Commentaries

631 Epidemiology of gastroparesis: important answers and still more questions
S Dibnahghani, M Camilleri

632 COVID-19 and IBD drugs: should we change anything at the moment?
C W Lee, P M Irving, L Beaugerie

Leading article

635 SARS-CoV-2 vaccination for patients with inflammatory bowel diseases: recommendations from an international consensus meeting
C A Siegel, G Y Almed, D PB McGovern, V Rai, F Kramer, D T Rubin, M T Abreu, M C Dubinsky, on behalf of the International Organization for the Study of Inflammatory Bowel Disease (IOIBD)

Endoscopy news

641 Real-time unblinding for validation of a new CADE tool for colorectal polyp detection
P Sinouquet, T Edebre, C Hassan, G Antonelli, F Filosi, H Neuhaus, I Demedics, P Roebende, F Maes, R Bischoop

Stomach

644 Epidemiology and outcomes of gastroparesis, as documented in general practice records, in the United Kingdom
Y Ye, B Jiang, S Manne, P L Moses, C Almanza, D Bennett, P Dolin, A C Ford

654 Mist1+ gastric islet stem cells are regulated by Wnt5a and expand in response to injury and inflammation in mice
H Nicaise, W Kim, E Malagola, T Ruan, G Valenti, M Middelfott, A Bass, C J Dett, Y Hayakawa, T C Wong

Inflammatory bowel disease

666 Angioinjen maintains gut microbe homeostasis by balancing α-Proteobacteria and Lachnociraceae
D Sun, R Bai, W Zhou, Z Yao, Y Liu, S Tang, X Ge, I Luo, C Luo, G Hu, J Sheng, Z Xu

677 Thiopurine monotherapy is effective in ulcerative colitis but significantly less so in Crohn’s disease: long-term outcomes for 11 928 patients in the UK inflammatory bowel disease biorepository
E Zournaras, W Qin, A Pappas, Y Y Hong, R Shawky, UK IBD BioResource Investigators, T Raine, M Parke

Gut microbiota

687 Location-specific cell identity rather than exposure to GI microbiota defines many innate immune signalling cascades in the gut epithelium
O Kaysio, G Weiss, C Niklas, I Pieroni, M Pompaziak, N Wallaschek, C T Germer, A Wietering, S Bartfeld

698 Gut microbiota composition reflects disease severity and dysfunctional immune responses in patients with COVID-19
Y K Yeoh, T Zuo, G C-Y Lai, F Zhang, Q Liu, A Y Li, A CK Chung, C P Cheung, E YK To, K SC Fung, V Chan, L Ling, G Jyoun, D S-C Hui, K M Chow, S S S Ng, T C-M Li, R WY Ng, T CF Yip, G-L H Wong, F KL Chan, C K Wong, P KS Chan, S C Ng

GI bleeding

707 ABC score: a new risk score that accurately predicts mortality in acute upper and lower gastrointestinal bleeding: an international multicentre study

717 Major GI bleeding in older persons using aspirin: incidence, risk factors and adherence in the ASPREE randomised controlled trial
COVID-19

725 Effect of IBD medications on COVID-19 outcomes: results from an international registry  
R C Ungaro, E J Brenner, R B Geary, G G Kaplan,  
M Kissous-Hunt, J D Lewis, S C Ng,  
J-F Rahier, W Reinisch, F Steinwurz,  
F E Underwood, X Zhang, J-F Colombel,  
M D Kappelman

733 Liver injury is independently associated with adverse clinical outcomes in patients with COVID-19  
T C-F Yip, G C-Y Lui, V W-S Wong, V C-Y Chow,  
T H-Y Ho, T C-M Li, Y-K Tse, D S-C Hui,  
H L-Y Chan, G L-H Wong

Pancreas

743 Synergistic targeting and resistance to PARP inhibition in DNA damage repair-deficient pancreatic cancer  
J Gout, L Perkhofer, M Morawe, F Arnold, M Hede,  
S Biber, S Lange, E Roger, J M Kraus, K Säfer,  
S A Hahn, A Zampieri, T Engleitner, M Müller,  
K Walter, E Rodriguez-Aznar, B Sainz Jr,  
P C Hermann, E Hessmann, S Müller, N Azoitei,  
A Lechel, S Liebau, M Wagner, D M Simeone,  
H A Kestler, T Seufferlein, I Witzmüller, R Rad,  
P-O Frappart, A Kleger

Hepatology

761 Dietary cholesterol drives fatty liver-associated liver cancer by modulating gut microbiota and metabolites  
X Zhang, O O Coker, E SH Chu, K Fu,  
H C H Lau, Y-X Wang, A W H Chan, H Wei,  
X Yang, J J Y Sung, J Yu

775 Role of serum HBV RNA and hepatitis B surface antigen levels in identifying Asian patients with chronic hepatitis B suitable for entecavir cessation  
W-K Seto, K SH Liu, L-Y Mak, G Cloherty,  
D K-H Wong, J Gersch, Y-F Lam, K-S Cheung,  
N Chow, K-L Ko, W-P To, J Fung, M-F Yuen

Recent advances in basic science

784 MicroRNAs as regulators, biomarkers and therapeutic targets in liver diseases  
X Wang, Y He, B Mackowiak, B Gao

Recent advances in clinical practice

796 Emerging treatment options for extraintestinal manifestations in IBD  
T Greuter, F Rieder, T Kucharzik, L Peyrin-Biroulet,  
A M Schoepfer, D T Rubin, S R Vavricka

JournalScan

803 GI highlights from the literature  
P J Smith

PostScript

806 Letters

Editor’s quiz: GI snapshot

640 Dysphagia in a young female patient: it’s not always that simple  
J Carvão, A Peixoto, E Rios, G Macedo

Electronic page

e2 Correction: British Society of Gastroenterology consensus guidelines on the management of inflammatory bowel disease in adults