

Journal of the British Society of Gastroenterology, a registered charity

#### 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

Professor Robin C Spiller - UK

#### **DEPUTY EDITOR**

John C Atherton - UK

#### ASSOCIATE EDITORS

David H Adams - UK Anna M Diehl - USA Ray J Playford - UK Jürgen Scholmerich - Germany Jan Tack - Belgium Alastair J M Watson - UK

#### **JOURNALSCAN EDITOR**

Richard F A Logan

This month's contributors
Guruprasad Aithal - UK
Paul Moayyedi - UK
Ian D Penman - UK
Simon P L Travis - UK

#### **EDITORIAL OFFICE MANAGER**

Claire Castle

#### **EDITORIAL ASSISTANTS**

Craig Raybould Julia Cresswell

#### **TECHNICAL EDITORS**

Linda Gough Josie Stephenson

#### **EDITORIAL BOARD**

I Bjarnason - UK
G E Boeckxstaens - Netherlands
L Bueno - France
A M Di Bisceglie - USA
J-F Colombel - France
H J Cooke - USA
C P Day - UK
E El-Omar - UK
I Forgacs - UK
S L Friedman - USA
L Greco - Italy
T Hibi - Japan
R Jones - UK
M A Kamm - UK
E J Kuipers - Netherlands
T T MacDonald - UK
G W McCaughan - Australia
K E L McColl - UK
H R Mertz - USA

#### LOCAL EDITIONS

COPYRIGHT

China Excerpta Medica Asis Ltd 19/F Eight Commercial Tower 8 Sun Yip Street Chai Wang Hong Kong Telephone: +852 2965 1300 Fax: +852 2976 0778 G Tougas - Canada C Trautwein - Germany G Triadafilopoulos - USA C Vulpe - USA N Wright - UK S J W Evans (Statistical Adviser) Editor, British Medical Journal Netherlands/Belgium Medicom Exvcel

1400 AD Bussum

Netherlands

P Moayyedi - UK

S A Müller-Lissner - Germany

M F Neurath - Germany M Novelli - UK D Schuppan - Germany

F Shanahan - Ireland

J J Y Sung - Hong Kong

N A Shepherd - UK

S J Spechler - USA

K Moore - UK

#### lephone: +852 2965 1300 Telephone: +31 35 69 52480 ax: +852 2976 0778 Fax: +31 35 69 48565

© 2003 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 www.gutjnl.com/misc/ifora.shtml

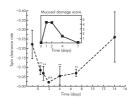
If you do not have web access please contact the editorial office

 ${\it Gut}$  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



COX-2 positive mucosal T cells revealed in H pylori gastritis (from the paper by Futagami *et al*, pp 1257–64).



See p 1291



See p 1297





www.publicationethics.org.uk

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

## contents GUT

Volume 52 Number 9 September 2003

#### Leading article

1233 Capsaicin and menthol in the treatment of itch and pain: recently cloned receptors provide the key *P Anand* 

......

...........

#### **Commentaries**

1236 In vivo electron spin resonance spectroscopy: what use is it to gastroenterologists? N S Dhanjal, I J Cox, S D Taylor-Robinson

1237 Keeping neuroendocrine cells in check: roles for TGFβ, Smads, and menin? G J Dockray

1239 Inappropriate ileal conservation of bile acids in cholestatic liver disease: homeostasis gone awry A F Hofmann

.....

#### Stomach

1242 Endogenous prostaglandin I<sub>2</sub> regulates the neural emergency system through release of calcitonin gene related peptide K Arai, T Ohno, T Saeki, S Mizuguchi, K Kamata, I Hayashi, K Saigenji, T Murata, S Narumiya, M Majima

1250 Interleukin 1β induces gastric epithelial cell matrix metalloproteinase secretion and activation during Helicobacter pylori infection M Gööz, M Shaker, P Gööz, A J Smolka

1257 Monocyte chemoattractant protein 1 (MCP-1) released from Helicobacter pylori stimulated gastric epithelial cells induces cyclooxygenase 2 expression and activation in T cells S Futagami, T Hiratsuka, A Tatsuguchi, K Suzuki, M Kusunoki, Y Shinji, K Shinoki, T Iizumi, T Akamatsu, H Nishigaki, K Wada, K Miyake, K Gudis, T Tsukui, C Sakamoto

1265 Channelling bias and the incidence of gastrointestinal haemorrhage in users of meloxicam, coxibs, and older, non-specific non-steroidal anti-inflammatory drugs T M MacDonald, S V Morant, J L Goldstein, T A Burke, D Pettitt

1271 Assessment of meal induced gastric accommodation by a satiety drinking test in health and in severe functional dyspepsia J Tack, P Caenepeel, H Piessevaux, R Cuomo, J Janssens

.....

#### **S**mall intestine

1278 Immunomodulatory effects of inhaled carbon monoxide on rat syngeneic small bowel graft motility A Nakao, B A Moore, N Murase, F Liu, B S Zuckerbraun, F H Bach, A M K Choi, M A Nalesnik, L E Otterbein, A J Bauer

#### Inflammatory bowel disease

1286 Interferon β-1a in ulcerative colitis: a placebo controlled, randomised, dose escalating study S Nikolaus, P Rutgeerts, R Fedorak, A H Steinhart, G E Wild, D Theuer, J Möhrle, S Schreiber

1291 Mucosal sulfhydryl compounds evaluation by in vivo electron spin resonance spectroscopy in mice with experimental colitis H Togashi, K Oikawa, T Adachi, K Sugahara, J Ito, T Takeda, H Watanabe, K Saito, T Saito, T Fukui, H Takeda, H Ohya, S Kawata

## contents GUT

Volume 52 Number 9 September 2003

1297 Tumour necrosis factor  $\alpha$  and nuclear factor KB inhibit transcription of human TFF3 encoding a gastrointestinal healing peptide M B Loncar, E-d Al-azzeh, P S M Sommer, M Marinovic, K Schmehl, M Kruschewski, N Blin, R Stohwasser, P Gött, T Kayademir

# 

#### **Cancer**

- 1304 Telomere shortening of epithelial cells characterises the adenoma-carcinoma transition of human colorectal cancer R R Plentz, S U Wiemann, P Flemming, P N Meier, S Kubicka, H Kreipe, M P Manns, K L Rudolph
- 1308 Autocrine growth inhibition by transforming growth factor  $\beta$ -1 (TGF $\beta$ -1) in human neuroendocrine tumour cells A Wimmel, B Wiedenmann, S Rosewicz

#### Colon cancer

1317 Potential role for peroxisome proliferator activated receptor (PPAR) in preventing colon cancer L Jackson, W Wahli, L Michalik, S A Watson, T Morris, K Anderton, D R Bell, J A Smith, C J Hawkey, A J Bennett

.....

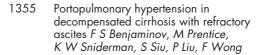
#### Peri-anal disease

Topical capsaicin—a novel and effective treatment for idiopathic intractable pruritus ani: a randomised, placebo controlled, crossover study J Lysy, M Sistiery-Ittah, Y Israelit, A Shmueli, N Strauss-Liviatan, V Mindrul, D Keret, E Goldin

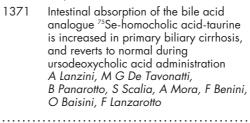
#### Liver

1327 Upregulation of lymphotoxin  $\beta$  expression in liver progenitor (oval) cells in chronic hepatitis C K N Lowes, E J Croager, L J Abraham, J K Olynyk, G C T Yeoh

- 1333 Risk of hepatitis C virus transmission from patients to surgeons: model based on an unlinked anonymous study of hepatitis C virus prevalence in hospital patients in Glasgow D Thorburn, K Roy, S O Cameron, J Johnston, S Hutchinson, E A B McCruden, P R Mills, D J Goldberg
- 1339 Location and function of intrahepatic shunts in anaesthetised rats X Li, I S Benjamin, R Naftalin, B Alexander
- 1347 Vascular endothelial growth factor and receptor interaction is a prerequisite for murine hepatic fibrogenesis H Yoshiji, S Kuriyama, J Yoshii, Y Ikenaka, R Noguchi, D J Hicklin, Y Wu, K Yanase, T Namisaki, M Yamazaki, H Tsujinoue, H Imazu, T Masaki, H Fukui



1363 Glucocorticoid receptors are downregulated in hepatic T lymphocytes in rats with experimental cholangitis K Tjandra, T Le, M G Swain



See p 1304

#### The COX controversy

1376 NSAIDs: the Emperor's new dogma? I Bjarnason, K Takeuchi, R Simpson

.....

......

1379 New dogmas or old? B J R Whittle

#### **JournalScan**

1382 Edited by R F A Logan

### **Conference report**

Meeting report of the British Society for 1383 Gastroenterology Meeting, March 2003 J I W Jones, S I Khakoo

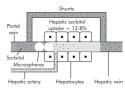
......



See p 1308

#### **PostScript**

- 1385 Long term follow up of Helicobacter pylori induced gastric diffuse large B cell MALT lymphoma following eradication treatment alone R Sinharay
- 1385 Is hepatobiliary scintigraphy indeed insensitive for the diagnosis of sphincter of Oddi dysfunction? J Toouli
- Is hepatobiliary scintigraphy insensitive 1385 for the diagnosis of sphincter of Oddi dysfunction? L Madácsy, A Szepes, V Bertalan, P Funch-Jensen
- 1386 Worsening of steatosis and fibrosis progression V Ratziu, M Saboury, T Poynard
- Colorectal screening guidelines in 1387 acromegaly I Perry, P M Stewart, K Kane P J Jenkins, P D Fairclough
- 1387 Atrophic gastritis: pathology and endoscopy in the reversibility assessment M Rugge, M Cassaro, G Pennelli, G Leandro, F Di Mario, F Farinati
- 1388 Diversion colitis with a mucosal tear on endoscopic insufflation Y Komuro, T Watanabe, K Hata, H Nagawa
- 1389 Book reviews Notices



See p 1339