

Aims and Scope

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

Editor

Professor Robin C Spiller (UK)

Deputy Editor

E El-Omar (UK)

Associate Editors

J-F Colombel (France)	David Mutimer (UK)
Alexander Gerbes (Germany)	M Pinzani (Italy)
S Ghosh (UK)	M Simrén (Sweden)
William Grady (USA)	S Vermeire (Belgium)
M M Lerch (Germany)	

Education Editor

Guruprasad Aithal (UK)

JournalScan Editor

Richard F A Logan (UK)

Contributors

Guruprasad Aithal (UK)	Paul Moayyedi (UK)
Paul Hurlstone (UK)	Alastair Windsor (UK)
Barney Hawthorne (UK)	

Book Review Editor

Ray J Playford (UK)

Editorial Board

G Adler (Germany)	T T MacDonald (UK)
H Ashktorab (USA)	A J S MacPherson (Canada)
F Azpiroz (Spain)	F Marra (Italy)
F Beck (UK)	K E L McColl (UK)
P Correa (USA)	P Moayyedi (UK)
M Corsetti (Italy)	S F Moss (USA)
C P Day (UK)	J P Neoptolemos (UK)
P Desreumaux (France)	J O'Grady (UK)
A M Diehl (USA)	M Parola (Italy)
L Egan (UK)	S P Pereira (UK)
R Fitzgerald (UK)	M Pritchard (UK)
E Furrie (UK)	G Rogler (Germany)
C Gasche (Austria)	S Ryder (UK)
K Geboes (Belgium)	T Sauerbruch (Germany)
P R Gibson (Australia)	J Scholmerich (Germany)
P Ginés (Spain)	S Schreiber (Germany)
M Goggins (USA)	S J Spechler (USA)
R Goodlad (UK)	K Sugano (Japan)
H Herfarth (USA)	J Tack (Belgium)
T Hibi (Japan)	H Tilg (Austria)
R Jones (UK)	I Tomlinson (UK)
N Kawada (Japan)	D A van Heel (UK)
R Kiesslich (Germany)	C Sabin (UK)
J Kleibeuker (The Netherlands)	(Statistical Advisor)
D Lebec (France)	Editor, <i>BMJ</i>

Impact factor 7.692

Disclaimer

Gut is published by BMJ Publishing Group Ltd, a wholly owned subsidiary of the British Medical Association, and the British Society of Gastroenterology.

The BMA grants editorial freedom to the Editor of *Gut*. *Gut* follows guidelines on editorial independence produced by the World Association of Medical Editors and the code on good publication practice of the Committee on Publication Ethics.

Gut is intended for medical professionals and is provided without warranty, express or implied. Statements in the journal are the responsibility of their authors and advertisers and not authors' institutions, the BMJ Publishing Group or the BMA unless otherwise specified or determined by law.

Acceptance of advertising does not imply endorsement.

To the fullest extent permitted by law, the BMJ Publishing Group shall not be liable for any loss, injury or damage resulting from the use of *Gut* or any information in it whether based on contract, tort, or otherwise. Readers are advised to verify any information they choose to rely on.

Copyright

© 2007 BMJ Publishing Group & British Society of Gastroenterology. 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

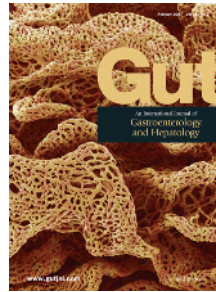
Full instructions are available online at: <http://gut.bmj.com/ifa>

All papers must be submitted via Bench>Press at

<http://submit-gut.bmj.com>

Gut is published by BMJ Publishing Group, copyediting services provided by Macmillan India Ltd, typeset by The Charlesworth Group and printed in the UK on acid-free paper by Latimer Trend & Co Ltd, Plymouth

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



Blood vessels from intestinal wall. Susumu Nishinaga/SPL

Leading article

- 157 Oral proteases: a new approach to managing coeliac disease *N Cerf-Bensussan, T Matysiak-Budnik, C Cellier, M Heyman*

Editorial

- 161 European evidence-based consensus on the diagnosis and management of Crohn's disease *S B Hanauer, W J Sandborn*

Commentaries

- 164 Activation of nuclear factor κ B in acinar cells does not provoke acute pancreatitis *R M Schmid*
- 165 The burden of gastrointestinal disease: implications for the provision of care in the UK *M D Hellier, J G Williams*

Small intestine

- 168 Zinc carnosine, a health food supplement that stabilises small bowel integrity and stimulates gut repair processes *A Mahmood, A J FitzGerald, T Marchbank, E Ntatsaki, D Murray, S Ghosh, R J Playford*

Neurogastroenterology

- 176 Inhibition of macrophage function prevents intestinal inflammation and postoperative ileus in rodents *S Wehner, F F Behrendt, B N Lyutenski, M Lysson, A J Bauer, A Hirner, J C Kalff*
- 186 Ileitis alters neuronal and enteroendocrine signalling in guinea pig distal colon *J R O'Hara, A E Lomax, G M Mawe, K A Sharkey*
- 195 Acute distal colitis impairs gastric emptying in rats via an extrinsic neuronal reflex pathway involving the pelvic nerve *H U De Schepper, J G De Man, L Van Nassauw, J-P Timmermans, A G Herman, P A Pelckmans, B Y De Winter*

Irritable bowel syndrome

- 203 Diarrhoea-predominant IBS patients show mast cell activation and hyperplasia in the jejunum *M Guilarte, J Santos, I de Torres, C Alonso, M Vicario, L Ramos, C Martínez, F Casellas, E Saperas, J R Malagelada*

Colorectal cancer

- 210 Comparison of a guaiac based and an immunochemical faecal occult blood test in screening for colorectal cancer in a general average risk population *L Guittet, V Bouvier, N Mariotte, J P Vallee, D Arsène, S Bautreux, J Tichet, G Launoy*
- 215 Enhanced expression of hepatocyte growth factor activator inhibitor type 2-related small peptide at the invasive front of colon cancers *S Uchiyama, H Itoh, S Naganuma, K Nagaike,*



www.publicationethics.org.uk

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

*T Fukushima, H Tanaka, R Hamasuna,
K Chijiwa, H Kataoka*

Pancreas

- 227 Cellular immune reaction in the pancreas is induced by constitutively active I κ B kinase-2
T Aleksic, B Baumann, M Wagner, G Adler, T Wirth, C K Weber

Viral hepatitis

- 237 High incidence of allograft dysfunction in liver transplanted patients treated with pegylated-interferon alpha-2b and ribavirin for hepatitis C recurrence: possible de novo autoimmune hepatitis? *S Berardi, F Lodato, A Gramenzi, A D'Errico, M Lenzi, A Bontadini, M C Morelli, M R Tamè, F Piscaglia, M Biselli, C Sama, G Mazzella, A D Pinna, G Grazi, M Bernardi, P Andreone*

Liver

- 243 Human liver sinusoidal endothelial cells induce apoptosis in activated T cells: a role in tolerance induction *A Karrar, U Broomé, M Uzunel, A R Qureshi, S Sumitran-Holgersson*
- 253 Artificial neural network is superior to MELD in predicting mortality of patients with end-stage liver disease *A Cucchetti, M Vivarelli, N D Heaton, S Phillips, F Piscaglia, L Bolondi, G La Barba, M R Foxton, M Rela, J O'Grady, A D Pinna*
- 259 The extent of the collateral circulation influences the postprandial increase in portal pressure in patients with cirrhosis *A Albillos, R Bañares, M González, M-V Catalina, O Pastor, R Gonzalez, C Ripoll, J Bosch*
- 265 Intrahepatic cholestasis of pregnancy: the severe form is associated with common variants of the hepatobiliary phospholipid

transporter ABCB4 gene *H E Wasmuth, A Glantz, H Keppeler, E Simon, C Bartz, W Rath, L-Å Mattsson, H-U Marschall, F Lammert*

- 271 Plasminogen fragment K1-5 improves survival in a murine hepatocellular carcinoma model *V Schmitz, E Raskopf, M A Gonzalez-Carmona, A Vogt, C Rabe, L Leifeld, M Kornek, T Sauerbruch, W H Caselmann*
- 279 Life expectancy of adult liver allograft recipients in the UK *K Barber, J Blackwell, D Collett, J Neuberger, on behalf of the UK Transplant Liver Advisory Group*

JournalScan

- 283 Edited by *R F A Logan*

Recent advances in basic science

- 284 Emerging insights into Transforming growth factor β Smad signal in hepatic fibrogenesis
Y Inagaki, I Okazaki
- 293 Apoptosis of T cells and the control of inflammatory bowel disease: therapeutic implications *J Mudter, M F Neurath*

PostScript

- 304 Letters

Miscellanea

- 160 Editor's quiz: Chronic abdominal pain in an alcoholic *H-H Yen, Y-Y Chen*
- 163 Editor's quiz: Acute abdomen after prolonged plane travel *M Yee, H Ye, A B West*
- 167 Editor's quiz: Double balloon enteroscopy reveals the diagnosis in chronic gastrointestinal bleeding *H-H Yen, Y-Y Chen, M-S Soon*

The following supplement is now available at Gut Online (*Gut* 2007;56:(Suppl 1)) Gastroenterology services in the UK. The burden of disease, and the organisation and delivery of services for gastrointestinal and liver disorders: a review of the evidence *F Ali, W-Y Cheung, D Cohen, G Demery, A Edwards, M Greer, M Hellier, H Hutchings, B Ip, M Longo, S Roberts, I Russell, H Snooks, J Williams, J Williams*