



Cover: Oesophagus epithelium. Coloured scanning electron micrograph (SEM) of the epithelium (lining) of the oesophagus. The irregularly-shaped epithelial cells (blue & yellow) have a highly folded surface. These tiny folds are called microvilli. The flattened cells form a stratified squamous epithelium many layers thick. As a muscular non-absorptive tube, the oesophagus transports swallowed food to the stomach. The microvilli keep the oesophagus moist, trap mucus to lubricate passing food and protect the epithelium from food abrasion. Magnification unknown. Credit: STEVE GSCHMEISSNER / SCIENCE PHOTO LIBRARY.

An international journal of  
gastroenterology and hepatology

Impact Factor: 9.357

#### Editor

Professor Emad El-Omar (UK)

#### Deputy Editor (Hepatology)

Alexander Gerbes (Germany)

#### Deputy Editor (Luminal

#### Gastroenterology)

William Grady (USA)

#### Associate Editors

Ramon Bataller (Spain)

Guy Boeckxstaens (Belgium)

Laurence Egan (Ireland)

Thomas Gress (Germany)

Ernst Kuipers (The Netherlands)

Julian Panes (Spain)

Herbert Tilg (Austria)

Fabien Zoulim (France)

#### Editorial Office

Gut

BMJ Journals

BMA House, Tavistock Square

London, WC1H 9JR, UK

T: +44 (0)20 7383 6394

F: +44 (0)20 7383 6668

E: [guteditorial@bmjgroup.com](mailto:guteditorial@bmjgroup.com)

ISSN: 0017-5749 (print)

ISSN: 1468-3288 (online)

**Disclaimer:** Gut is owned and published by BMJ Publishing Group Ltd, a wholly owned subsidiary of the British Medical Association and the British Society of Gastroenterology. The owners grant 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, the British Society of Gastroenterology 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** © 2011 BMJ Publishing Group and 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 prior permission.

Gut is published by BMJ Publishing Group Ltd, typeset by TNQ Books & Journals, Chennai, India and printed in the UK on acid-free paper from sustainable forests by Latimer Trend & Co Ltd, Plymouth, UK

Gut (ISSN 0017-5749) is published monthly by BMJ Publishing Group and distributed in the USA by Mercury International Ltd. Periodicals postage paid at Rahway, NJ. POSTMASTER: send address changes to Gut, Mercury International Ltd, 365 Blair Road, Avenel, NJ, 07001, USA.

## Contents

Volume 60 Issue 6 | GUT June 2011

### Commentaries

- 741** Does it all ADA up? Adalimumab for ulcerative colitis

S Travis

- 742** Mesenchymal stem cell therapy of Crohn's disease: are the far-away hills getting closer?

J Panés, D Benítez-Ribas, A Salas

- 745** NAFLD and extrahepatic cancers: have a look at the colon

H Tilg, A M Diehl

### Guidelines

- 747** EGILS consensus report. Gastric extranodal marginal zone B-cell lymphoma of MALT

A Ruskoné-Fourmestraux, W Fischbach, B M P Aleman, H Boot, M Q Du, F Megraud, C Montalbán, M Raderer, A Savio, A Wotherspoon, on behalf of the EGILS group

### Leading article

- 759** Transient elastography in chronic viral hepatitis: a critical appraisal

A-C Cardoso, R J Carvalho-Filho, P Marcellin

### Oesophagus

- 765** Stepwise radical endoscopic resection versus radiofrequency ablation for Barrett's oesophagus with high-grade dysplasia or early cancer: a multicentre randomised trial

F G I van Vilsteren, R E Pouw, S Seewald, L Alvarez Herrero, C M T Sondermeijer, M Visser, F J W ten Kate, K C Yu Kim Teng, N Soehendra, T Rösch, B L A M Weusten, J J G H M Bergman

### Stomach

- 774** Diabetes conveys a higher risk of gastric cancer mortality despite an age-standardised decreasing trend in the general population in Taiwan

C-H Tseng

### Inflammatory bowel disease

- 780** Adalimumab for induction of clinical remission in moderately to severely active ulcerative colitis: results of a randomised controlled trial

W Reinisch, W J Sandborn, D W Hommes, G D'Haens, S Hanauer, S Schreiber, R Panaccione, R N Fedorak, M B Tighe, B Huang, W Kampman, A Lazar, R Thakkar

- 788** Autologous bone marrow-derived mesenchymal stromal cells in the treatment of fistulising Crohn's disease

R Ciccocioppo, M E Bernardo, A Sgarella, R Maccario, M A Avanzini, C Ubezio, A Minelli, C Alvisi, A Vanoli, F Calliada, P Dionigi, C Perotti, F Locatelli, G R Corazza

### Colon

- 799** Common variant in 6q26-q27 is associated with distal colon cancer in an Asian population

R Cui, Y Okada, S G Jang, J L Ku, J G Park, Y Kamatani, N Hosono, T Tsunoda, V Kumar, C Tanikawa, N Kamatani, R Yamada, M Kubo, Y Nakamura, K Matsuda

- 806** Thirty-day postoperative mortality after colorectal cancer surgery in England

E J A Morris, E F Taylor, J D Thomas, P Quirke, P J Finan, M P Coleman, B Rachet, D Forman

- 814** Colorectal cancer screening with odour material by canine scent detection

H Sonoda, S Kohnoe, T Yamazato, Y Satoh, G Morizono, K Shikata, M Morita, A Watanabe, M Morita, Y Kakeji, F Inoue, Y Maehara

### Pancreas

- 820** Reg4 protects against acinar cell necrosis in experimental pancreatitis

G Hu, J Shen, L Cheng, C Guo, X Xu, F Wang, L Huang, L Yang, M He, D Xiang, S Zhu, M Wu, Y Yu, W Han, X Wang

**MORE CONTENTS ►**



This article has been chosen by the Editor to be of special interest or importance and is freely available online.



Articles carrying the Unlocked Logo are freely available online under the BMJ Journals unlocked scheme. See <http://gut.bmj.com/info/unlocked.dtl>



COMMITTEE ON PUBLICATION ETHICS


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

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



When you have finished with this magazine please recycle it.

## Hepatology

- 829** High prevalence of colorectal neoplasm in patients with non-alcoholic steatohepatitis  
*V W-S Wong, G L-H Wong, S W-C Tsang, T Fan, W C-W Chu, J Woo, A W-H Chan, P C-L Choi, A M-L Chim, J Y-W Lau, F K-L Chan, J J-Y Sung, H L-Y Chan*
- 837** Predicting spontaneous clearance of acute hepatitis C virus in a large cohort of HIV-1-infected men  
 *E C Thomson, V M Fleming, J Main, P Klenerman, J Weber, J Eliahoo, J Smith, M O McClure, P Karayiannis*
- 846** Short- and long-term effects of the transjugular intrahepatic portosystemic shunt on portal vein thrombosis in patients with cirrhosis  
*A Luca, R Miraglia, S Caruso, M Milazzo, C Sapere, L Maruzzelli, G Vizzini, F Tuzzolino, B Gridelli, J Bosch*
- 853** Portal cholangiopathy: radiological classification and natural history  
*E Llop, C de Juan, S Seijo, Á García-Criado, J G Abraldes, J Bosch, J C García-Pagán*

## Recent advances in basic science

- 861** Stromal biology and therapy in pancreatic cancer  
*A Neesse, P Michl, K K Frese, C Feig, N Cook, M A Jacobetz, M P Lolkema, M Buchholz, K P Olive, T M Gress, D A Tuveson*

## Recent advances in clinical practice

- 869** Management of achalasia: surgery or pneumatic dilation  
*J E Richter, G E Boeckxstaens*

## PostScript

- 877** Book review  
**877** Letters

## Editor's quiz: GI snapshot

- 758** Unexplained gastrointestinal dysmotility: the clue may lie in the brain  
*A Parry-Jones, P Paine, R Ramdass, N Townsend, R Hammonds, A Teubner, J Shaffer, P Cooper, S Lal*
- 773** An unusual case of chronic blood loss in the small intestine  
*G Wurm Johansson, A Nemeth, J Nielsen, H Thorlacius, E Toth*
- 852** You can't have your cake and eat it too  
*S D J Gibbs, S M Williams, X Tyler, J Pearson, M J Bennie, K M Bowles*