### COMMENTARY

**Does Vitamin E Prevent or Promote Cancer?**
Chung S. Yang, Nanjoo Suh, and Ah-Ng Tony Kong

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### RESEARCH ARTICLES

**Programmable Bio-Nano-Chip Systems for Serum CA125 Quantification: Toward Ovarian Cancer Diagnostics at the Point-of-Care**

**Aerosolized 3-Bromopyruvate Inhibits Lung Tumorigenesis without Causing Liver Toxicity**
Qi Zhang, Jing Pan, Paula E. North, Shoua Yang, Ronald A. Lubet, Yuan Wang, and Ming You

**The Synthetic Triterpenoid CDDO-Methyl Ester Delays Estrogen Carcinogenesis in Polyoma Middle T Mice**
Kim Tran, Renee Risingsong, Darlene Royce, Charlotte R. Williams, Michael B. Sporn, and Karen Liby

**Clinical Profiles Predict Early Nonadherence to Adjuvant Endocrine Treatment in a Prospective Breast Cancer Cohort**
Andrea Markkula, Maria Hietala, Maria Henningson, Christian Ingvar, Carsten Rose, and Helena Jernström

**Prevalence of Cervical Human Papillomavirus (HPV) Infection in Vanuatu**
Bernadette Aruhuri, Len Tarivonda, Vanessa Tenet, Rohit Sinha, Peter J.F. Snijders, Gary Clifford, James Pang, Margaret McAdam, Chris J.L.M. Meijer, Ian H. Frazer, and Silvia Franceschi

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### LETTERS TO THE EDITOR

**Dietary Omega-6 and Omega-3 Fatty Acids and Prostate Cancer – Letter**
Maria Azrad and Wendy Demark-Wahnefried

**Dietary Omega-6 and Omega-3 Fatty Acids and Prostate Cancer – Response**
Colette Galet and William J. Aronson

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**The Chemopreventive Effect of Mifepristone on Mammary Tumorigenesis Is Associated with an Anti-invasive and Anti-inflammatory Gene Signature**
Hongyan Yuan, Geeta Upadhyay, Jin Lu, Levy Kopelowich, and Robert I. Glazer

**Allelic Transcripts Dosage Effect in Morphologically Normal Ovarian Cells from Heterozygous Carriers of a BRCA1/2 French Canadian Founder Mutation**
Dhala Abd-Rabbo, Christine Abaji, Guillaume B. Cardin, Abdelali Filali-Mouhim, Caroline Arous, Lise Portelance, Enrique Escobar, Sophie Cloutier, Patricia N. Tonin, Diane M. Provencher, Anne-Marie Mes-Masson, and Christine M. Maugard

**Cryptotanshinone Activates p38/JNK and Inhibits Erk1/2 Leading to Caspase-Independent Cell Death in Tumor Cells**
Wenxing Chen, Lei Liu, Yan Luo, Yoshinobu Odaka, Sanket Awate, Hongyu Zhou, Tao Shen, Shizhong Zheng, Yin Lu, and Shile Huang

**Caffeic Acid Phenethyl Ester Suppresses the Proliferation of Human Prostate Cancer Cells through Inhibition of p70S6K and Akt Signaling Networks**
Chih-Pin Chuu, Hui-Ping Lin, Mark F. Ciaccio, John M. Kokontis, Ronald J. Hause Jr, Richard A. Hiipakka, Shutsung Liao, and Richard Baker Jones
ABOUT THE COVER

The synthetic triterpenoid 2-cyano-3,12-dioxooleana-1,9(11)-dien-28-oic acid (CDDO)-methyl ester (Me) inhibits estrogen receptor-negative mammary carcinogenesis in polyoma middle T (PyMT) mice and inhibits the infiltration of tumor-associated macrophages (TAM) to the mammary glands and tumors of these mice. Beginning at 4 weeks of age, female PyMT mice were fed powdered control diet or CDDO-Me diet (50 mg/kg); the mice were sacrificed at 12 weeks of age. The micropictogram featured on the cover (400× magnification) shows TAM infiltration detected by F4/80 staining (brown) in PyMT mouse mammary glands; quantification of this infiltration found it to be significantly reduced with the CDDO-Me diet (versus control) in 12-week-old mice. Tumor cells in the mouse mammary glands stained blue. See article by Tran et al. (beginning on page 726) for more information.