

Gut

An International Journal of
Gastroenterology and Hepatology

APRIL 2000 VOLUME 46 NUMBER 4

Leading article

443 Is liver fibrosis reversible? *R C Benyon, J P Iredale*

Commentaries

447 The intracellular target of butyrate's actions: HDAC or HDON'T? *P R Gibson*

448 Think cytokines before you drink *S C L Gough*

449 LKM antibody: getting in some target practice *D Vergani*

450 Combination therapy of hepatitis *E Doo, J H Hoofnagle*

Science @lert

452 Uteroglobin deficient mice—a novel animal model for IgA nephropathy? *S Pouria, S J Challacombe*

Stomach

454 The human two domain trefoil protein, TFF2, is glycosylated in vivo in the stomach *F E B May, J I Semple, J L Newton, B R Westley*

460 Atrophic gastritis and *Helicobacter pylori* infection in outpatients referred for gastroscopy *A Oksanen, P Sipponen, R Karttunen, A Miettinen, L Vējola, S Sarna, H Rautelin*

464 Detection of upper gastrointestinal cancer in patients taking antisecretory therapy prior to gastroscopy *M G Bramble, Z Suvakovic, A P S Hungin*

Enteric nerves

468 Influence of sumatriptan on gastric fundus tone and on the perception of gastric distension in man *J Tack, B Coulie, A Wilmer, A Andrioli, J Janssens*

474 The 5-HT₃ receptor antagonist alosetron inhibits the colorectal distention induced depressor response and spinal *c-fos* expression in the anaesthetised rat *C M Kozłowski, A Green, D Grundy, F M Boissonade, C Bountra*

481 *Clostridium difficile* toxin A excites enteric neurones and suppresses sympathetic neurotransmission in the guinea pig *Y Xia, H Z Hu, S Liu, C Pothoulakis, J D Wood*

Inflammation and inflammatory bowel disease

487 Measurement of in vivo rectal mucosal cytokine and eicosanoid production in ulcerative colitis using filter paper *E Carty, M De Brabander, R M Feakins, D S Rampton*

© 493 Butyrate and glucose metabolism by colonocytes in experimental colitis in mice *M S Ahmad, S Krishnan, B S Ramakrishna, M Mathan, A B Pulimood, S N Murthy*

500 A decision analysis of surveillance for colorectal cancer in ulcerative colitis *F Delcò, A Sonnenberg*

Colon

- 507 Butyrate and trichostatin A effects on the proliferation/differentiation of human intestinal epithelial cells: induction of cyclin D3 and p21 expression *S Siavoshian, J-P Segain, M Kornprobst, C Bonnet, C Cherbut, J-P Galmiche, H M Blottière*
- 515 Surface hydrophobicity of the rat colonic mucosa is a defensive barrier against macromolecules and toxins *A Lugea, A Salas, J Casalot, F Guarner, J-R Malagelada*
- 522 Long term efficacy, safety, and tolerability of low daily doses of isosmotic polyethylene glycol electrolyte balanced solution (PMF-100) in the treatment of functional chronic constipation *E Corazziari, D Badiali, G Bazzocchi, G Bassotti, P Roselli, G Mastropaolo, M G Lucà, R Galeazzi, E Peruzzi*

Liver disease

- 527 Sodium handling in patients with well compensated cirrhosis is dependent on the severity of liver disease and portal pressure *R Jalan, P C Hayes*
- 534 Deficiency of natural anticoagulant proteins C, S, and antithrombin in portal vein thrombosis: a secondary phenomenon? *N C Fisher, J T Wilde, J Roper, E Elias*
- 540 Interleukin 10 promoter region polymorphisms and susceptibility to advanced alcoholic liver disease *J Grove, A K Daly, M F Bassendine, E Gilvarry, C P Day*
- 546 Increased availability of central benzodiazepine receptors in patients with chronic hepatic encephalopathy and alcohol related cirrhosis *R Jalan, N Turjanski, S D Taylor-Robinson, M J Koepf, M P Richardson, J A Wilson, J D Bell, D J Brooks*
- 553 Liver/kidney microsomal antibody type 1 targets CYP2D6 on hepatocyte plasma membrane *L Muratori, M Parola, A Ripalti, G Robino, P Muratori, G Bellomo, R Carini, M Lenzi, M P Landini, E Albano, F B Bianchi*
- 562 Lamivudine and alpha interferon combination treatment of patients with chronic hepatitis B infection: a randomised trial *S W Schalm, J Heathcote, J Cianciara, G Farrell, M Sherman, B Willems, A Dhillon, A Moorat, J Barber, D F Gray, International Lamivudine Study Group*

Gallstones

- 569 Gallstone disease in Peruvian coastal natives and highland migrants *P L Moro, W Checkley, R H Gilman, L Cabrera, A G Lescano, J J Bonilla, B Silva*

Case report

- 574 Intramucosal adenocarcinoma arising under squamous re-epithelialisation of Barrett's oesophagus *L Van Laethem, M O Peny, I Salmon, M Cremer, J Devière*

Review

- 578 TIPSS 10 years on *R Jalan, H F Lui, D N Redhead, P C Hayes*

582 **Letters to the editor** **Book review** **Corrections** **Notes**

Cover illustration: Confocal microscope images of plasma membrane staining by liver/kidney microsomal antibody type 1 (LKM1) positive sera in freshly isolated rat hepatocytes, showing permeabilised hepatocytes probed with the serum of a LKM1 positive subject (From the paper by Muratori *et al*, pp 553–61.)