

## AIMS AND SCOPE

Gut publishes high quality original papers on all aspects of gastroenterology and hepatology as well as topical, authoritative editorials, comprehensive reviews, case reports, therapy updates and other articles of interest to gastroenterologists and hepatologists.

## EDITOR

Michael J G Farthing

## SPECIAL SECTIONS EDITOR

Ian Forgacs

## ASSOCIATE EDITORS

David Adams  
John Atherton  
Thomas T MacDonald  
Jan Tack  
Nicholas A Wright

## EVIDENCE BASED GASTROENTEROLOGY ADVISORY GROUP

Richard F A Logan  
Stephen J W Evans  
Andrew Hart  
Jane Metcalf

## EDITORIAL OFFICE MANAGER

Claire Castle

## EDITORIAL ASSISTANTS

Alex Hodge  
Sarah Taylor

## TECHNICAL EDITORS

Linda Gough  
Josie Stephenson

## EDITORIAL BOARD

K E Barrett - USA	H R Mertz - USA
E Beubler - Austria	K Moore - UK
M K Bhan - India	M F Neurath - USA
I Bjarnason - UK	M Novelli - UK
G E Boeckstaens - Netherlands	F Pallone - Italy
L Bueno-France	D Schuppan - Germany
H A Buller - Netherlands	F Shanahan - Ireland
E Corazzari - Italy	N A Shepherd - UK
A M Di Bisceglie - USA	R C Spiller - UK
E El-Omar - UK	J J Y Sung - Hong Kong
S L Friedman - USA	M Swain - Canada
L Greco - Italy	G Tougas - Canada
R Jones - UK	G Triadafilopoulos - USA
P J Kahrilas - USA	Z Tulassay - Hungary
M A Kamm - UK	S J H Van Deventer - Netherlands
E J Kuipers - Netherlands	S J W Evans (Statistical Adviser) Editor, British Medical Journal
L Lundell - Sweden	
G W McCaughan - Australia	
K E L McColl - UK	

## LOCAL EDITIONS

China	Netherlands/Belgium
Excerpta Medica Asis Ltd	Medicom Exvcel
19/F Eight Commercial Tower	Box 151
8 Sun Yip Street	1400 AD Bussum
Chai Wang	Netherlands
Hong Kong	Telephone: +31 35 69 52480
Telephone: +852 2965 1300	Fax: +31 35 69 48565
Fax: +852 2976 0778	

## COPYRIGHT

© 2002 Gut. All rights reserved; no part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise without the prior permission of Gut.

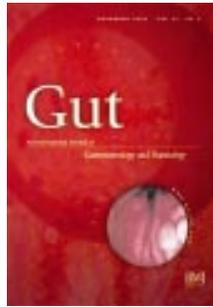
Authors are required to grant Gut an exclusive licence to publish  
Print ISSN 0017 5749  
Online ISSN 1468 3288  
Publication: Monthly (subscribers also receive all supplements)

## INSTRUCTIONS TO AUTHORS

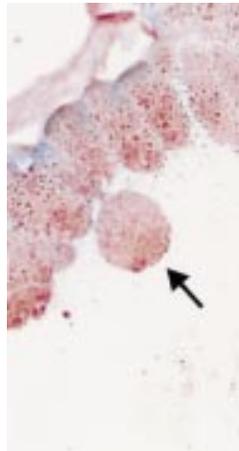
Full instructions are available online at [www.gutjnl.com/misc/ifora.shtml](http://www.gutjnl.com/misc/ifora.shtml)  
If you do not have web access please contact the editorial office

Gut is published by BMJ Publishing Group and printed in the UK on acid free paper by Cambrian Printers, Aberystwyth

Periodicals postage paid, Rahway, NJ. Postmaster: send address changes to: Gut, c/o Mercury Airfreight International Ltd, 365 Blair Road, Avenel, NJ 07001, USA



Sessile polyps seen in the normal gastric corpus. (From the case report by Watanabe *et al*, pp 742–5).



See p 628

**NEW**  
**ONLINE**  
**SUBMISSION**  
**GO TO**  
**WEBSITE**  
**TO SUBMIT YOUR**  
**MANUSCRIPT**



[www.publicationethics.org.uk](http://www.publicationethics.org.uk)

This journal is a member of and subscribes to the principles of the Committee on Publication Ethics

## Leading articles

- 617 Acupuncture for gastrointestinal disorders: myth or magic *J J Y Sung*

## Commentaries

- 620 Observer variation in the diagnosis of superficial oesophageal adenocarcinoma: another spanner in the works? *D Alderson*
- 621 Diagnosis, treatment decisions, and follow up in primary gastric lymphoma *H Boot, D de Jong*

## Clinical @lert

- 623 All that glitters is not gold *R P Mookerjee, R Jalan*

## Debate

- 625 Protagonist: HCV infection should be managed in specialist centres *G Dusheiko*
- 626 Antagonist: HCV infection should be managed in specialist centres *J L Brown*

## Stomach

- 628 Sonic hedgehog expression correlates with fundic gland differentiation in the adult gastrointestinal tract *G R van den Brink, J C H Hardwick, C Nielsen, C Xu, F J ten Kate, J Glickman, S J H van Deventer, D J Roberts, M P Peppelenbosch*
- 634 Safety and efficacy of low dose *Escherichia coli* enterotoxin adjuvant for urease based oral immunisation against *Helicobacter pylori* in healthy volunteers *S Banerjee, A Medina-Fatimi, R Nichols, D Tendler, M Michetti, J Simon, C P Kelly, T P Monath, P Michetti*
- 641 Toxigenic *Helicobacter pylori* induces changes in the gastric mucosal microcirculation in rats *N Kalia, K D Bardhan, J C Atherton, N J Brown*

## Small intestine

- 648 Duodenal mRNA expression of iron related genes in response to iron loading and iron deficiency in four strains of mice *F Dupic, S Fruchon, M Bensaid, O Loreal, P Brissot, N Borot, M P Roth, H Coppin*

## Inflammatory bowel disease

- 654 High prevalence of osteoporotic vertebral fractures in patients with Crohn's disease *J Klaus, G Armbrrecht, M Steinkamp, J Brückel, A Rieber, G Adler, M Reinshagen, D Felsenberg, C von Tirpitz*
- 659 Increased mucosal tumour necrosis factor  $\alpha$  production in Crohn's disease can be downregulated ex vivo by probiotic bacteria *N Borrvel, M Carol, F Casellas, M Antolin, F de Lara, E Espin, J Naval, F Guarner, J R Malagelada*

- 665 PCR detection of *Mycobacterium paratuberculosis* in Crohn's disease granulomas isolated by laser capture microdissection *P Ryan, M W Bennett, S Aarons, G Lee, J K Collins, G C O'Sullivan, J O'Connell, F Shanahan*

## Gastrointestinal cancer

- 671 Observer variation in the diagnosis of superficial oesophageal adenocarcinoma *A H Ormsby, R E Petras, W H Henricks, T W Rice, L A Rybicki, J E Richter, J R Goldblum*
- 677 Transient mismatch repair gene transfection for functional analysis of genetic hMLH1 and hMSH2 variants *A Brieger, J Trojan, J Raedle, G Plotz, S Zeuzem*
- 685 Gastroprotective peptide trefoil factor family 2 gene is activated by upstream stimulating factor but not by c-Myc in gastrointestinal cancer cells *E Al-azzeq, O Dittrich, J Vervoorts, N Blin, P Gött, B Lüscher*
- 691 Endoscopic ultrasound in the follow up and response assessment of patients with primary gastric lymphoma *A Püspök, M Raderer, A Chott, B Dragosics, A Gangl, R Schöfl*

## Motility and visceral sensation

- 695 Is anorectal endosonography valuable in dyschesia? *S M Van Outryve, M J Van Outryve, B Y De Winter, P A Pelckmans*
- 701 Visceral sensation and emotion: a study using hypnosis *L A Houghton, E L Calvert, N A Jackson, P Cooper, P J Whorwell*

## Pancreas

- 705 Extracellular calcium sensing receptor in human pancreatic cells *G Z Rácz, Á Kittel, D Riccardi, R M Case, A C Elliott, G Varga*
- 712 Characterisation of oestrogen receptor, progesterone receptor, trefoil factor 1, and epidermal growth factor and its receptor in pancreatic cystic neoplasms and pancreatic ductal adenocarcinoma *T-S Yeh, Y-Y Jan, C-T Chiu, Y-B Ho, T-C Chen, K-F Lee, K-M Chan, J-C Hsu, T-L Hwang, M-F Chen*
- 717 Prognosis of malignant intraductal papillary mucinous tumours of the pancreas after surgical resection. Comparison with pancreatic ductal adenocarcinoma *F Maire, P Hammel, B Terris, F Paye, J-Y Scoazec, C Cellier, M Barthet, D O'Toole, P Rufat, C Partensky, E Cuillerier, P Lévy, J Belghiti, P Ruszniewski*

## Liver disease

- 723 Mild iron overload in patients carrying the HFE S65C gene mutation: a retrospective study in patients with suspected iron overload and healthy controls *P Holmström, J Marmur, G Eggertsen, M Gáfvels, P Stål*
- 731 Patients with small duct primary sclerosing cholangitis have a favourable long term prognosis *E Björnsson, K M Boberg, S Cullen, K Fleming, O P Clausen, O Fausa, E Schruppf, R W Chapman*
- 736 Renal tubular events following passage from the supine to the standing position in patients with compensated liver cirrhosis: loss of tubuloglomerular feedback *G Sansoè, A M Biava, S Silvano, A Ferrari, F Rosina, A Smedile, A Touscoz, L Bonardi, M Rizzetto*



See p 665



See p 705

## Case report

- 742 Regression of fundic gland polyps following acquisition of *Helicobacter pylori* *N Watanabe, H Seno, T Nakajima, S Yazumi, S Miyamoto, S Matsumoto, T Itoh, C Kawanami, K Okazaki, T Chiba*



See p 745

## Gut file

- 746 Transient ischaemic colitis following an aeroplane flight: two case reports and review of the literature *J H Butcher, A J M Davis, A Page, B Green, H A Shepherd*

## Review

- 748 Effect of breast milk and weaning on epithelial growth of the small intestine in humans *A G Cummins, F M Thompson*

## PostScript

- 755 Terlipressin and arterial blood volume after paracentesis for tense ascites in cirrhosis *G Singh Ranger*
- 755 Cardiac response to exercise in cirrhosis *R H Wachsberg*
- 755 Aetiology of extrahepatic portal vein thrombosis *B W M Spanier, J Frederiks*
- 756 Rifampicin and treatment of cholestatic pruritus *A F Hofmann*
- 757 Oats and coeliac disease *R Dor, D J Shanahan*
- 758 Notices