### COMMENTARY

**507**

**Urinary PGE-M: A Promising Cancer Biomarker**

Dingzhi Wang and Raymond N. DuBois  
*See article, p. 511 and Cancer Prev Res 6(5):428–36*

### RESEARCH ARTICLES

**511**

**Association between Urinary Prostaglandin E2 Metabolite and Breast Cancer Risk: A Prospective, Case–Cohort Study of Postmenopausal Women**

Sangmi Kim, Jack A. Taylor, Ginger L. Milne, and Dale P. Sandler  
*See commentary, p. 507*

**519**

**Indole-3-Carbinol and 3',3'-Diindolylmethane Modulate Androgen's Effect on C-C Chemokine Ligand 2 and Monocyte Attraction to Prostate Cancer Cells**

Eun-Kyung Kim, Young S. Kim, John A. Milner, and Thomas T.Y. Wang

**530**

**Chemoprevention of Lung Squamous Cell Carcinoma by Ginseng**

Jing Pan, Qi Zhang,Kezhen Li, Qian Liu, Yian Wang, and Ming You

**540**

**Combination of Intermittent Calorie Restriction and Eicosapentaenoic Acid for Inhibition of Mammary Tumors**

Nancy K. Mizuno, Olga P. Rogozina, Christine M. Seppanen, D. Joshua Liao, Margot P. Cleary, and Michael E. Grossmann

**548**

**The Interactions of Dietary Tomato Powder and Soy Germ on Prostate Carcinogenesis in the TRAMP Model**

Krysstle E. Zuniga, Steven K. Clinton, and John W. Erdman, Jr

**558**

**Relationships between Serum and Colon Concentrations of Carotenoids and Fatty Acids in Randomized Dietary Intervention Trial**

Ananda Sen, Jianwei Ren, Mack T. Ruffin, Danielle K. Tungeon, Dean E. Brenner, Elkhansa Sidahmed, Mary E. Rapai, Maria L. Cornellier, and Zora Djuric

### LETTERS TO THE EDITOR

**614**

**Predicting Progression of Oral Dysplasia—Letter**

Carolina Cavalieri Gomes, Thiago Fonseca-Silva, and Ricardo Santiago Gomez

**616**

**Predicting Progression of Oral Dysplasia—Response**

Miriam P. Rosin, Lewei Zhang, and Li Mao

**566**

**Sedentary Behavior, Physical Activity, and Likelihood of Breast Cancer among Black and White Women: A Report from the Southern Community Cohort Study**

Sarah S. Cohen, Charles E. Matthews, Patrick T. Bradshaw, Loren Lipworth, Maciej S. Buchowski, Lisa B. Signorello, and William J. Blot

**577**

**Human Breast Tissue Disposition and Bioactivity of Limonene in Women with Early-Stage Breast Cancer**

Jessica A. Miller, Julie E. Lang, Michele Ley, Ray Nagle, Chiu-Hsieh Hsu, Patricia A. Thompson, Catherine Cordova, Amy Waer, and H-H. Sherry Chow

**585**

**Vitamin D Receptor and Retinoid X Receptorα Status and Vitamin D Insufficiency in Models of Murine Colitis**

Rebecca W. Knackstedt, Vondina R. Moseley, Shaoli Sun, and Michael J. Wargovich

**594**

**Prediction of Recurrence and Survival in Hepatocellular Carcinoma Based on Two Cox Models Mainly Determined by FoxP3+ Regulatory T Cells**


**603**

**Licochalcone E Present in Licoconoppresses Lung Metastasis in the 4T1 Mammary Orthotopic Cancer Model**

Soo Jin Kwon, So Young Park, Gyo Taik Kwon, Ki Won Lee, Young-Hee Kang, Myung-Sook Cho, Jong Won Yun, Jae-Ho Jeon, Jong Gab Jun, and Jung Han Yoon Park
ABOUT THE COVER

Hepatocellular carcinoma (HCC) is an aggressive disease with poor prognosis and limited methods to predict patient survival. Chemotaxis of regulatory T (Treg) immune cells into tumors and their activation are known to impact clinical outcome. As well, the prevalence (number or proportion) of FoxP3+ Treg cells in tumors has been found to be negatively associated with patient prognosis. Here, the prognostic significance of immune infiltration within the tumor microenvironment was investigated using patient samples from two independent cohorts. Shown is a stylized version of an unsupervised hierarchical clustering of 23 cytokine (blue) and chemokine (red) gene expression levels using real-time PCR. The expression of CXCL16 and CCL20 correlated with the number of FoxP3+ cells are likely to attract Treg cells into HCC tumors, suggesting that the proportion of Treg cells in tumor microenvironment is the most important immune predictor of tumor recurrence and survival in patients with HCC. See article by Lin and colleagues (beginning on page 594) for more information.