

# Gastroenterology

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See editorial on page 693.

Implementation of a real-time monitoring program allowed for rapid adjustments of FIT cut-off levels, which subsequently optimized performance.

**776** **Budesonide Oral Suspension Improves Symptomatic, Endoscopic, and Histologic Parameters Compared With Placebo in Patients With Eosinophilic Esophagitis**

WWW

*E. S. Dellon, D. A. Katzka, M. H. Collins, M. Hamdani, S. K. Gupta, and I. Hirano, on behalf of the MP-101-06 Investigators*

12 weeks of oral budesonide suspension treatment significantly improved both esophageal eosinophilia and symptoms of dysphagia in adolescents and adults with active EoE.

**787** **No Difference Between Latiglutenase and Placebo in Reducing Villous Atrophy or Improving Symptoms in Patients With Symptomatic Celiac Disease**

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*J. A. Murray, C. P. Kelly, P. H. R. Green, A. Marcantonio, T.-T. Wu, M. Mäki, and D. C. Adelman, on behalf of the CeliAction Study Group of Investigators*

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**799** **Efficacy of Sterile Fecal Filtrate Transfer for Treating Patients With *Clostridium difficile* Infection**

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*S. J. Ott, G. H. Waetzig, A. Rehman, J. Moltzau-Anderson, R. Bharti, J. A. Grasis, L. Cassidy, A. Tholey, H. Fickenscher, D. Seegert, P. Rosenstiel, and S. Schreiber*

Transfer of sterile filtrates from donor stool, rather than donor stools *per se*, can eliminate *C difficile* infection and restore normal bowel habits.

**812** **Incidence of Hepatocellular Carcinoma in All 50 United States, From 2000 Through 2012**

WWW

COV

*D. L. White, A. P. Thrift, F. Kanwal, J. Davila, and H. B. El-Serag*

The overall incidence rate of HCC in all 50 states slowed from 2010 through 2012; however, incidence is increasing in subgroups stratified by age and race, and in specific geographic areas.

**821** **Proton Pump Inhibitor and Histamine-2 Receptor Antagonist Use and Iron Deficiency**

WWW

*J. R. Lam, J. L. Schneider, C. P. Quesenberry, and D. A. Corley*

Among patients without other risk factors, PPI use for  $\geq 2$  years was associated with an increased risk of iron deficiency.

**830** **Prevalence and Morbidity of Undiagnosed Celiac Disease From a Community-Based Study**

CME

WWW

*R. S. Choung, S. A. Larson, S. Khaleghi, A. Rubio-Tapia, I. G. Ovsyannikova, K. S. King, J. J. Larson, B. D. Lahr, G. A. Poland, M. J. Camilleri, and J. A. Murray*

The prevalence of undiagnosed celiac disease in a community of adults age 18-50 was estimated to be 1%; however, long-term outcomes of these individuals remain undetermined.

## Clinical—Pancreas

**840** **A Clinical Prediction Model to Assess Risk for Pancreatic Cancer Among Patients With New-Onset Diabetes**

WWW

*B. Boursi, B. Finkelman, B. J. Giantonio, K. Haynes, A. K. Rustgi, A. D. Rhim, R. Mamtani, and Y.-X. Yang*

Approximately 50% of all pancreatic ductal adenocarcinoma (PDA) cases are associated with recent-onset diabetes; therefore, this model has the potential to improve prognosis for a substantial proportion of PDA cases.

## Basic and Translational—Alimentary Tract

**851** ***Fusobacterium nucleatum* Increases Proliferation of Colorectal Cancer Cells and Tumor Development in Mice by Activating Toll-Like Receptor 4 Signaling to Nuclear Factor- $\kappa$ B, and Up-regulating Expression of MicroRNA-21**

E

WWW

*Y. Yang, W. Weng, J. Peng, L. Hong, L. Yang, Y. Toyama, R. Gao, M. Liu, M. Yin, C. Pan, H. Li, B. Guo, Q. Zhu, Q. Wei, M.-P. Moyer, P. Wang, S. Cai, A. Goel, H. Qin, and Y. Ma*

**See editorial on page 694.**

New evidence for a pathogenic role of *F nucleatum* in colorectal cancer (CRC) opens new horizons for targeting components of the microbiota as well as host microRNAs for prevention and treatment of this malignancy.

## 867 Inhibitor of Apoptosis Protein-1 Regulates Tumor Necrosis Factor-Mediated Destruction of Intestinal Epithelial Cells

T. Grabinger, K. J. Bode, J. Demgenski, C. Seitz, M. E. Delgado, F. Kostadinova, C. Reinhold, N. Etemadi, S. Wilhelm, M. Schweinlin, K. Hänggi, J. Knop, C. Hauck, H. Walles, J. Silke, H. Wajant, U. Nachbur, W. W. Wei-Lynn, and T. Brunner

clAP1 was found to be required for regulation of TNF-induced intestinal epithelial cell death and survival, which has important implications for the pathogenesis of TNF-mediated enteropathies and chronic inflammatory diseases of the GI tract.

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J.-C. Nault, G. Couchy, C. Balabaud, G. Morcrette, S. Caruso, J.-F. Blanc, Y. Bacq, J. Calderaro, V. Paradis, J. Ramos, J.-Y. Scoazec, V. Gnemmi, N. Sturm, C. Guettier, M. Fabre, E. Savier, L. Chiche, P. Labrune, J. Selves, D. Wendum, C. Pilati, A. Laurent, A. De Muret, B. Le Bail, S. Rebouissou, S. Imbeaud; GENTHEP Investigators, P. Bioulac-Sage, E. Letouze, and J. Zucman-Rossi

This innovative classification system offers the potential to select treatment strategies for patients with HCA in conjunction with risk factors, clinical presentation, and histology.

## 895 Daclatasvir Prevents Hepatitis C Virus Infectivity by Blocking Transfer of the Viral Genome to Assembly Sites

B. Boson, S. Denolly, F. Turlure, C. Chamot, M. Dreux, and F.-L. Cosset

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M. K. Kim

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#### 912 PNPLA3, TM6SF2, and MBOAT7 Genotypes and Coronary Artery Disease

N. Simons, A. Isaacs, G. H. Koek, S. Kuč, N. C. Schaper, and M. C. G. J. Brouwers

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