### Perspectives

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### Commentary

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### Research Articles

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<td>A Mouse Model for Human Anal Cancer</td>
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**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

**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 McKeeown-Eyssen, John A. Baron, and Jean Pierre J. Issa

**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 Kronpras, Wayne Brouillette, Donald Muccio, Kyung-Mann Kim, Clinton J. Grubbs, and Howard E. Bailey

**A Panel of Sputum-Based Genomic Marker for Early Detection of Lung Cancer**
Feng Jiang, Nevin W. Todd, Ruisun Li, Howard Zhang, Hongbin Fang, and Sanford A. Stass

**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

**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. Smalley, Gloria C. Caltone, Fleurette W. Abreo, and C.O. Nathan
A Vitamin D Receptor-Alkylating Derivative of 1α,25-Dihydroxyvitamin D₃ Inhibits Growth of Human Kidney Cancer Cells and Suppresses Tumor Growth

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

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
Ann M. Bode, Ya Cao, and Zigang Dong

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

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