviat ................................................................. 4

Viral Determinants of Human Papillomavirus Persistence following Loop Electrical Excision Procedure Treatment for Cervical Intraepithelial Neoplasia Grade 2 or 3. Aimée R. Kreimer, Hormuzd A. Katki, Mark Schiffman, Cosette M. Wheeler, Philip E. Castle, for the ASCUS-LSIL Triage Study Group .................................................. 11


Incessant Ovulation, Mucin 1 Immunity, and Risk for Ovarian Cancer. Kathryn L. Terry, Linda Titus-Ernstoff, John R. McKolanis, William R. Welch, Olivia J. Finn, and Daniel W. Cramer .................................................. 30


Mammographic Breast Density as a General Marker of Breast Cancer Risk. Celine M. Vachon, Kathleen R. Brandt, Karthik Ghosh, Christopher G. Scott, Shaun D. Maloney, Michael J. Carston, V. Shane Pankratz, and Thomas A. Sellers .................................................. 43


Body Mass Index, Weight Change, and Risk of Prostate Cancer in the Cancer Prevention Study II
Mary Beth Terry, Lifang Hou, Jinbo Chen, Jolanta Lissowska, Meredith Yeager, Witold Zatonski, Stephen Chanock, and Karl T. Kelsey

David M. Werny, Trevor Thompson, Mona Saraiya, David Freedman, Benny J. Kottiri, Robert R. German, and Mark Wener

A Case-Control Investigation of Immune Function Gene Polymorphisms and Risk of Testicular Germ Cell Tumors.
Mark P. Purdue, Lori C. Sakoda, Barry I. Graubard, Robert Welch, Stephen J. Chanock, Isabel A. Sesterhenn, Mark V. Rubertone, R. Loren Erickson, and Katherine A. McGlynn

High-Order Interactions among Genetic Variants in DNA Base Excision Repair Pathway Genes and Smoking in Bladder Cancer Susceptibility.
Maosheng Huang, Colin P. Dinney, Xin Lin, Jie Lin, H. Barton Grossman, and Xifeng Wu

Polymorphisms of Catechol-O-Methyltransferase in Men with Renal Cell Cancer.
Yuichiro Tanaka, Hiroshi Hirata, Zhong Chen, Nobuyuki Kikuno, Ken Kawamoto, Shahana Majid, Takashi Tokizane, Shinji Urakami, Hiroaki Shiina, Koichi Nakajima, Rajiv Dhir, and Rajvir Dahiya

Flavonoids and the Risk of Renal Cell Carcinoma.
Cristina Bosetti, Marta Rossi, Joseph K. McLaughlin, Eva Negri, Renato Talamini, Pagona Lagiou, Maurizio Montella, Valerio Ramazzotti, Silvia Franceschi, and Carlo LaVecchia

Early Detection of Head and Neck Cancer: Development of a Novel Screening Tool Using Multiplexed Immunobead-Based Biomarker Profiling.
Faina Linkov, Alex Lisovich, Zoya Yurkovetsky, Adele Marrangoni, Lyudmila Velikokhatnaya, Brian Nolen, Matthew Winans, William Bigbee, Jill Siegfried, Anna Lokshin, and Robert L. Ferris

Global DNA Methylation Level in Whole Blood as a Biomarker in Head and Neck Squamous Cell Carcinoma.

Genetic Polymorphisms in Folate Metabolism and the Risk of Stomach Cancer.
Fang Fang Zhang, Mary Beth Terry, Lifang Hou, Jinbo Chen, Jolanta Lissowska, Meredith Yeager, Witold Zatonski, Stephen Chanock, Alfredo Morabia, and Wong-Ho Chow

Common Melanocytic Nevi in 7-Year-Old Schoolchildren Residing at Different Latitudes in Sweden.
Ylva Rodvall, Carl-Fredrik Wahlgren, Henrik Ullén, and Kerstin Wiklund

Logan G. Spector, Stella M. Davies, Leslie L. Robison, Joanne M. Hilden, Michelle Roesler, and Julie A. Ross

Familial Effects of BRCA1 Genetic Mutation Testing: Changes in Perceived Family Functioning.
Antoinette M. Stroup and Ken R. Smith

Genetic Admixture among Hispanics and Candidate Gene Polymorphisms: Potential for Confounding in a Breast Cancer Study?
Carol Sweeney, Roger K. Wolff, Tim Byers, Kathy B. Baumgartner, Anna R. Giuliano, Jennifer S. Herrick, Maureen A. Murtaugh, Wade S. Samowitz, and Martha L. Slattery

Detection of Aminophenylnorharman, a Possible Endogenous Mutagenic and Carcinogenic Compound, in Human Urine Samples.
Rena Nishigaki, Yukari Totsuka, Hiroyuki Kataoka, Hirohumi Ushiyama, Sumio Goto, Takayuki Akasu, Tetsushi Watanabe, Takashi Sugimura, and Keiji Wakabayashi

Short Communications

Effect of the Women's Health Initiative Study Publication on Hormone Replacement Therapy Use among Women Who Have Undergone BRCA1/2 Testing.
Michel Dorval, Marie-Hélène Vallée, Marie Plante, Jocelyne Chiquette, Michel Gaudet, the Interdisciplinary Health Research International Team on Breast Cancer Susceptibility and Jacques Simard

Circulating Insulin and C-Peptide Levels and Risk of Breast Cancer among Predominately Premenopausal Women.
A. Heather Eliassen, Shelley S. Tworoger, Christos S. Mantzoros, Michael N. Pollak, and Susan E. Hankinson