

Perspectives

- High-Grade Prostate Cancer and the Prostate Cancer Prevention Trial.** Christopher J. Logothetis and Paul F. Schellhammer151
- Targeting Transcription Factors for Cancer Prevention—the Case of Nrf2.** Nancy H. Colburn and Thomas W. Kensler153
- Deregulated EGFR Signaling during Lung Cancer Progression: Mutations, Amplicons, and Autocrine Loops.** Adi F. Gazdar and John D. Minna156

Commentary

- The Untapped Potential of Genetically Engineered Mouse Models in Chemoprevention Research: Opportunities and Challenges.** Cory Abate-Shen, Powel H. Brown, Nancy H. Colburn, Eugene W. Gerner, Jeffery E. Green, Martin Lipkin, William G. Nelson and David Threadgill.....161

Research Articles

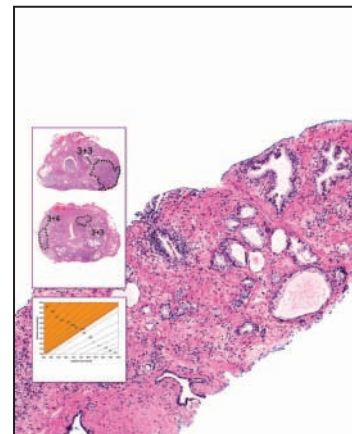
- Pathologic Characteristics of Cancers Detected in the Prostate Cancer Prevention Trial: Implications for Prostate Cancer Detection and Chemoprevention.** M. Scott Lucia, Amy K. Darke, Phyllis J. Goodman, Francisco G. La Rosa, Howard L. Parnes, Leslie G. Ford, Charles A. Coltman, Jr. and Ian M. Thompson167
- Finasteride Does Not Increase the Risk of High-Grade Prostate Cancer: A Bias-Adjusted Modeling Approach.** Mary W. Redman, Catherine M. Tangen, Phyllis J. Goodman, M. Scott Lucia, Charles A. Coltman, Jr. and Ian M. Thompson174
- Estimating Rates of True High-Grade Disease in the Prostate Cancer Prevention Trial.** Paul Pinsky, Howard Parnes and Leslie Ford182
- Increased Susceptibility of Nrf2 Knockout Mice to Colitis-Associated Colorectal Cancer.** Tin Oo Khor, Mou-Tuan Huang, Auemduan Prawan, Yue Liu, Xingpei Hao, Siwang Yu, William Ka Lung Cheung, Jefferson Y. Chan, Bandaru S. Reddy, Chung S. Yang and Ah-Ng Kong187
- Epidermal Growth Factor Receptor Abnormalities in the Pathogenesis and Progression of Lung Adenocarcinomas.** Ximing Tang, Marileila Varella-Garcia, Ana Carolina Xavier, Erminia Massarelli, Natalie Ozburn, Cesar Moran and Ignacio I. Wistuba.....192
- Intratumoral Epiregulin Is a Marker of Advanced Disease in Non-Small Cell Lung Cancer Patients and Confers Invasive Properties on EGFR-Mutant Cells.** Jie Zhang, Kentaro Iwanaga, Kuicheon C. Choi, Marie Wislez, Maria Gabriela Raso, Wei Wei, Ignacio I. Wistuba and Jonathan M. Kurie201
- Combination Chemoprevention of HER2/neu-Induced Breast Cancer Using a Cyclooxygenase-2 Inhibitor and a Retinoid X Receptor-Selective Retinoid.** Powel H. Brown, Kotha Subbaramaiah, Amoi P. Salmon, Rebecca Baker, Robert A. Newman, Peiyang Yang, Xi Kathy Zhou, Reid P. Bissonnette, Andrew J. Dannenberg and Louise R. Howe208

Letters to the Editor

- Comment re: "Sporadic Aberrant Crypt Foci Are Not a Surrogate Endpoint for Colorectal Adenoma Prevention" and "Aberrant Crypt Foci in the Adenoma Prevention with Celecoxib Trial".** Richard G. Stevens, Theresa P. Pretlow, D. Paul Hurlstone and Charles Giardina215
- Comment re: "Sporadic Aberrant Crypt Foci Are Not a Surrogate Endpoint for Colorectal Adenoma Prevention" and "Aberrant Crypt Foci in the Adenoma Prevention with Celecoxib Trial".** Peter Lance and Stanley R. Hamilton.....216
- Comment re: "Sporadic Aberrant Crypt Foci Are Not a Surrogate Endpoint for Colorectal Adenoma Prevention" and "Aberrant Crypt Foci in the Adenoma Prevention with Celecoxib Trial".** Ann G. Zauber and Monica M. Bertagnolli for the APC Trial Investigators216
-

About the Cover

The cover images of H&E prostate tissue sections illustrate the potential variance between definitive prostatectomy scoring and nondefinitive biopsy scoring of prostate cancer in the Prostate Cancer Prevention Trial (PCPT). The two prostatectomy tissue sections (from the same patient) showed clinically "significant" cancer (Gleason score 7 [3+4], plus two foci at 6 [3+3]), whereas the corresponding diagnostic needle biopsy suggested clinically "insignificant" cancer of Gleason score 6 (3+3). Specimens came from a PCPT participant with a PSA of 2.1 ng/ml and stage T1c prostate cancer. See article by Lucia *et al.* on page 167 for more information (featured in *The New York Times* on June 15, 2008). Graphic design courtesy of Lisa Litzenberger. Also shown is a graph (lower left inset) illustrating the relative risk of high-grade disease with finasteride in the PCPT under various values of biopsy sensitivity for detecting cancer and incorporating PCPT prostatectomy data to account for the greater grading accuracy of biopsy with finasteride. In the orange-shaded region, all values of finasteride and placebo biopsy sensitivity reduce the risk of high-grade cancer; in the unshaded region, the 95% confidence intervals around the relative risk estimates include 1. The bold blue line represents the estimated reduction in high-grade risk given equal biopsy sensitivities for placebo and finasteride. See article by Redman *et al.* on page 174 for more information (featured in *The New York Times* on June 15, 2008).



Cancer Prevention Research

1 (3)

Cancer Prev Res 2008;1:151-216.

Updated version Access the most recent version of this article at:
<http://cancerpreventionresearch.aacrjournals.org/content/1/3>

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://cancerpreventionresearch.aacrjournals.org/content/1/3>. Click on "Request Permissions" which will take you to the Copyright Clearance Center's (CCC) Rightslink site.