## MINIREVIEW

### 887 Colorectal Cancer and Dysplasia in Inflammatory Bowel Disease: A Review of Disease Epidemiology, Pathophysiology, and Management

Parambir S. Dulai, William J. Sandborn, and Samir Gupta

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## REVIEW

### 895 Targeting Inflammation in Cancer Prevention and Therapy

Jelena Todoric, Laura Antonucci, and Michael Karin

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## RESEARCH ARTICLES

### 906 A Randomized Phase IIb Trial of myo-Inositol in Smokers with Bronchial Dysplasia


### 915 Molecular Triage of Premalignant Lesions in Liquid-Based Cervical Cytology and Circulating Cell-Free DNA from Urine, Using a Panel of Methylated Human Papilloma Virus and Host Genes

Rafael Guerrero-Preston, Blanca L. Valle, Anne Jedlicka, Nitesh Turaga, Oluwasina Folawiyo, Francesca Pirini, Fahcina Lawson, Angelo Vergura, Maartje Noordhuis, Amanda Dziedzic, Gabriela Pérez, Marisa Renahan, Carolina Guerrero-Diaz, Edgar De Jesus Rodriguez, Teresa Díaz-Montes, José Rodríguez Orengo, Keimari Méndez, Josefin Romaguera, Bruce J. Trock, Liliana Florea, and David Sidransky

### 925 Grape Seed Procyanidin Extract Mediates Antineoplastic Effects against Lung Cancer via Modulations of Prostacyclin and 15-HETE Eicosanoid Pathways

Jenny T. Mao, Jane Smoake, Heesung K. Park, Qing-Yi Lu, and Bingye Xue

### 933 Meat, Fish, Poultry, and Egg Intake at Diagnosis and Risk of Prostate Cancer Progression

Kathryn M. Wilson, Lorelei A. Murci, Bettina F. Drake, Mark A. Preston, Meir J. Stampfer, Edward Giovannucci, and Adam S. Kibel

### 942 MicroRNA Signatures of Colonic Polyps on Screening and Histology

Vassiliki L. Tsikitis, Amiee Potter, Motomi Mori, Julie A. Buckmeier, Christina R. Preece, Christina A. Harrington, Angela N. Bartley, Achyut K. Bhattacharyya, Stanley R. Hamilton, M. Peter Lance, and Patricia A. Thompson

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ABOUT THE COVER

This cover micrograph shows the heatmap of probe intensity by histology of colorectal biopsy. The histologic groups of colorectal endoscopy biopsy included normal mucosa (NM), hyperplastic polyps (HP), tubular adenomas (TA), sessile serrated adenoma polypl (SSA/P), traditional serrated adenoma (TSA), and tubulovillous adenoma or villous adenoma with high-grade dysplasia (TVHG). Samples were grouped by histology and malignant potential as: HPNM (lowest), SSA and TA (low), TSA (high), and TVHG (highest). The risk classifications are based on criteria defined by the US Multi-Society Task Force on Colorectal Cancer. This heatmap shows the clustering of miRNA signatures by polyp histology. A total of 99 miRNAs were found to differ significantly across the five prespecified histologic types (i.e., mean signal intensities were significantly different in at least one histology group, FDR $P < 0.05$). See the article by Tsikitis and colleagues (beginning on page 942) for more information.