

Gut

An International Journal of
Gastroenterology and Hepatology

APRIL 1998 VOLUME 42 NUMBER 4

Leading article

- 451 From genes to genome biology: a new era in *Helicobacter pylori* research *N Dorrell, B W Wren*
-

Commentaries

- 454 The failing malignant liver *B C Smith, O F W James*
455 Gut epithelium: food processor for the mucosal immune system? *P W Bland*
456 Is the hepatocyte a Trojan horse for hepatitis C virus? *M Berenguer, T L Wright*
458 Pathogenesis of inflammatory bowel disease: transcription factors in the spotlight *M F Neurath*
-


Science alert

- 460 Viral vectors expressing immunoregulatory cytokines to treat inflammatory bowel disease *T T Macdonald*
-

Gastrointestinal bleeding

- 462 A randomised controlled comparison of injection, thermal, and mechanical endoscopic methods of haemostasis on mesenteric vessels *C C Hepworth, S S Kadiramanathan, F Gong, C P Swain*
-

Inflammation and inflammatory bowel disease

- 470 Increased secretion of pro-inflammatory cytokines by circulating polymorphonuclear neutrophils and regulation by interleukin 10 during intestinal inflammation *S Nikolaus, J Bauditz, P Gionchetti, C Witt, H Lochs, S Schreiber*
-  477 Activation of nuclear factor κ B in inflammatory bowel disease *S Schreiber, S Nikolaus, J Hampe*
- 485 Impairment of intestinal glutathione synthesis in patients with inflammatory bowel disease *B Sido, V Hack, A Hochlehnert, H Lipps, C Herfarth, W Dröge*
- 493 Low dose oral pH modified release budesonide for maintenance of steroid induced remission in Crohn's disease *V Gross, T Andus, K W Ecker, A Raedler, K Loeschke, M Plauth, J Rasenack, A Weber, M Gierend, K Ewe, J Schölmerich, and the Budesonide Study Group*
- 497 Controlled trial of antituberculous chemotherapy in Crohn's disease: a five year follow up study *G A O Thomas, G L Swift, J T Green, R G Newcombe, C Braniff-Mathews, J Rhodes, S Wilkinson, G Strohmeyer, G Kreuzpainter*
-

Motility and visceral sensation

- 501 Altered vagal and intestinal mechanosensory function in chronic unexplained dyspepsia *G Holtmann, H Goebell, F Jockenhoevel, N J Talley*
- 507 Effects of botulinum toxin A on the sphincter of Oddi: an in vivo and in vitro study *J Sand, I Nordback, P Arvola, I Pörsti, A Kalloo, P Pasricha*
- 511 Effect of a novel prokinetic drug, R093877, on gastrointestinal transit in healthy volunteers *A V Emmanuel, M A Kamm, A J Roy, K Antonelli*

- 517 Biofeedback provides long term benefit for patients with intractable, slow and normal transit constipation
E Chiotakakou-Faliakou, M A Kamm, A J Roy, J B Storrie, I C Turner

Cell biology

- 522 Expression of cell membrane complement regulatory glycoproteins along the normal and diseased human gastrointestinal tract *A E Berstad, P Brandtzaeg*
- 530 Apoptosis is a major mode of cell death caused by ischaemia and ischaemia/reperfusion injury to the rat intestinal epithelium *H Ikeda, Y Suzuki, M Suzuki, M Koike, J Tamura, J Tong, M Nomura, G Itoh*
- 538 Protein transport and processing by human HT29-19A intestinal cells: effect of interferon γ *K Terpend, F Boisgerault, M A Blaton, J F Desjeux, M Heyman*

Pancreas and biliary tract

- 546 Neurotensin receptors: a new marker for human ductal pancreatic adenocarcinoma *J C Reubi, B Waser, H Friess, M Büchler, J Laissie*
- 551 Faecal elastase 1: not helpful in diagnosing chronic pancreatitis associated with mild to moderate exocrine pancreatic insufficiency *P G Lankisch, I Schmidt, H König, D Lehnick, R Knollmann, M Löhr, S Liebe*
- 555 Persistent systemic inflammatory response after stent insertion in patients with malignant bile duct obstruction *A B Ballinger, J A Woolley, M Ahmed, H Mulcahy, E M Alstead, J Landon, M L Clark, M J G Farthing*
- 560 Uptake, yield of neoplasia, and adverse effects of flexible sigmoidoscopy screening *W S Atkin, A Hart, R Edwards, P McIntyre, R Aubrey, J Wardle, S Sutton, J Cuzick, J M A Northover*

Liver

- 566 A rapid method of haplotyping *HFE* mutations and linkage disequilibrium in a Caucasoid population
C G Mullighan, M Bunce, G C Fanning, S E Marshall, K I Welsh
- 570 Clinical significance of intrahepatic hepatitis C virus levels in patients with chronic HCV infection
G H Haydon, L M Jarvis, C S Blair, P Simmonds, D J Harrison, K J Simpson, P C Hayes
- 576 Acute liver failure secondary to hepatic infiltration: a single centre experience of 18 cases
D Rowbotham, J Wendon, R Williams

Review

- 581 Gastrin, gastrin receptors and colorectal carcinoma *G S Baldwin, A Shulkes*

Working party report

- 585 Cleaning and disinfection of equipment for gastrointestinal endoscopy. Report of a Working Party of the British Society of Gastroenterology Endoscopy Committee

- 594 **Letters to the editor** **Book reviews** **Notes**

Cover illustration: Detached enterocytes stained with the DNA binding fluorochromes HO342 and PI: 45 minutes' reperfusion. (From the paper by Ikeda *et al*, this issue, pp 530–7.)