Commentary

**Foodstuffs for Preventing Cancer: The Preclinical and Clinical Development of Berries.**
Gary D. Stoner ................................................................. 187

Perspectives

**Prostaglandin Inhibition and Cardiovascular Risk: Maybe Timing Really Is Everything.**
Monica M. Bertagnolli, Ann G. Zauber and Scott Solomon ......................................................... 195

**Vitamin D, Calcium, and Colorectal Neoplasia: New Insights on Mechanisms of Action.**
Elizabeth T. Jacobs, Peter W. Jurutka, Maria Elena Martinez and David S. Alberts ......................... 197

Review

**Bioactive Food Components, Inflammatory Targets, and Cancer Prevention.** Young S. Kim,
Matthew R. Young, Gerd Bobe, Nancy H. Colburn and John A. Milner ........................................... 200

Brief Communication

**Risk of Cardiovascular Events in a Randomized Placebo-Controlled, Double-Blind Trial of Difluoromethylornithine plus Sulindac for the Prevention of Sporadic Colorectal Adenomas.**
Jason A. Zell, Daniel Pelot, Wen-Pin Chen, Christine E. McLaren, Eugene W. Gerner,
and Frank L. Meyskens .......................................................... 209

Research Articles

**Effects of Vitamin D and Calcium Supplementation on Markers of Apoptosis in Normal Colon Mucosa: A Randomized, Double-Blind, Placebo-Controlled Clinical Trial.**
Veronika Fedirko, Robert M. Bostick, W. Dana Flanders, Qi Long, Aasma Shaukat,
Robin E. Rutherford, Carrie R. Daniel, Vaunita Cohen and Chiranjeev Dash ................ ............................. 213

**Comprehensive Proteome Analysis of an Apc Mouse Model Uncovers Proteins Associated with Intestinal Tumorigenesis.** Kenneth E. Hung, Vitó Faca, Kenneth Song, David A. Sarracino,
Larissa Georgeon Richard, Bryan Krastins, Sara Forrester, Andrew Porter, Alexandra Kunin,
Umar Mahmood, Brian R. Haab, Samir M. Hanash and Raju Kucherlapati ........................................ 224

**Psoralidin, an Herbal Molecule, Inhibits Phosphatidylinositol 3-Kinase–Mediated Akt Signaling in Androgen-Independent Prostate Cancer Cells.** Raj Kumar,
Sowmyalakshmi Srinivasan, Srinivas Koduru, Pallab Pahari, Jürgen Rohr, Natasha Kyprianou,
and Chendil Damodaran .......................................................... 234

**Race, Genetic West African Ancestry, and Prostate Cancer Prediction by Prostate-Specific Antigen in Prospectively Screened High-Risk Men.** Veda N. Giri, Brian Egleston, Karen Ruth,
Robert G. Uzzo, David Y.T. Chen, Mark Buyyounouski, Susan Raysor, Stanley Hooker,
Jada Benn Torres, Teniel Ramike, Kathleen Mastalski, Taylor Y. Kim and Rick Kittles .................. 244

**Toxic and Chemopreventive Ligands Preferentially Activate Distinct Aryl Hydrocarbon Receptor Pathways: Implications for Cancer Prevention.** Steven T. Okino, Deepa Pookot,
Shashwati Basak and Rajvir Dahiya ................................................. 251

**Normal Breast Tissue Implanted into Athymic Nude Mice Identifies Biomarkers of the Effects of Human Pregnancy Levels of Estrogen.** Rognvald N. Blance, Andrew H. Sims,
Elizabeth Anderson, Anthony Howell and Robert B. Clarke ................................................................. 257
About the Cover
The cover displays a near-infrared photographic image produced by a small-animal fluorescence imaging system (Olympus, Tokyo, Japan) of cathepsin expression marked by Prosense in the small bowel of a mouse. Cathepsins are cysteine proteases and have been implicated in cancer pathogenesis. Prosense is a non-fluorescent macromolecule that is activated and becomes fluorescent through cleavage by cathepsins. Activated Prosense shows up in the adenoma (where false-colored red and orange reflect areas of greater near-infrared signal intensity) but not in the surrounding normal mucosa (where false-colored violet and blue reflect areas of less signal). Therefore, cathepsin activity occurred selectively in the adenoma site. Increased expression of cathepsins B and D also occurred in the plasma of adenoma-bearing mice and in mouse adenoma tissue assessed immunohistochemically. See article by Hung et al. (beginning on page 224) for more information.
Cancer Prevention Research

2 (3)


Updated version
Access the most recent version of this article at:
http://cancerpreventionresearch.aacrjournals.org/content/2/3

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, contact the AACR Publications Department at permissions@aacr.org.