Editorial

Ethical, Legal, and Policy Issues: Dominating the Biospecimen Discussion. Jimmie B. Vaught, Nicole Lockhart, Karen S. Thiel, and Julie A. Schneider 2521

Hypothesis/Commentary

Ovarian Cancer and Menopausal Hormone Therapy: More Data and New Questions. James V. Lacey, Jr. 2524

Adiposity and Age are Statistically Related to Enhanced RASSF1A Tumor Suppressor Gene Promoter Methylation in Normal Autopsy Kidney Tissue. Inga Peters, Bernhard Vaske, Knut Albrecht, Markus A. Kuczyk, Udo Jonas, and Jürgen Serth 2526

Review

Obesity and Risk of Colorectal Cancer: A Meta-analysis of 31 Studies with 70,000 Events. Alireza Ansary Moghaddam, Mark Woodward, and Rachel Huxley 2533

Research Articles

Menopausal Hormone Therapy and Risk of Epithelial Ovarian Cancer. Mary Anne Rossing, Kara L. Cushing-Haugen, Kristine G. Wicklund, Jennifer A. Doherty, and Noel S. Weiss 2548

Association Between Single-Nucleotide Polymorphisms in Hormone Metabolism and DNA Repair Genes and Epithelial Ovarian Cancer: Results from Two Australian Studies and an Additional Validation Set. Jonathan Beesley, Susan J. Jordan, Amanda B. Spurdle, Honglin Song, Susan J. Ramus, Suzanne Kruger Kjaer, Estrid Hogdall, Richard A. DiCioccio, Valerie McGuire, Alice S. Whittemore, Simon A. Gayther, Paul D.P. Pharoah, Penelope M. Webb, Georgia Chenevix-Trench, Australian Ovarian Cancer Study Group, Australian Cancer Study (Ovarian Cancer), and Australian Breast Cancer Family Study 2557

Vitamin D Receptor Gene Polymorphisms and Epithelial Ovarian Cancer Risk. Galina Lurie, Lynne R. Wilkens, Pamela J. Thompson, Katharine E. McDuffie, Michael E. Carney, Keith Y. Terada, and Marc T. Goodman 2566

Six-Month Follow-up of Patient-Rated Outcomes in a Randomized Controlled Trial of Exercise Training during Breast Cancer Chemotherapy. Kerry S. Courneya, Roanne J. Segal, Karen Gelmon, Robert D. Reid, John R. Mackey, Christine M. Friedenreich, Caroline Proulx, Kirstin Lane, Aliya B. Ladha, Jeffrey K. Vallance, Qi Liu, Yutaka Yasui, and Donald C. McKenzie 2572


Association between Breast Density and Subsequent Breast Cancer Following Treatment for Ductal Carcinoma In situ. E. Shelley Hwang, Diana L. Miglioretti, Rachel Ballard-Barbash, Donald L. Weaver, and Karla Kerlikowske, for the National Cancer Institute Breast Cancer Surveillance Consortium 2587

Results of a Randomized Trial to Increase Mammogram Usage among Samoan Women. Shiraz I. Mishra, Roshan Bastani, Catherine M. Crespi, L. Cindy Chang, Pat H. Luce, and Claudia R. Baquet 2594


Dairy Products, Calcium Intake, and Risk of Prostate Cancer in the Prostate, Lung, Colorectal, and Ovarian Cancer Screening Trial. Jiyoungh Ahn, Demetris Albanes, Ulrike Peters, Arthur Schatzkin, Unhee Lim, Michal Freedman, Nilanjana Chatterjee, Gerald L. Andriole, Michael F. Leitzmann, and Richard B. Hayes, for the Prostate, Lung, Colorectal, and Ovarian Trial Project Team .................................................. 2623

Serum Pepsinogen Levels, Helicobacter pylori CagA Status, and Cytokine Gene Polymorphisms Associated with Gastric Premalignant Lesions in Costa Rica. Sergio A. Con, Reinaldo Con-Wong, Gil R. Con-Chin, Vicky G. Con-Chin, Hiroaki Takeuchi, Ana L. Valerín, Guillermo Echandi, Fernando Mena, Fernando Brenes, Nobufumi Yasuda, Keijiro Araki, and Tetsuro Sugihara ................................................ 2631

Decreasing Trend of Esophageal Adenocarcinoma in Hong Kong. Yuk Kei Yee, TK Cheung, Annie On On Chan, MF Yuen, and Benjamin C.Y. Wong ................................................................. 2637


Leukocyte Telomere Length Predicts Cancer Risk in Barrett's Esophagus. Rosa Ana Risques, Thomas L. Vaughan, Xiaohong Li, Robert D. Odze, Patricia L. Blount, Kamran Ayub, Jasmine L. Gallaher, Brian J. Reid, and Peter S. Rabinovitch ........................................................................................................ 2649

Distinctive Heavy Metal Composition of Pancreatic Juice in Patients with Pancreatic Carcinoma. Patricia E. Carrigan, Joseph G. Hentz, Gwyneth Gordon, Jennifer L. Morgan, Massimo Raimondo, Ariel D. Anbar, and Laurence J. Miller ...................................................................... 2656


Cytokinesis-Block Micronucleus Cytome Assays for the Determination of Genotoxicity and Cytotoxicity of Cecal Water in Rats and Fecal Water in Humans. Bianca Benassi, Richard LeLeu, Tony Bird, Peter Clifton, and Michael Fenech .......................................................... 2676

Adduction of Human p53 Gene by Fecal Water: An In vitro Biomarker of Mutagenesis in the Human Large Bowel. Hazel L. Greetham, Sheila A. Bingham, and Philip A. Burns ................................................................. 2681


Leptin Concentrations, Leptin Receptor Polymorphisms, and Colorectal Adenoma Risk. Victoria M. Chia, Polly A. Newcomb, Johanna W. Lampe, Emily White, Margaret T. Mandelson, Anne McTiernan, and John D. Potter ................................................................. 2697


MDM2 Promoter Polymorphism SNP309 Contributes to Tumor Susceptibility: Evidence from 21 Case-Control Studies. Zhibin Hu, Guangfu Jin, Lu Wang, Feng Chen, Xinru Wang, and Hongbing Shen ........................................................................... 2717


Secondhand Smoke Exposure in Public Places in Guatemala: Comparison with other Latin American Countries. Joaquin Barnoya, Carlos Mendoza-Montano, and Ana Navas-Acien ................................................................. 2730

Cytokine Genes and Pain Severity in Lung Cancer: Exploring the Influence of TNF-α-308 G/A IL6-174G/C and IL8-251T/A. Cielito C. Reyes-Gibby, Margaret Spitz, Xifeng Wu, Kelly Merriman, Carol Etzel, Eduardo Bruera, Razelle Kurzrock, and Sanjay Shete .......................................................... 2745

Short Communications


Joint Effects of Dietary Trace Metals and DNA Repair Capacity in Lung Cancer Risk. Somdat Mahabir, Michele R. Forman, Stephanie L. Barerra, Yong Q. Dong, Margaret R. Spitz, and Qingyi Wei .......................................................... 2756

Predictors of Enrollment into a Familial Cancer Registry by Individuals at High Risk for BRCA1/2. Kristi D. Graves, Lisa M. Moss, Camille L. Jasper, Tiffani A. DeMarco, Beth N. Peshkin, Claudine Isaacs, and Marc D. Schwartz .......................................................... 2763

Activated Checkpoint Kinase 2 Expression and Risk for Oral Squamous Cell Carcinoma. Angela J. Yoon, Jing Shen, Regina M. Santella, David J. Zegarelli, Rongzhen Chen, and I.B. Weinstein .......................................................... 2768


Null Results in Brief

Associations of Serum Carotenoid Levels with Serum Insulin-like Growth Factor-I and Insulin-like Growth Factor Binding Protein-3 Levels in Black Men and White Men. Young L. Kim, David R. Jacobs, Jr., Myron D. Gross, Raymond C. Bergan, Peter H. Gann, Kiang Liu, and Susan M. Gapstur .......................................................... 2781


Nutrients Involved in One-Carbon Metabolism and Risk of Breast Cancer among Premenopausal Women. Eunyoung Cho, Michelle Holmes, Susan E. Hankinson, and Walter C. Willett .......................................................... 2787


Letters to the Editor

Effect of Soy Protein on Testosterone Levels. .......................................................... 2795

Correction .......................................................... 2797

Acknowledgment to Reviewers .......................................................... 2798

Information for Authors .......................................................... i–iv