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1169 PPARγ Agonists Target Aromatase Via Both PGE2 and BRCA1 Ofer Margalit, Dingzhi Wang, and Raymond N. DuBois
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1195 The Combination of Tamoxifen and the Rexinoid LG100268 Prevents ER-Positive and ER-Negative Mammary Tumors in p53-Null Mammary Gland Mice Abhijit Mazumdar, Daniel Medina, Francis S. Kittrell, Yun Zhang, Jamal L. Hill, David E. Edwards, Reid P. Bissonnette, and Powel H. Brown

1203 Aberrant Methylation of RASGRF1 Is Associated with an Epigenetic Field Defect and Increased Risk of Gastric Cancer Hiroyuki Takamatu, Eiichiro Yamamoto, Hiromu Suzuki, Masanori Nojima, Reo Maruyama, Hiro-o Yamano, Kenjiro Yoshikawa, Tomoaki Kimura, Taku Harada, Masami Ashida, Ryo Suzuki, Hiroyuki Yamamoto, Masahiro Kai, Takashi Tokino, Tamotsu Sugai, Kohzoh Imai, Minoru Toyota, and Yasuhisa Shinomura

1213 Intervening to Reduce the Future Burden of Occupational Cancer in Britain: What Could Work? Sally Hutchings, John W. Cheirrie, Martie Van Tongeren, and Lesley Rushton

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1229 Orally Active Vitamin D for Potential Chemoprevention of Posttransplant Malignancy Yoshitsugu Ohi, Naotsugu Ichimura, Takayuki Hamano, Kodo Tomida, Isao Matsui, Naohiko Fujii, Masayoshi Okumi, Jun-ya Kaimori, Koji Yawaza, Yukito Kokado, Yoshiharu Tsubakihara, Norio Nonomura, Hiromi Rakugi, Shiro Takahara, and Yoshihisa Isaka

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1247 A Randomized Clinical Trial of the Effects of Supplemental Calcium and Vitamin D3 on the APC/β-Catenin Pathway in the Normal Mucosa of Colorectal Adenoma Patients Thomas U. Ahearn, Aasma Shaukat, W. Dana Flanders, Robin E. Rutherford, and Robert M. Bostick
ABOUT THE COVER

Obesity, an established risk factor for epithelial cancers, remains prevalent in the U.S. and many other countries. Calorie restriction has been shown to act as a universal inhibitor of tumorigenesis in multiple animal models of human cancer. The effect of dietary energy balance on tumor promotion was evaluated using diet-induced changes in the epidermal proliferative response in mice following TPA treatment. ICR female mice (maintained on four diets [lean, normal, overweight, obese] for 15 weeks) were treated with either acetone or TPA, twice weekly for 2 weeks. The micropictogram featured on the cover (400 × magnification) shows a representative TPA-treated, BrdU-stained (brown) skin section excised from overweight mice. Epidermal hyperplasia (skin thickness) and BrdU incorporation were significantly greater in the overweight and obese groups when compared with the lean and normal groups (P < 0.05, Mann-Whitney U test; not shown), demonstrating that dietary energy balance modulates TPA-induced epidermal hyperproliferation. These diet-induced changes were accompanied by increased levels of cell cycle proteins that favored enhanced epidermal proliferation during tumor promotion. See article by Moore et al. (beginning on page 1236) for more information.