

# Gastroenterology

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Glucagon-like peptide-1 receptor agonists alone and in combination with other anti-diabetes medications were associated with a reduced risk of hepatocellular carcinoma incidence and hepatic decompensation events in patients with type 2 diabetes.

**Gut Microbiota****704 A Direct Link Implicating Loss of SLC26A6 to Gut Microbial Dysbiosis, Compromised Barrier Integrity, and Inflammation****WWW** *A. N. Anbazhagan, Y. Ge, S. Priyamvada, A. Kumar, D. Jayawardena, A. R. V. Palani, N. Husain, N. Kulkarni, S. Kapoor, P. Kaur, A. Majumder, Y.-D. Lin, L. Maletta, R. K. Gill, W. A. Alrefai, S. Saksena, K. Zadeh, S. Hong, M. Mohamadzadeh, and P. K. Dudeja*

This study demonstrates that deficiency of intestinal oxalate transporter putative anion transporter 1 results in compromised gut-barrier integrity and altered composition of gut microbes/metabolites, leading to enhanced susceptibility to inflammatory bowel diseases.

**Pancreas****718 Resolution of Acinar Dedifferentiation Regulates Tissue Remodeling in Pancreatic Injury and Cancer Initiation****WWW** *J. Baldan, J. Camacho-Roda, M. Ballester, K. Høj, A. Kurilla, H. C. Maurer, S. Arcila-Barrera, X. Lin, Z. Pan, J. L. Castro, A. E. Mayorca-Guiliani, C. V. Rift, J. Hasselby, L. Bouwens, V. Lefebvre, C. J. David, O. Parnas, K. E. DelGiorno, J. T. Erler, I. Rومان, and L. Arnes*

We have revealed the existence of a genetic program that promotes pancreatic healing in the context of pancreatitis, cancer initiation, and after Kras ablation-induced tumor regression.

**Hepatobiliary****733 Gut Microbiota-Derived Butyrate Induces Epigenetic and Metabolic Reprogramming in Myeloid-Derived Suppressor Cells to Alleviate Primary Biliary Cholangitis****WWW** **COV** *R. Wang, B. Li, B. Huang, Y. Li, Q. Liu, Z. Lyu, R. Chen, Q. Qian, X. Liang, X. Pu, Y. Wu, Y. Chen, Q. Miao, Q. Wang, M. Lian, X. Xiao, P. S. C. Leung, M. E. Gershwin, Z. You, X. Ma, and R. Tang*

Gut microbiota-derived butyrate promotes the expansion and immunosuppressive function of myeloid-derived suppressor cells, presenting promising avenues for immune-based therapeutic strategies in primary biliary cholangitis.



- 750** **An Immunocompetent Mongolian Gerbil Model for Hepatitis E Virus Genotype 1 Infection**  
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