

PERSPECTIVES

1505 **Linking Epidemiology to Epigenomics—Where Are We Today?**
Cornelia M. Ulrich and William M. Grady
See article p. 1552

1509 **Viewing the Epigenetics of Colorectal Cancer through the Window of Folic Acid Effects**
Manon van Engeland and James G. Herman
See article p. 1552

MINIREVIEW

1513 **Cyclin E Transgenic Mice: Discovery Tools for Lung Cancer Biology, Therapy, and Prevention**
Sarah J. Freemantle and Ethan Dmitrovsky

COMMENTARY

1519 **Chitin or Chitin-Like Glycans as Targets for Late-Term Cancer Chemoprevention**
Lee W. Wattenberg, Steven Patterson, and Jennifer D. Antonides

1523 **Transition of a Clinical Trial into Translational Research: The Prostate Cancer Prevention Trial Experience**
Phyllis J. Goodman, Catherine M. Tangen, Alan Kristal, Ian M. Thompson, M. Scott Lucia, Elizabeth A. Platz, William D. Figg, Ashraful Hoque, Ann Hsing, Marian L. Neuhouser, Howard Parnes, Juergen K.V. Reichardt, Regina M. Santella, Cathee Till, and Scott M. Lippman

RESEARCH ARTICLES

1534 **A Mouse Model for Human Anal Cancer**
Marie K. Stelzer, Henry C. Pitot, Amy Liem, Johannes Schweizer, Charles Mahoney, and Paul F. Lambert

1542 **Rapamycin Inhibits Anal Carcinogenesis in 2 Preclinical Animal Models**
Marie K. Stelzer, Henry C. Pitot, Amy Liem, Denis Lee, Gregory D. Kennedy, and Paul F. Lambert

1552 **Association between Folate Levels and CpG Island Hypermethylation in Normal Colorectal Mucosa**
Kristin Wallace, Maria V. Grau, A. Joan Levine, Lanlan Shen, Randala Hamdan, Xinli Chen, Jiang Gui, Robert W. Haile, Elizabeth L. Barry, Dennis Ahnen, Gail McKeown-Eyssen, John A. Baron, and Jean Pierre J. Issa
See perspectives p. 1505 and p. 1509

1565 **A Pilot, First-in-Human, Pharmacokinetic Study of 9cUAB30 in Healthy Volunteers**
Jill M. Kolesar, Ryan Hoel, Marcia Pomplun, Tom Havighurst, Jeanne Stublaski, Barbara Wollmer, Helen Krontiras, Wayne Brouillette, Donald Muccio, KyungMann Kim, Clinton J. Grubbs, and Howard E. Bailey

1571 **A Panel of Sputum-Based Genomic Marker for Early Detection of Lung Cancer**
Feng Jiang, Nevins W. Todd, Ruiyun Li, Howard Zhang, HongBin Fang, and Sanford A. Stass

1579 **Prevalence of BRCA1 and BRCA2 Mutations in Women with Breast Carcinoma *In Situ* and Referred for Genetic Testing**
Michael J. Hall, Julia E. Reid, and Richard J. Wenstrup

1586 **Curcumin Inhibits Carcinogen and Nicotine-Induced Mammalian Target of Rapamycin Pathway Activation in Head and Neck Squamous Cell Carcinoma**
Cheryl A. Clark, Matthew D. McEachern, Shivang H. Shah, Youhua Rong, Xiaohua Rong, Christopher L. Smelley, Gloria C. Caldito, Fleurette W. Abreo, and C.O. Nathan

1596 **A Vitamin D Receptor-Alkylating Derivative of 1 α ,25-Dihydroxyvitamin D₃ Inhibits Growth of Human Kidney Cancer Cells and Suppresses Tumor Growth**

James R. Lambert, Vikram J. Eddy, Christian D. Young, Kelly S. Persons, Sibaji Sarkar, Julie A. Kelly, Elizabeth Genova, M. Scott Lucia, Douglas V. Faller, and Rahul Ray

1608 **Body Size and Incident Colorectal Cancer: A Prospective Study of Older Women**

Amy S. Oxentenko, Aditya Bardia, Robert A. Vierkant, Alice H. Wang, Kristin E. Anderson, Peter T. Campbell, Thomas A. Sellers, Aaron R. Folsom, James R. Cerhan, and Paul J. Limburg

1621 **Proanthocyanidins Inhibit Photocarcinogenesis through Enhancement of DNA Repair and Xeroderma Pigmentosum Group A-Dependent Mechanism**

Mudit Vaid, Som D. Sharma, and Santosh K. Katiyar

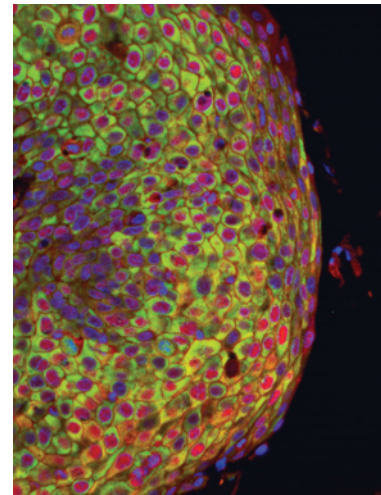
MEETING REPORT

1630 **Update on Cancer Prevention Research in the United States and China: The 2009 China-U.S. Forum on Frontiers of Cancer Research**
Ann M. Bode, Ya Cao, and Zigang Dong

1638 **Acknowledgment to Reviewers**

ABOUT THE COVER

The cover features a three-color, fluorescence image of a human papillomavirus 16 (HPV16) positive human anal cancer stained with antibodies to p16 (red), a biomarker for HPV-positive cancers, and phosphorylated S6 (green), a marker for activated mammalian target of rapamycin (mTOR) pathway. Nuclei were counterstained with 4',6-diamidino-2-phenylindole (DAPI, blue). The individual color images (200X magnification) were taken using a Zeiss Apotome Fluorescent microscope and merged. This image relates to two articles by Stelzer et al. in this issue of the journal (beginning on page 1534 and page 1542) that describe mouse models for human anal cancer and their use in testing the activity of rapamycin.



Cancer Prevention Research

3 (12)

Cancer Prev Res 2010;3:1505-1639.

Updated version Access the most recent version of this article at:
<http://cancerpreventionresearch.aacrjournals.org/content/3/12>

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/3/12>. Click on "Request Permissions" which will take you to the Copyright Clearance Center's (CCC) Rightslink site.