

Gut

An International Journal of
Gastroenterology and Hepatology

JULY 1998 VOLUME 43 NUMBER 1

Editorial

- 1 Clinical Alert: evidence-based medicine in *Gut* M J G Farthing

Leading article

- 2 A perspective on the use of tubeless pancreatic function tests in diagnosis E P DiMagno

Commentaries

- 4 Colonic embolisation: useful but caution required A P Hemingway, D J Allison
5 Life (and death) in the Fas lane A N Akbar

Science alert

- 7 Eradication of chronic *Helicobacter pylori* infection by therapeutic vaccination J E Crabtree

Clinical alert

- 9 Treatment of variceal haemorrhage Commentary by A K Burroughs

Gastro-oesophageal reflux

- 12 Effect of atropine on gastro-oesophageal reflux and transient lower oesophageal sphincter relaxations in patients with gastro-oesophageal reflux disease I Lidums, H Checklin, R K Mittal, R H Holloway
17 Intestinal metaplasia at the gastro-oesophageal junction: *Helicobacter pylori* gastritis or gastro-oesophageal reflux disease? A Hackelsberger, T Günther, V Schultze, G Manes, J-E Dominguez-Muñoz, A Roessner, P Malfertheiner

Small intestine


- 22 Effect of sodium ion coupled nutrient transport on intestinal permeability in chronically catheterised rats M R Uding

Inflammation and inflammatory bowel disease

- 29 A simple clinical colitis activity index R S Walmsley, R C S Ayres, R E Pounder, R N Allan
33 Five genetic markers in the interleukin 1 family in relation to inflammatory bowel disease P C F Stokkers, B E van Aken, N Basoski, P H Reitsma, G N J Tytgat, S J H van Deventer
40 Visualising E-selectin in the detection and evaluation of inflammatory bowel disease M Bhatti, P Chapman, M Peters, D Haskard, H J F Hodgson
48 High Fas ligand expression on lymphocytes in lesions of ulcerative colitis H Ueyama, T Kiyohara, N Sawada, K Isozaki, S Kitamura, S Kondo, J Miyagawa, S Kanayama, Y Shinomura, H Ishikawa, T Ohtani, R Nezu, S Nagata, Y Matsuzawa

- 56 Expression of inducible nitric oxide synthase activity in human colon epithelial cells: modulation by T lymphocyte derived cytokines *G Kolios, N Rooney, C T Murphy, D A F Robertson, J Westwick*
- 64 Reduced susceptibility of mice overexpressing transforming growth factor α to dextran sodium sulphate induced colitis *B Egger, H V Carey, F Procaccino, N-N Chai, E P Sandgren, J Lakshmanan, V S Buslon, S W French, M W Büchler, V E Eysselein*
- 71 Inflammatory bowel disease-like enteritis and caecitis in a senescence accelerated mouse P1/Yit strain *S Matsumoto, Y Okabe, H Setoyama, K Takayama, J Ohtsuka, H Funahashi, A Imaoka, Y Okada, Y Umesaki*

.....
Colon

-  79 Transcatheter coil embolotherapy: a safe and effective option for major colonic haemorrhage *A A Nicholson, D F Ettles, J E Hartley, I Curzon, P W R Lee, G S Duthie, J R T Monson*
- 85 Colonic epithelial cell proliferation in hereditary non-polyposis colorectal cancer *S E Green, P Chapman, J Burn, A D Burt, M Bennett, D R Appleton, J S Varma, J C Mathers*
- 93 Folate depletion impairs DNA excision repair in the colon of the rat *S-W Choi, Y-I Kim, J N Weitzel, J B Mason*
- 100 Identification of gases responsible for the odour of human flatus and evaluation of a device purported to reduce this odour *F L Suarez, J Springfield, M D Levitt*

.....
Motility and visceral sensation

- 105 Non-cardiac, non-oesophageal chest pain: the relevance of psychological factors *K Y Ho, J Y Kang, B Yeo, W L Ng*
- 111 Lipids infused into the jejunum accelerate small intestinal transit but delay ileocolonic transit of solids and liquids *J Hammer, K Hammer, K Kletter*
- 117 Chronic intestinal pseudo-obstruction in systemic lupus erythematosus *G Perlemuter, S Chaussade, B Wechsler, P Cacoub, M Dapoigny, A Kahan, P Godeau, D Couturier*
- 123 Acute effects of therapeutic irradiation for prostatic carcinoma on anorectal function *E K Yeoh, A Russo, R Botten, R Fraser, D Roos, M Penniment, M Borg, W M Sun*

.....
Pancreas

- 128 Periacinar stellate shaped cells in rat pancreas: identification, isolation, and culture *M V Apte, P S Haber, T L Applegate, I D Norton, G W McCaughan, M A Korsten, R C Pirola, J S Wilson*
- 134 Enhanced fibroblast growth factor 5 expression in stromal and exocrine elements of the pancreas in chronic pancreatitis *T Ishiwata, M Kornmann, H G Beger, M Korc*

.....
Liver

- 140 Patterns of alcohol consumption after liver transplantation *H Tang, R Boulton, B Gunson, S Hubscher, J Neuberger*

.....
 146 **Letters to the editor** **Book reviews** **Notes**

.....
 151 **Abstracts from the annual meeting of the British Association for the Study of the Liver**

Cover illustration: Immunostaining for α smooth muscle antigen of pancreatic stellate shaped cells after 48 hours in culture. Positive staining of cells was observed in a fibrillar pattern in the cytoplasm. (From the paper by Apte *et al*, this issue, pp 128–133.)