

March 1998  
Volume Seven  
Number Three  
Pages 181-268  
ISSN 1055-9965

Cancer Epidemiology
Biomarkers
& Prevention



An Official Journal of the  
American Association for Cancer Research  
Cosponsored by the  
American Society of Preventive Oncology

## Research Articles

- Environmental Organochlorine Exposure and Postmenopausal Breast Cancer Risk** 181  
Kirsten B. Moysich, Christine B. Ambrosone, John E. Vena, Peter G. Shields, Pauline Mendola, Paul Kostyniak, Hebe Greizerstein, Saxon Graham, James R. Marshall, Enrique F. Schisterman, and Jo L. Freudenheim
- Alcohol Consumption and Total Estradiol in Premenopausal Women** 189  
Paola Muti, Maurizio Trevisan, Andrea Micheli, Vittorio Krogh, Gianfranco Bolelli, Raffaella Sciajno, Holger J. Schünemann, and Franco Berrino
- Carcinoembryonic Antigen in Breast Nipple Aspirate Fluid** 195  
Lenka Foretova, Judy E. Garber, Norman L. Sadowsky, Sigita J. Verselis, Donna M. Joseph, Anna F. F. Andrade, Peter G. Gudrais, Diane Fairclough, and Frederick P. Li
- High Levels of Dipyrimidine Dimers Are Induced in Human Skin by Solar-simulating UV Radiation** 199  
Vladimir J. Bykov, Christer T. Jansen, and Kari Hemminki
- The Use of Spectrophotometry to Estimate Melanin Density in Caucasians** 203  
Terence Dwyer, H. Konrad Muller, Leigh Blizzard, Rosie Ashbolt, and Geoffrey Phillips
- Factors Associated with Atypical Nevi: A Population-based Study** 207  
Linda Titus-Ernstoff, Eva Månsson-Brahme, Magnus Thörn, Jonathan Yuen, Bradley Dain, Jiao Ding, John Baron, and Hans-Olov Adami
- Effect of Supplementation with  $\beta$ -Carotene and Vitamin A on Lung Nutrient Levels** 211  
Carrie A. Redlich, William S. Blaner, Ariëtte M. Van Bennekum, Joyce S. Chung, Sarah L. Clever, Carole T. Holm, and Mark R. Cullen
- Genetic Polymorphism of *CYP2D6* and Lung Cancer Risk** 215  
Gail L. Shaw, Roni T. Falk, James N. Frame, Barbara Weiffenbach, Jonathan C. Nesbitt, Harvey I. Pass, Neil E. Caporaso, Donald T. Moir, and Margaret A. Tucker
- A Prospective Cohort Study of Intake of Calcium, Vitamin D, and Other Micronutrients in Relation to Incidence of Rectal Cancer among Postmenopausal Women** 221  
Wei Zheng, Kristin E. Anderson, Lawrence H. Kushi, Thomas A. Sellers, Jessica Greenstein, Ching-Ping Hong, James R. Cerhan, Roberd M. Bostick, and Aaron R. Folsom
- Recent Use of Hormone Replacement Therapy and the Prevalence of Colorectal Adenomas** 227  
Miao-Jung Chen, Matthew P. Longnecker, Hal Morgenstern, Eric R. Lee, Harold D. Frankl, and Robert W. Haile
- Analysis of Histopathological Features of Endometrioid Uterine Carcinomas and Epidemiologic Risk Factors** 231  
Susan R. Sturgeon, Mark E. Sherman, Robert J. Kurman, Michael L. Berman, Rodrique Mortel, Leo B. Twiggs, Rolland J. Barrett, George D. Wilbanks, and Louise A. Brinton
- Risk Factors for High-Grade Cervical Intraepithelial Neoplasia in Patients with Mild Cytological Dyskaryosis: Human Papillomavirus Testing versus Multivariate Tree Analysis of Demographic Data** 237  
Mario Sideri, Laura Spinaci, Francesco Schettino, Maura Mezzetti, Chris Robertson, Noemi Spolti, Raffaella Di Pace, and Piergiorgio Crosignani

*Continued on Next Page*



QS36-3BP-8QEP

Cancer Epidemiology
Biomarkers
& Prevention

*Continued*

## Review

- The Epidemiology of Cancer of the Small Bowel** 243  
Alfred I. Neugut, Judith S. Jacobson, Sung Suh, Raja Mukherjee, and Nadir Arber

## Short Communications

- The Role of the Serotonin Transporter Gene in Cigarette Smoking** 253  
Caryn Lerman, Peter G. Shields, Janet Audrain, David Main, Brian Cobb, Neal R. Boyd, and Neil Caporaso
- A Metabolite of the Tobacco-specific Lung Carcinogen 4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanone in the Urine of Hospital Workers Exposed to Environmental Tobacco Smoke** 257  
William D. Parsons, Steven G. Carmella, Shobha Akerkar, Leo E. Bonilla, and Stephen S. Hecht
- Agreement of Endoscopic Findings and Serum Pepsinogen Levels as an Indicator of Atrophic Gastritis** 261  
Manami Inoue, Seibi Kobayashi, Akira Matsuura, Nobuyuki Hamajima, Kazuo Tajima, and Suketami Tominaga

## Letter to the Editor

- Correspondence re: R. Kim *et al.*, Etiology of Barrett's Metaplasia and Esophageal Adenocarcinoma. *Cancer Epidemiol., Biomark. Prev.*, 6: 369-377, 1997** 265  
Gareth Morgan

AACR Bulletin Board 267

ASPO Bulletin Board 268

Instructions for Authors *i*

## 1998 AACR Annual Meeting

March 28-April 1, 1998  
New Orleans, LA

For complete information about the meeting, visit the AACR Website at

<http://www.aacr.org>

# Cancer Epidemiology, Biomarkers & Prevention

7 (3)

*Cancer Epidemiol Biomarkers Prev* 1998;7:181-265.

**Updated version** Access the most recent version of this article at:  
<http://cebp.aacrjournals.org/content/7/3.citation>

**E-mail alerts** [Sign up to receive free email-alerts](#) related to this article or journal.

**Reprints and Subscriptions** To order reprints of this article or to subscribe to the journal, contact the AACR Publications Department at [pubs@aacr.org](mailto:pubs@aacr.org).

**Permissions** To request permission to re-use all or part of this article, use this link  
<http://cebp.aacrjournals.org/content/7/3.citation>.  
Click on "Request Permissions" which will take you to the Copyright Clearance Center's (CCC) Rightslink site.