COMMENTARY

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

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, Yian 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 Jernstrom

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

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
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.