



Caption: The majestic snow-capped Mount Fuji, Japan.

An international journal of gastroenterology and hepatology  
Impact Factor: 16.658

Editor

Emad El-Omar (Australia)

Deputy Editor (Hepatology)

Alexander Gerbes (Germany)

Deputy Editor (Luminal Gastroenterology)

William Grady (USA)

Deputy Editor (Endoscopy)

Thomas Rosch (Germany)

Associate Editors

Matias Avila (Spain)

Guy Boeckxstaens (Belgium)

Patrice Cani (Belgium)

Silvio Danese (Italy)

Jean-Francois Dufour (Switzerland)

Thomas Gress (Germany)

Arthur Kaser (UK)

Ernst Kuipers (The Netherlands)

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: info.gut@bmj.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** © 2017 BMJ Publishing Group Ltd 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 Exeter Premedia Services Private Ltd, Chennai, India and printed in the UK on acid-free paper.

Gut (ISSN: 0017-5749) is published monthly by BMJ Publishing Group and is distributed in the USA by Air Business Ltd. Periodicals postage paid at Jamaica NY 11431 POSTMASTER: send address changes to Gut, Air Business Ltd, c/o Worldnet Shipping Inc., 156-15, 146th Avenue, 2nd Floor, Jamaica, NY 11434, USA.

Leading article

2043 Illusions regarding *Helicobacter pylori* clinical trials and treatment guidelines  
*D Y Graham*

Commentaries

2047 Gastro-oesophageal reflux events: just another trigger in chronic cough?  
*L A Houghton, J A Smith*

2049 Janus-like monocytes regulate postoperative ileus  
*A Mcl Mowat*

2051 SENP1 activity sustains cancer stem cell in hypoxic HCC  
*A Conigliaro, M Tripodi, M Parola*

2052 Prioritising treatment among people who inject drugs in order to eliminate hepatitis C: addressing reluctance with sound economic analyses  
*Y J-F Hutin, S Z Wiktor*

Endoscopy news

2054 Lumen-apposing metal stents (LAMS) for pancreatic fluid collection (PFC) drainage: may not be business as usual  
*J Y Bang, M Hasan, U Navaneethan, R Hawes, S Varadarajulu*

Oesophagus

2057 Determinants of reflux-induced chronic cough  
*T V K Herregods, A Pauwels, J Jafari, D Sifrim, A J Bredenoord, J Tack, A J P M Smout*

Inflammatory bowel disease

2063 Discrepancies between patient-reported outcomes, and endoscopic and histological appearance in UC  
*J-F Colombel, M E Keir, A Scherl, R Zhao, G de Hertogh, W A Faubion, T T Lu*

2069 Alterations in the epithelial stem cell compartment could contribute to permanent changes in the mucosa of patients with ulcerative colitis  
*I Dotti, R Mora-Buch, E Ferrer-Picón, N Planell, P Jung, M C Masamunt, R F Leal, J M de Carpi, J Llach, I Ordás, E Batlle, J Panés, A Salas*

Coeliac disease

2080 ROC-king onwards: intraepithelial lymphocyte counts, distribution & role in coeliac disease mucosal interpretation  
*K Rostami, M N Marsh, M W Johnson, H Mohaghegh, C Heal, G Holmes, A Ensari, D Aldulaimi, B Bancel, G Bassotti, A Bateman, G Becheanu, A Bozzola, A Carroccio, C Catassi, C Ciacci, A Ciobanu, M Danciu, M H Derakhshan, L Elli, S Ferrero, M Fiorentino, M Fiorino, A Ganji, K Ghaffarzadehgan, J J Going, S Ishaq, A Mandolesi, S Mathews, R Maxim, C J Mulder, A Neeffes-Borst, M Robert, I Russo, M Rostami-Nejad, A Sidoni, M Sotoudeh, V Villanacci, U Volta, M R Zali, A Srivastava*

Gut microbiota

2087 Uncoupling of mucosal gene regulation, mRNA splicing and adherent microbiota signatures in inflammatory bowel disease  
*R Häslser, R Sheibani-Tezerji, A Sinha, M Barann, A Rehman, D Esser, K Aden, C Knecht, B Brandt, S Nikolaus, S Schäuble, C Kaleta, A Franke, C Fretter, W Müller, M-T Hiitt, M Krawczak, S Schreiber, P Rosenstiel*

Neurogastroenterology

2098 CCR2-dependent monocyte-derived macrophages resolve inflammation and restore gut motility in postoperative ileus  
*G Farro, M Stakenborg, P J Gomez-Pinilla, E Labeuw, G Goverse, M Di Giovanguilio, N Stakenborg, E Meroni, F D'Errico, Y Elkrin, D Laoui, Z M Lisowski, K A Sauter, D A Hume, J A Van Ginderachter, G E Boeckxstaens, G Matteoli*

2110 *Irf4*-dependent CD103<sup>+</sup>CD11b<sup>+</sup> dendritic cells and the intestinal microbiome regulate monocyte and macrophage activation and intestinal peristalsis in postoperative ileus  
*J-M Pohl, S Gutweiler, S Thiebes, J K Volke, L Klein-Hitpass, D Zwanziger, M Gunzer, S Jung, W W Agace, C Kurts, D R Engel*

MORE CONTENTS ►

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

This article has been made freely available online under the BMJ Journals Open Access scheme. See <http://authors.bmj.com/open-access/>



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)



- 2121** Stress activates pronociceptive endogenous opioid signalling in DRG neurons during chronic colitis

*R Guerrero-Alba, E E Valdez-Morales, N N Jimenez-Vargas, C Lopez-Lopez, J Jaramillo-Polanco, T Okamoto, Y Nasser, N W Bunnett, A E Lomax, S J Vanner*

## Colon

- 2132** Subclonal diversity arises early even in small colorectal tumours and contributes to differential growth fates



*C K Sievers, L S Zou, P J Pickhardt, K A Matkowskyj, D M Albrecht, L Clipson, J W Bacher, B D Pooler, F J Moawad, B D Cash, M Reichelderfer, T N Vo, M A Newton, B R Larget, R B Halberg*

- 2141** BCL-2 system analysis identifies high-risk colorectal cancer patients

*A U Lindner, M Salvucci, C Morgan, N Monsefi, A J Resler, M Cremona, S Curry, S Toomey, R O'Byrne, O Bacon, M Stühler, L Flanagan, R Wilson, P G Johnston, M Salto-Tellez, S Camilleri-Broët, D A McNamara, E W Kay, B T Hennessy, P Laurent-Puig, S Van Schaeybroeck, J H M Prehn*

## Hepatology

- 2149** SENP1 promotes hypoxia-induced cancer stemness by HIF-1 $\alpha$  deSUMOylation and SENP1/HIF-1 $\alpha$  positive feedback loop



*C-P Cui, C C-L Wong, A K-L Kai, D W-H Ho, E Y-T Lau, Y-M Tsui, L-K Chan, T-T Cheung, K S-H Chok, A C Y Chan, R C-L Lo, J M-F Lee, T K-W Lee, I O L Ng*

- 2160** Lysophosphatidylcholine acyltransferase 1 is downregulated by hepatitis C virus: impact on production of lipo-viro-particles

*F Beilstein, M Lemasson, V Pène, D Rainteau, S Demignot, A R Rosenberg*

## Recent advances in basic science

- 2170** A genetic roadmap of pancreatic cancer: still evolving

*F Notta, S A Hahn, F X Real*

## Recent advances in clinical practice

- 2179** Early intervention in Crohn's disease: towards disease modification trials

*S Danese, G Fiorino, L Peyrin-Biroulet*

## Book review

- 2188** The principles and practice of nutritional support

*S Lal*

## JournalScan

- 2189** GI highlights from the literature

*M H McLean*

## PostScript

- 2192** Letters

## Editor's quiz: GI snapshot

- 2068** Thinking out of the Gut: a case of obscure lower GI bleeding

*F H Koh, H-L Chan, F Petersson, C-S Chong*

## Correction

- 2188** Correction: *Quality standards in upper gastrointestinal endoscopy: a position statement of the British Society of Gastroenterology (BSG) and Association of Upper Gastrointestinal Surgeons of Great Britain and Ireland (AUGIS)*