

# Gut

An International Journal of  
Gastroenterology and Hepatology

DECEMBER 2000 VOLUME 47 NUMBER 6

## Leading article

743 Getting to grips with gluten *S N McAdam, L M Sollid*

## Commentaries

746 Genetics of inflammatory bowel disease: a puzzle with contradictions? *S Schreiber*

747 Gastrin, growth, and colon neoplasia *G J Dockray*

748 Alcohol and retinoid metabolism *H K Seitz*

## Science @lert

751 Function of immunoglobulin A in immunity *M A Kerr*

## Oesophagus

753 Mucin gene expression in Barrett's oesophagus: an in situ hybridisation and immunohistochemical study  
*G S Arul, M Moorghen, N Myerscough, D A Alderson, R D Spicer, A P Corfield*

## Stomach

762 Cyclooxygenase (COX) 1 and 2 in normal, inflamed, and ulcerated human gastric mucosa *L M Jackson, K C Wu, Y R Mahida, D Jenkins, C J Hawkey*

## Inflammation and inflammatory bowel disease

771 Inhibition of inducible nitric oxide synthase in the human intestinal epithelial cell line, DLD-1, by the inducers of heme oxygenase 1, bismuth salts, heme, and nitric oxide donors *M Cavicchi, L Gibbs, B J R Whittle*

779 IL-18 and IL-12 induce intestinal inflammation and fatty liver in mice in an IFN- $\gamma$  dependent manner  
*S Chikano, K Sawada, T Shimoyama, S-I Kashiwamura, A Sugihara, K Sekikawa, N Terada, K Nakamishi, H Okamura*

**C** 787 Genetic analyses of chromosome 12 loci in Crohn's disease *S Lesage, H Zouali, J-F Colombel and EPIMAD, J Belaiche and GETAID, J-P Cézard and EPGWGIBD, C Tysk, S Almer, M Gassull, V Binder, M Chamailard, I Le Gall, G Thomas, J-P Hugot*

792 Coordinated localisation of mucins and trefoil peptides in the ulcer associated cell lineage and the gastrointestinal mucosa *R J Longman, J Douthwaite, P A Sylvester, R Poulson, A P Corfield, M G Thomas, N A Wright*

801 Measles, month of birth, and Crohn's disease *N Haslam, J F Mayberry, A B Hawthorne, R G Newcombe, G K T Holmes, C S J Probert*

## Irritable bowel syndrome

804 Increased rectal mucosal enteroendocrine cells, T lymphocytes, and increased gut permeability following acute *Campylobacter* enteritis and in post-dysenteric irritable bowel syndrome *R C Spiller, D Jenkins, J P Thornley, J M Hebden, T Wright, M Skinner, K R Neal*

**Colon cancer**

- 812 Sulindac and a cyclooxygenase-2 inhibitor, etodolac, increase APC mRNA in the colon of rats treated with azoxymethane *Y Kishimoto, N Takata, T Jimai, T Morisawa, G Shiota, H Kawasaki, J Hasegawa*
- © 820 Gastrin and gastrin receptor activation: an early event in the adenoma-carcinoma sequence *A M Smith, S A Watson*
- © 825 Inhibition of retinol oxidation by ethanol in the rat liver and colon *A Parlesak, I Menzl, A Feuchter, J C Bode, C Bode*
- 832 A prospective single centre study comparing computed tomography pneumocolon against colonoscopy in the detection of colorectal neoplasms *Y M Miao, Z Amin, J Healy, P Burn, N Murugan, D Westaby, T G Allen-Mersh*

**Pancreas**

- 838 Treatment with neutralising antibody against cytokine induced neutrophil chemoattractant (CINC) protects rats against acute pancreatitis associated lung injury *M Bhatia, M Brady, J Zagorski, S E Christmas, F Campbell, J P Neoptolemos, J Slavin*

**Liver disease**

- 845 The natural history of HCV in a cohort of haemophilic patients infected between 1961 and 1985 *T T Yee, A Griffioen, C A Sabin, G Dusheiko, C A Lee*
- 852 Increased renal production of C-type natriuretic peptide (CNP) in patients with cirrhosis and functional renal failure *V Gülberg, S Moller, J H Henriksen, A L Gerbes*

**Case report**

- 858 Hepatic iron overload in aceruloplasminaemia *N E Hellman, M Schaefer, S Gehrke, P Stegen, W J Hoffman, J D Gitlin, W Stremmel*

**Review**

- 861 The neurobiology of stress and gastrointestinal disease *E A Mayer*

**Letters to the editor**

- 870 Inflammation at the neo squamo-columnar junction in Barrett's oesophagus *R C Fitzgerald*
- 870 Mother to child transmission of anti-*S cerevisiae* mannan antibodies (ASCA) in non-IBD families *D Poulain, B Sendid, I Fajardy, P Danze, J Colombel, J Braun, C Sutton, H Yang, J Rotter*
- 871 **Book review Notes Correction**
- 873 **Volume 47: Author Index**
- 881 **Volume 47: Subject Index**
- Volume 47: Contents**

**8th United European Gastroenterology Week**

The UEGW abstract book (Gut 2000;47(suppl III)) has again been produced as a CD-ROM and can be found attached to the inside back cover of this issue.

**Cover illustration:** Fluorescent immunohistochemical localisation of mucin glycoproteins and trefoil factor family (TFF) peptides in ulcer associated cell lineage. TFF2 (green) and MUC5B (red) colocalise in some acinar and duct cells (DAPI counterstain). (From the paper by Longman *et al*, pp 793–801.)