Hypothesis/Commentary

Design Considerations for Genomic Association Studies: Importance of Gene-Environment Interactions.
Loïc Le Marchand and Lynne R. Wilkens .......................................................... 263

Commentary

UV or Not UV: Metals Are The Answer. Frank L. Meyskens, Jr. and Marianne Berwick .......................................................... 268

Research Articles

Baseline Prostate-Specific Antigen Level and Risk of Prostate Cancer and Prostate-Specific Mortality: Diagnosis Is Dependent on the Intensity of Investigation. David Connolly, Amanda Black, Anna Gavin, Patrick F. Keane, and Liam J. Murray .......................................................... 271


V89L Polymorphism of the 5α-Reductase Type II Gene (SRD5A2), Endogenous Sex Hormones, and Prostate Cancer Risk. Inbal Boger-Megiddo, Noel S. Weiss, Matt J. Barnett, Gary E. Goodman, and Chu Chen .......................................................... 286


Large-Scale Evaluation of Genetic Variants in Candidate Genes for Colorectal Cancer Risk in the Nurses’ Health Study and the Health Professionals’ Follow-up Study. Aditi Hazra, Stephen Chanock, Edward Giovannucci, David G. Cox, Tianhua Niu, Charles Fuchs, Walter C. Willett, and David J. Hunter .......................................................... 311


DNA Methyltransferase and Alcohol Dehydrogenase: Gene-Nutrient Interactions in Relation to Risk of Colorectal Polyps. Audrey Y. Jung, Elizabeth M. Poole, Jeanette Bigler, John Whitton, John D. Potter, and Cornelia M. Ulrich .......................................................... 330
A Common 8q24 Variant and the Risk of Colon Cancer: A Population-Based Case-Control Study. Li Li, Sarah J. Plummer, Cheryl L. Thompson, Alona Merkulova, Louise S. Acheson, Thomas C. Tucker, and Graham Casey .......................................................... 339

Plasma Tea Polyphenols and Gastric Cancer Risk: A Case-Control Study Nested in a Large Population-Based Prospective Study in Japan. Shizuka Sasazuki, Manami Inoue, Tsutomu Miura, Motoki Iwasaki, and Shoichiro Tsugane for the Japan Public Health Center-Based Prospective Study Group .......................................................... 343

Abdominal Obesity and the Risk of Esophageal and Gastric Cardia Carcinomas. Douglas A. Corley, Ai Kubo, and Wei Zhao .......................................................... 352

Pancreatic Cancer and Factors Associated with the Insulin Resistance Syndrome in the Korean Cancer Prevention Study. Amy Berrington de Gonzalez, Ji Eun Yun, Sang-Yi Lee, Alison P. Klein, and Sun Ha Jee .......................................................... 359

GATA-3 Expression in Breast Cancer Has a Strong Association with Estrogen Receptor but Lacks Independent Prognostic Value. David Voduc, Maggie Cheang, and Torsten Nielsen .......................................................... 365

Relative Weight at Age 12 and Risk of Postmenopausal Breast Cancer. Aditya Bardia, Celine M. Vachon, Janet E. Olson, Robert A. Vierkant, Alice H. Wang, Lynn C. Hartmann, Thomas A. Sellers, and James R. Cerhan .......................................................... 374


Vegetables and Fruits in Relation to Cancer Risk: Evidence from the Greek EPIC Cohort Study. Vassiliki Benetou, Phillippos Orfanos, Pagona Lagiou, Dimitrios Trichopoulos, Paolo Boffetta, and Antonia Trichopoulou .......................................................... 387

Comprehensive Evaluation of ESR2 Variation and Ovarian Cancer Risk. Celeste Leigh Pearce, Aimee M. Near, Johannah L. Butler, David Van Den Berg, Philip Bretsky, David V. Conti, Daniel O. Stram, Malcolm C. Pike, Joel N. Hirschhorn, and Anna H. Wu .......................................................... 393


Assessment of Interactions between PAH Exposure and Genetic Polymorphisms on PAH-DNA Adducts in African American, Dominican, and Caucasian Mothers and Newborns. Shuang Wang, Stephen Chanock, Deliang Tang, Zhigang Li, Wieslaw Jedrychowski, and Frederica P. Perera .......................................................... 405

Differential Roles of p16(INK4A) and p14(ARF) Genes in Prognosis of Oral Carcinoma. R. Saitarree, A. Abhilash, K.M. Sathy, K.R. Nalinakumar, Shaji Thomas, and S. Kannan .......................................................... 414


