



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

Cancer Epidemiology & Prevention Biomarkers

October/November 1995
Volume Four
Number Seven
Pages 691-806
ISSN 1055-9965

Research Articles

- Genetic and Cellular Changes in Colorectal Cancer: Proposed Targets of Chemopreventive Agents** 691
Peter Greenwald, Gary J. Kelloff, Charles W. Boone, and Sharon S. McDonald
- Aspirin and Other Nonsteroidal Anti-inflammatory Drugs and Risk of Colorectal Adenomatous Polyps among Endoscoped Individuals** 703
María Elena Martínez, R. Sue McPherson, Bernard Levin, and J. Fred Annegers
- Red Cell and Plasma Folate, Folate Consumption, and the Risk of Colorectal Adenomatous Polyps** 709
C. L. Bird, M. E. Swendseid, J. S. Witte, J. M. Shikany, I. F. Hunt, H. D. Frankl, E. R. Lee, M. P. Longnecker, and R. W. Haile
- Comparison of Rectal Mucosal Proliferation Measured by Proliferating Cell Nuclear Antigen (PCNA) Immunohistochemistry and Whole Crypt Dissection** 715
Sharon C. Murray, Robert S. Sandler, Temitope O. Keku, Cynthia M. Lyles, Robert C. Millikan, Shrikant I. Bangdiwala, Lawrence L. Kupper, Wuhan Jiang, and Martin H. Ulshen
- Lifetime Alcohol Consumption and Breast Cancer Risk among Postmenopausal Women in Los Angeles** 721
Matthew P. Longnecker, Annlia Paganini-Hill, and Ronald K. Ross
- Plasma Lipids, Lipoproteins, and Mammographic Densities** 727
Norman F. Boyd, Philip Connelly, Jeff Byng, Martin Yaffe, Harold Draper, Laurie Little, Doreen Jones, Lisa J. Martin, Gina Lockwood, and David Tritchler
- Serum Androgens and Sex Hormone-binding Globulins in Relation to Lifestyle Factors in Older African-American, White, and Asian Men in the United States and Canada** 735
Anna H. Wu, Alice S. Whittemore, Laurence N. Kolonel, Esther M. John, Richard P. Gallagher, Dee W. West, Jean Hankin, Chong Z. Teh, Darlene M. Dreon, and Ralph S. Paffenbarger, Jr.
- Genetic Susceptibility to Lung Cancer as Determined by Lymphocytic Chromosome Analysis** 743
Bhavana J. Dave, Vicki L. Hopwood, Terri M. King, Hong Ziang, Margaret R. Spitz, and Sen Pathak
- Cigarette Smoking, Intracellular Vitamin Deficiency, and Occurrence of Micronuclei in Epithelial Cells of the Buccal Mucosa** 751
C. J. Piyathilake, M. Macaluso, R. J. Hine, D. W. Vinter, E. W. Richards, and C. L. Krumdieck
- Deletion of Genetic Material from a Poly(ADP-Ribose) Polymerase-like Gene on Chromosome 13 Occurs Frequently in Patients with Monoclonal Gammopathies** 759
Jin Cao, Charlie H. Hong, Lee Rosen, Robert A. Vescio, Mark Smulson, Alan K. Lichtenstein, and James R. Berenson
- Mutations in the Tumor Suppressor Gene *p53* in Human Liver Cancer Induced by α -Particles** 765
Michael Andersson, Marzieh Jönsson, Lise Lotte Nielsen, Mogens Vyberg, Jakob Visfeldt, Hans H. Storm, and Håkan Wallin
- Altered Aromatic Amine Metabolism in Epileptic Patients Treated with Phenobarbital** 771
Håkan Wallin, Paul L. Skipper, Steven R. Tannenbaum, John P. A. Jensen, Lars Rylander, and Jørgen H. Olsen

Continued on Next Page

This One



RD8A-UA6-C2A9

Cancer Epidemiology
Biomarkers
& Prevention

Continued

Dosing Time with Ascorbic Acid and Nitrate, Gum and Tobacco Chewing, Fasting, and Other Factors Affecting <i>N</i>-Nitrosoproline Formation in Healthy Subjects Taking Proline with a Standard Meal	775
Sidney S. Mirvish, Ann C. Grandjean, Kristen J. Reimers, Barbara J. Connelly, Sheng-Chong Chen, Julie Gallagher, Samuel Rosinsky, Guo Nie, Harold Tuatoo, Sally Payne, Connie Hinman, and Elizabeth I. Ruby	
Community Clinical Oncology Program Participation in the Breast Cancer Prevention Trial: Factors Affecting Accrual	783
Carrie Klabunde, Arnold Kaluzny, and Leslie Ford	

Short Communications

p53 and K-ras in Radon-associated Lung Adenocarcinoma	791
Josh W. McDonald, Jack A. Taylor, Mary A. Watson, Geno Saccomanno, and Theodora R. Devereux	
Fecal Diacylglycerol Concentrations and Calcium Supplementation	795
Evren Atillasoy, Bennett Fein, I. Bernard Weinstein, and Peter R. Holt	
Rapid Rise and Subsequent Decline in Prostate Cancer Incidence Rates for New Mexico, 1989–1993	797
Frank D. Gilliland, Daniel J. Welsh, Richard M. Hoffman, and Charles R. Key	
Effect of β-Carotene Supplementation on Serum α-Tocopherol Concentration	801
Elizabeth T. H. Fontham, Gray T. Malcom, Vishwa N. Singh, Bernardo Ruiz, Beth Schmidt, and Pelayo Correa	

AACR Bulletin Board 805

ASPO Bulletin Board 806

Instructions for Authors *i*

Cancer Epidemiology Biomarkers & Prevention

Continued

- Dosing Time with Ascorbic Acid and Nitrate, Gum and Tobacco Chewing, Fasting, and Other Factors Affecting *N*-Nitrosoproline Formation in Healthy Subjects Taking Proline with a Standard Meal** 775
Sidney S. Mirvish, Ann C. Grandjean, Kristen J. Reimers, Barbara J. Connelly, Sheng-Chong Chen, Julie Gallagher, Samuel Rosinsky, Guo Nie, Harold Tuatoo, Sally Payne, Connie Hinman, and Elizabeth I. Ruby
- Community Clinical Oncology Program Participation in the Breast Cancer Prevention Trial: Factors Affecting Accrual** 783
Carrie Klabunde, Arnold Kaluzny, and Leslie Ford

Scientific Communications

- p53 and K-ras in Radon-associated Lung Adenocarcinoma** 791
Josh W. McDonald, Jack A. Taylor, Mary A. Watson, Geno Saccomanno, and Theodora R. Devereux
- Fecal Diacylglycerol Concentrations and Calcium Supplementation** 795
Evren Atillasoy, Bennett Fein, I. Bernard Weinstein, and Peter R. Holt
- Rapid Rise and Subsequent Decline in Prostate Cancer Incidence Rates for New Mexico, 1989–1993** 797
Frank D. Gilliland, Daniel J. Welsh, Richard M. Hoffman, and Charles R. Key
- Effect of β -Carotene Supplementation on Serum α -Tocopherol Concentration** 801
Elizabeth T. H. Fontham, Gray T. Malcom, Vishwa N. Singh, Bernardo Ruiz, Beth Schmidt, and Pelayo Correa

AACR Bulletin Board 805

ASPC Bulletin Board 806

Instructions for Authors *i*

Cancer Epidemiology & Prevention

Biomarkers

October-November 1995
Volume Four
Number Seven
Pages 691-806
ISSN 1055-9965



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

Research Articles

- Genetic and Cellular Changes in Colorectal Cancer: Proposed Targets of Chemopreventive Agents** 691
Peter Greenwald, Gary J. Kelloff, Charles W. Boone, and Sharon S. McDonald
- Aspirin and Other Nonsteroidal Anti-inflammatory Drugs and Risk of Colorectal Adenomatous Polyps among Endoscoped Individuals** 703
María Elena Martínez, R. Sue McPherson, Bernard Levin, and J. Fred Annegers
- Red Cell and Plasma Folate, Folate Consumption, and the Risk of Colorectal Adenomatous Polyps** 709
C. L. Bird, M. E. Swendseid, J. S. Witte, J. M. Shikany, I. F. Hunt, H. D. Frankl, E. R. Lee, M. P. Longnecker, and R. W. Haile
- Comparison of Rectal Mucosal Proliferation Measured by Proliferating Cell Nuclear Antigen (PCNA) Immunohistochemistry and Whole Crypt Dissection** 715
Sharon C. Murray, Robert S. Sandler, Temitope O. Keku, Cynthia M. Lyles, Robert C. Millikan, Shrikant I. Bangdiwala, Lawrence L. Kupper, Wuhan Jiang, and Martin H. Ulshen
- Lifetime Alcohol Consumption and Breast Cancer Risk among Postmenopausal Women in Los Angeles** 721
Matthew P. Longnecker, Annlia Paganini-Hill, and Ronald K. Ross
- Plasma Lipids, Lipoproteins, and Mammographic Densities** 727
Norman F. Boyd, Philip Connelly, Jeff Byng, Martin Yaffe, Harold Draper, Laurie Little, Doreen Jones, Lisa J. Martin, Gina Lockwood, and David Tritchler
- Serum Androgens and Sex Hormone-binding Globulins in Relation to Lifestyle Factors in Older African-American, White, and Asian Men in the United States and Canada** 735
Anna H. Wu, Alice S. Whittemore, Laurence N. Kolonel, Esther M. John, Richard P. Gallagher, Dee W. West, Jean Hankin, Chong Z. Teh, Darlene M. Dreon, and Ralph S. Paffenbarger, Jr.
- Genetic Susceptibility to Lung Cancer as Determined by Lymphocytic Chromosome Analysis** 743
Bhavana J. Dave, Vicki L. Hopwood, Terri M. King, Hong Ziang, Margaret R. Spitz, and Sen Pathak
- Cigarette Smoking, Intracellular Vitamin Deficiency, and Occurrence of Micronuclei in Epithelial Cells of the Buccal Mucosa** 751
C. J. Piyathilake, M. Macaluso, R. J. Hine, D. W. Vinter, E. W. Richards, and C. L. Kruidieck
- Deletion of Genetic Material from a Poly(ADP-Ribose) Polymerase-like Gene on Chromosome 13 Occurs Frequently in Patients with Monoclonal Gammopathies** 759
Jin Cao, Charlie H. Hong, Lee Rosen, Robert A. Vescio, Mark Smulson, Alan K. Lichtenstein, and James R. Berenson
- Mutations in the Tumor Suppressor Gene *p53* in Human Liver Cancer Induced by α -Particles** 765
Michael Andersson, Marzieh Jönsson, Lise Lotte Nielsen, Mogens Vyberg, Jakob Visfeldt, Hans H. Storm, and Hakan Wallin
- Altered Aromatic Amine Metabolism in Epileptic Patients Treated with Phenobarbital** 771
Hakan Wallin, Paul L. Skipper, Steven R. Tannenbaum, John P. A. Jensen, Lars Rylander, and Jørgen H. Olsen

Continued on Inside Back Cover

Cancer Epidemiology, Biomarkers & Prevention

4 (7)

Cancer Epidemiol Biomarkers Prev 1995;4:691-803.

Updated version Access the most recent version of this article at:
<http://cebp.aacrjournals.org/content/4/7.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.

Permissions To request permission to re-use all or part of this article, use this link
<http://cebp.aacrjournals.org/content/4/7.citation>.
Click on "Request Permissions" which will take you to the Copyright Clearance Center's (CCC) Rightslink site.