

Editorial

- Complementing the Genome with an "Exposome": The Outstanding Challenge of Environmental Exposure Measurement in Molecular Epidemiology. Christopher Paul Wild 1847

Special Section—Gastric Cancer and *Helicobacter pylori*: Where To Next?

- Introduction: What Should We Do Now about *H. pylori*? E. Robert Greenberg, David S. Alberts, and John D. Potter 1851
- The Biology of *Helicobacter pylori* Infection, a Major Risk Factor for Gastric Adenocarcinoma. Delia Pinto-Santini and Nina R. Salama 1853
- Helicobacter pylori* and Gastric Cancer: What can be Learned by Studying the Response of Gastric Epithelial Cells to the Infection? Anne Mueller, Stanley Falkow, and Manuel R. Amieva 1859
- Etiology of Gastric Cancer: What Is New? Pelayo Correa and Barbara G. Schneider 1865
- Role of Cytokine Polymorphisms in the Risk of Distal Gastric Cancer Development. Guillermo I. Perez Perez, Elvira Garza-Gonzalez, Cynthia Portal, and Asalia Z. Olivares 1869
- Trends in *Helicobacter pylori* Infection and Gastric Cancer in Mexico. Javier Torres, Lizbeth Lopez, Eduardo Lazcano, Margarita Camorlinga, Lourdes Flores, and Onofre Muñoz 1874
- Host-Environment Interactions: Their Impact on Progression from Gastric Inflammation to Carcinogenesis and on Development of New Approaches to Prevent and Treat Gastric Cancer. Ming-Shiang Wu, Chien-Jen Chen, and Jaw-Town Lin 1878
- The Development of Therapeutic and Preventive Vaccines for Gastric Cancer and *Helicobacter pylori*. Stephen Y. Chui, Timothy M. Clay, H. Kim Lyerly, and Michael A. Morse 1883
- Vaccination as a Method of Preventing *Helicobacter pylori*-Associated Gastric Cancer. Sundeep Arora and Steven J. Czinn 1890
- Tobacco Use and Stomach Cancer in Mizoram, India. Rup Kumar Phukan, Eric Zomawia, Kanwar Narain, Nakul Chandra Hazarika, and Jagadish Mahanta 1892

Hypothesis/Commentary

- Statins and Cancer Development. Robin E. Duncan, Ahmed El-Sohemy, and Michael C. Archer 1897

Reviews

- Design Options for Molecular Epidemiology Research within Cohort Studies. Andrew G. Rundle, Paolo Vineis, and Habibul Ahsan 1899
- Allergies and the Risk of Pancreatic Cancer: A Meta-analysis with Review of Epidemiology and Biological Mechanisms. Sara Gandini, Albert B. Lowenfels, Elizabeth M. Jaffee, Todd D. Armstrong, and Patrick Maisonneuve 1908

Research Articles

- Further Enhanced Monitoring of Cancer Patient Survival by Stage-Adjusted Period Analysis.** Hermann Brenner and Volker Arndt 1917
- Increased Risk of Cancer among Siblings of Long-term Childhood Cancer Survivors: A Report from the Childhood Cancer Survivor Study.** Debra L. Friedman, Nina S. Kadan-Lottick, John Whitton, Ann C. Mertens, Yutaka Yasui, Yan Liu, Anna T. Meadows, Leslie L. Robison, and Louise C. Strong 1922
- Ethnic Difference in Daycare Attendance, Early Infections, and Risk of Childhood Acute Lymphoblastic Leukemia.** Xiaomei Ma, Patricia A. Buffler, Joseph L. Wiemels, Steve Selvin, Catherine Metayer, Mignon Loh, Monique B. Does, and John K. Wiencke 1928
- Maternal Diet and Acute Lymphoblastic Leukemia in Young Children.** Eleni Petridou, Evangelos Ntouvelis, Nick Dessimopoulos, Agapios Terzidis, Dimitrios Trichopoulos, and the Childhood Hematology-Oncology Group 1935
- Season, Sun, Sex, and Cervical Cancer.** William J.M. Hrushesky, Robert B. Sothern, Wop J. Rietveld, Jovelyn Du Quiton, and Mathilde E. Boon 1940
- Correlation of Human Papillomavirus Type 16 and Human Papillomavirus Type 18 E7 Messenger RNA Levels with Degree of Cervical Dysplasia.** Michael E. Scheurer, Guillermo Tortolero-Luna, Martial Guillaud, Michele Follen, Zhuo Chen, Laura M. Dillon, and Karen Adler-Storthz 1948
- A Phase I Study of Indole-3-Carbinol in Women: Tolerability and Effects.** Gregory A. Reed, Kirstin S. Peterson, Holly J. Smith, John C. Gray, Debra K. Sullivan, Matthew S. Mayo, James A. Crowell, and Aryeh Hurwitz 1953
- Expression of Nucleotide Excision Repair Proteins in Lymphocytes as a Marker of Susceptibility to Squamous Cell Carcinomas of the Head and Neck.** Qingyi Wei, Li-E Wang, Erich M. Sturgis, and Li Mao 1961
- Alcohol, ALDH2, and Esophageal Cancer: A Meta-analysis Which Illustrates the Potentials and Limitations of a Mendelian Randomization Approach.** Sarah J. Lewis and George Davey Smith 1967
- Carbonyl Reductase Expression and Its Clinical Significance in Non-Small-Cell Lung Cancer.** Kazumasa Takenaka, Eiji Ogawa, Hiroki Oyanagi, Hiromi Wada, and Fumihiro Tanaka 1972
- Social and Behavioral Correlates of Cigarette Smoking among Mid-Atlantic Latino Primary Care Patients.** Lisa Sanderson Cox, Shabao Feng, Janet Cañar, Maureen McGlinchey Ford, and Kenneth P. Tercyak 1976
- The 1944-1945 Dutch Famine and Subsequent Overall Cancer Incidence.** Sjoerd G. Elias, Petra H.M. Peeters, Diederick E. Grobbee, and Paulus A.H. van Noord 1981
- Significant Difference in the Trends of Female Breast Cancer Incidence Between Taiwanese and Caucasian Americans: Implications from Age-Period-Cohort Analysis.** Ying-Chun Shen, Chee-Jen Chang, Chiun Hsu, Chia-Chi Cheng, Chang-Fang Chiu, and Ann-Lii Cheng 1986
- Plasma 25-Hydroxyvitamin D and 1,25-Dihydroxyvitamin D and Risk of Breast Cancer.** Elizabeth R. Bertone-Johnson, Wendy Y. Chen, Michael F. Holick, Bruce W. Hollis, Graham A. Colditz, Walter C. Willett, and Susan E. Hankinson 1991
- Estrogen Metabolism-Related Genes and Breast Cancer Risk: The Multiethnic Cohort Study.** Loïc Le Marchand, Timothy Donlon, Laurence N. Kolonel, Brian E. Henderson, and Lynne R. Wilkens 1998
- Folate Intake and Risk of Breast Cancer Characterized by Hormone Receptor Status.** Shumin M. Zhang, Susan E. Hankinson, David J. Hunter, Edward L. Giovannucci, Graham A. Colditz, and Walter C. Willett 2004
- Body Mass and Mortality After Breast Cancer Diagnosis.** Maura K. Whiteman, Susan D. Hillis, Kathryn M. Curtis, Jill A. McDonald, Phyllis A. Wingo, and Polly A. Marchbanks 2009
- Etiologic and Other Factors Predicting Nevus-Associated Cutaneous Malignant Melanoma.** Mark P. Purdue, Lynn From, Bruce K. Armstrong, Anne Kricker, Richard P. Gallagher, John R. McLaughlin, Neil S. Klar, Loraine D. Marrett, for the Genes, Environment, and Melanoma Study Group 2015
- 5, 10-Methylenetetrahydrofolate Reductase 677 and 1298 Polymorphisms, Folate Intake, and Microsatellite Instability in Colon Cancer.** Allison M. Eaton, Robert Sandler, John M. Carethers, Robert C. Millikan, Joseph Galanko, and Temitope O. Keku 2023
- Dietary Benzo[a]Pyrene Intake and Risk of Colorectal Adenoma.** Rashmi Sinha, Martin Kulldorff, Marc J. Gunter, Paul Strickland, and Nathaniel Rothman 2030

Identifying Susceptibility Genes for Prostate Cancer—A Family-Based Association Study of Polymorphisms in <i>CYP17</i>, <i>CYP19</i>, <i>CYP11A1</i>, and <i>LH-β</i>. Julie A. Douglas, Kimberly A. Zuhlke, Jennifer Beebe-Dimmer, Albert M. Levin, Stephen B. Gruber, David P. Wood, and Kathleen A. Cooney2035
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No Association between Fatty Acid Intake and Adenomatous Polyp Recurrence in the Polyp Prevention Trial. Marie M. Cantwell, Michele R. Forman, Paul S. Albert, Kirk Snyder, Arthur Schatzkin, Elaine Lanza, and The Polyp Prevention Trial Study Group2059
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