Editorials

Note from the Editor-in-Chief 845
Frederick P. Li


Environmental Selenium and Cancer: Risk or Protection? 847
Larry C. Clark and Elizabeth T. Jacobs

False Presumptions and Continued Surprises: How Much Do We Really Know about Nutritional Supplements and Cancer Risk? 849
Alan R. Kristal and Gaile Moe

Reply 851
Marco Vinceti, Kenneth J. Rothman, Margherita Bergomi, Nazzarena Borciani, Luigi Serra, and Gianfranco Vivoli

Research Articles

Excess Melanoma Incidence in a Cohort Exposed to High Levels of Environmental Selenium 853
Marco Vinceti, Kenneth J. Rothman, Margherita Bergomi, Nazzarena Borciani, Luigi Serra, and Gianfranco Vivoli

Reproducibility of Reported Measurements of Sun Exposure in a Case-Control Study 857
Dallas R. English, Bruce K. Armstrong, and Anne Kncker

Familial Risks in in Situ Cancers from the Family-Cancer Database 865
Kari Hemminki and Pauli Vaittinen

Association between Coronary Heart Disease and Cancers of the Breast, Prostate, and Colon 869

Glutathione S-Transferase μ1 and N-Acetyltransferase 2 Genetic Polymorphisms and Exposure to Tobacco Smoke in Nonsmoking and Smoking Lung Cancer Patients and Population Controls 875
Fredrik Nyberg, Sai-Mei Hou, Kari Hemminki, Bo Lambert, and Göran Pershagen

Reliability of Serum Measurements of Lignans and Isoflavonoid Phytoestrogens over a Two-Year Period 885
Anne Zeleniuch-Jacquotte, Herman Adlercreutz, Arslan Akhmedkhanov, and Paolo Toniolo

Mechanisms by which Vegetable Consumption Reduces Genetic Damage in Humans 891
Beatrice L. Pool-Zobel, Achim Bub, Ute M. Liegibel, Silvia Treptow-van Lishaut, and Gerhard Rechkemmer

Hypomethylation in Cervical Tissue: Is There a Correlation with Folate Status? 901
Brenda M. Fowler, Anna R. Giuliano, Chandrika Piyathilake, Magdy Nour, and Kenneth Hatch

Phase I Chemoprevention Study of Piroxicam and α-Difluoromethylornithine 907

Continued on Next Page
Continued

Do Sex Hormones Play a Role in the Etiology of Esophageal Adenocarcinoma? A New Hypothesis Tested in a Population-based Cohort of Prostate Cancer Patients
Jesper Lagergren and Olof Nyren

DNA Damage in Mononuclear Leukocytes of Farmers Measured Using the Alkaline Comet Assay: Discussion of Critical Parameters and Evaluation of Seasonal Variations in Relation to Pesticide Exposure

DNA Damage in Mononuclear Leukocytes of Farmers Measured Using the Alkaline Comet Assay: Modifications of DNA Damage Levels after a One-Day Field Spraying Period with Selected Pesticides

CYP17 Genotype and Breast Cancer Risk
Ainsley Weston, Ching-fei Pan, Ira J. Bleiweiss, H. Barbara Ksieski, Noah Roy, Nell Maloney, and Mary S. Wolff

Short Communication

Association between CYP17 Polymorphisms and the Development of Breast Cancer
Kathy J. Helzlsouer, Han-Yao Huang, Paul T. Strickland, Sandra Hoffman, Anthony J. Alberg, George W. Comstock, and Douglas A. Bell

Review

Breast and Cervical Cancer Screening Interventions: An Assessment of the Literature
Helen I. Meissner, Nancy Breen, Cathy Coyne, Julie M. Legler, Donald T. Green, and Brenda K. Edwards

AACR Bulletin Board
ASPO Bulletin Board
Instructions for Authors

Call for Abstracts for 1999 AACR Annual Meeting
See pp. 1–33 in back of issue
Abstract Deadline: Nov. 6, 1998