

COMMENTARY

- 639** It Is Time to Regulate Carcinogenic Tobacco-Specific Nitrosamines in Cigarette Tobacco
Stephen S. Hecht

PERSPECTIVES

- 648** Laboratory to Community: Chemoprevention Is the Answer
Kenneth Olden and Suryanarayana V. Vulimiri
See related article, p. 658
- 653** Of Mice, Rats, and Men: Could Nrf2 Activation Protect against Aflatoxin Hepatocarcinogenesis in Humans?
David L. Eaton and Christopher M. Schaupp
See related article, p. 658

RESEARCH ARTICLES

- 658** Complete Protection against Aflatoxin B₁-Induced Liver Cancer with a Triterpenoid: DNA Adduct Dosimetry, Molecular Signature, and Genotoxicity Threshold
Natalie M. Johnson, Patricia A. Egner, Victoria K. Baxter, Michael B. Sporn, Ryan S. Wible, Thomas R. Sutter, John D. Groopman, Thomas W. Kensler, and Bill D. Roebuck
See related articles, p. 648 and p. 653
- 666**  A Phase Ib Study of the Effects of Black Raspberries on Rectal Polyps in Patients with Familial Adenomatous Polyposis
Li-Shu Wang, Carol A. Burke, Henrietta Hasson, Chieh-Ti Kuo, Christine L. Sardo Molmenti, Claire Seguin, Pengyuan Liu, Tim H.-M. Huang, Wendy L. Frankel, and Gary D. Stoner
- 675** Alcohol Consumption Promotes Diethylnitrosamine-Induced Hepatocarcinogenesis in Male Mice through Activation of the Wnt/ β -Catenin Signaling Pathway
Kelly E. Mercer, Leah Hennings, Neha Sharma, Keith Lai, Mario A. Cleves, Rebecca A. Wynne, Thomas M. Badger, and Martin J.J. Ronis

- 686** Evaluation of Clinical Criteria for the Identification of Lynch Syndrome among Unselected Patients with Endometrial Cancer
Amanda S. Bruegl, Bojana Djordjevic, Brittany Batte, Molly Daniels, Bryan Fellman, Diana Urbauer, Rajyalakshmi Luthra, Charlotte Sun, Karen H. Lu, and Russell R. Broaddus

- 698** The PARP Inhibitors, Veliparib and Olaparib, Are Effective Chemopreventive Agents for Delaying Mammary Tumor Development in BRCA1-deficient Mice
Ciric To, Eun-Hee Kim, Darlene B. Royce, Charlotte R. Williams, Ryan M. Collins, Renee Risingsong, Michael B. Sporn, and Karen T. Liby

- 708** Chemoprevention of Urothelial Cell Carcinoma Growth and Invasion by the Dual COX-LOX Inhibitor Licofelone in UPII-SV40T Transgenic Mice
Venkateshwar Madka, Altaf Mohammed, Qian Li, Yuting Zhang, Jagan M.R. Patlolla, Laura Biddick, Stan Lightfoot, Xue-Ru Wu, Vernon Steele, Levy Kopelovich, and Chinthalapally V. Rao

- 717** Validation of Methylation Biomarkers that Distinguish Normal Colon Mucosa of Cancer Patients from Normal Colon Mucosa of Patients without Cancer
Matteo Cesaroni, Jasmine Powell, and Carmen Sapienza

- 727** The Acetylenic Tricyclic Bis(cyano enone), TBE-31 Inhibits Non-Small Cell Lung Cancer Cell Migration through Direct Binding with Actin
Eddie Chan, Akira Saito, Tadashi Honda, and Gianni M. Di Guglielmo

- 738** Mammary Cancer Chemoprevention by Withaferin A Is Accompanied by *In Vivo* Suppression of Self-Renewal of Cancer Stem Cells
Su-Hyeong Kim and Shivendra V. Singh

- 748** Acyl-Coenzyme A-Binding Protein Regulates Beta-Oxidation Required for Growth and Survival of Non-Small Cell Lung Cancer
Fredrick T. Harris, S.M. Jamsheer Rahman, Mohamed Hassanein, Jun Qian, Megan D. Hoeksema, Heidi Chen, Rosana Eisenberg, Pierre Chaurand, Richard M. Caprioli, Masakazu Shiota, and Pierre P. Massion

Table of Contents

- 758** Urinary PGE-M Levels Are Associated with Risk of Colorectal Adenomas and Chemopreventive Response to Anti-Inflammatory Drugs
Navya Bezawada, Mingyang Song, Kana Wu, Raaj S. Mehta, Ginger L. Milne, Shuji Ogino, Charles S. Fuchs, Edward L. Giovannucci, and Andrew T. Chan

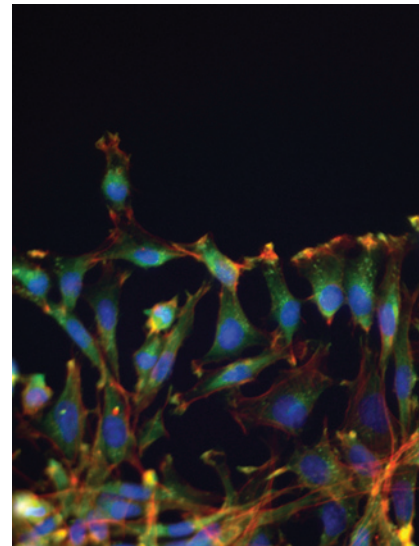
- 766** Prostatic and Dietary Omega-3 Fatty Acids and Prostate Cancer Progression during Active Surveillance
Xavier Moreel, Janie Allaire, Caroline Léger, André Caron, Marie-Ève Labonté, Benoît Lamarche, Pierre Julien, Patrice Desmeules, Bernard Têtu, and Vincent Fradet

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ABOUT THE COVER

The migratory potential of cells depends on the reorganization of the cell cytoskeleton. In this study, the effects of the acetylenic tricyclic bis-(cyano enone), TBE-31, on actin polymerization and cell migration of normal and tumor cells were investigated. The cover micrograph shows immunofluorescence staining of polarized Rat2 fibroblasts. Confluent monolayers of cells were scratched and incubated at 37°C for six hours to allow them to polarize. The cells were then fixed, permeabilized, and immunostained with anti-Arp3 antibodies (to visualize actin-related protein 3; green), AlexaFluor 555 phalloidin (to visualize filamentous actin; red), and DAPI (to visualize nuclei; blue). Note that the Arp3 and polymerized branched actin co-localize at the leading edge of migrating cells (yellow stain). See the article by Chan and colleagues (beginning on page 727) for more information.



Cancer Prevention Research

7 (7)

Cancer Prev Res 2014;7:639-776.

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