

Caption: The elegant Salford Quays Lift Bridge, Greater Manchester. Manchester is hosting the British Society of Gastroenterology annual scientific meeting in June and the Gut family wish all participants a great event.

An international journal of gastroenterology and hepatology
Impact Factor: 14.921

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)

Jake Liang (USA)

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.

Commentaries

983 Putting the Wnt up colon cancer
L J A C Hawinkels, J C H Hardwick

984 Apicobasal polarity and Ras/Raf/MEK/ERK signalling in cancer
J Peng, A Gassama-Diagne

986 Telomere length and pancreatic cancer risk: breaking down the evidence
E J Duell

Guidelines

988 UK guideline on transition of adolescent and young persons with chronic digestive diseases from paediatric to adult care
A J Brooks, P J Smith, R Cohen, P Collins, A Douds, V Forbes, D R Gaya, B T Johnston, P J McKiernan, C D Murray, S Sebastian, M Smith, L Whitley, L Williams, R K Russell, S A McCartney, J O Lindsay

Stomach

1001 Notch1 and Notch2 receptors regulate mouse and human gastric antral epithelial cell homeostasis
G B Gifford, E S Demitrack, T M Keeley, A Tam, N La Cunza, P H Dedhia, J R Spence, D M Simeone, I Saotome, A Louvi, C W Siebel, L C Samuelson

1012 Deletion of *Men1* and *somatostatin* induces hypergastrinemia and gastric carcinoids
S Sundareshan, A J Kang, M M Hayes, E-Y K Choi, J L Merchant

Endoscopy

1022 The learning curve to achieve satisfactory completion rates in upper GI endoscopy: an analysis of a national training database
S T Ward, A Hancox, M A Mohammed, T Ismail, E A Griffiths, R Valori, P Dunckley

Gut microbiota

1031 The effect of heritability and host genetics on the gut microbiota and metabolic syndrome
M Y Lim, H J You, H S Yoon, B Kwon, J Y Lee, S Lee, Y-M Song, K Lee, J Sung, G Ko

Inflammatory bowel disease

1039 Fungal microbiota dysbiosis in IBD
H Sokol, V Leducq, H Aschard, H-P Pham, S Jegou, C Landman, D Cohen, G Liguori, A Bourrier, I Nion-Larmurier, J Cosnes, P Sekesik, P Langella, D Skurnik, M L Richard, L Beaugerie

1049 Tofacitinib for induction and maintenance therapy of Crohn's disease: results of two phase IIb randomised placebo-controlled trials
J Panés, W J Sandborn, S Schreiber, B E Sands, S Vermeire, G D'Haens, R Panaccione, P D R Higgins, J-F Colombel, B G Feagan, G Chan, M Moscanello, W Wang, W Niezychowski, A Marren, P Healey, E Maller

1060 Impaired antibacterial autophagy links granulomatous intestinal inflammation in Niemann–Pick disease type C1 and XIAP deficiency with NOD2 variants in Crohn's disease
T Schwerdt, S Pandey, H-T Yang, K Bagola, E Jameson, J Jung, R H Lachmann, N Shah, S Y Patel, C Booth, H Runz, G Düker, R Bettels, M Rohrbach, S Kugathasan, H Chapel, S Keshav, A Elkadri, N Platt, A M Muise, S Koletzko, R J Xavier, T Marquardt, F Powrie, J E Wraith, M Gyrd-Hansen, F M Platt, H H Uhlig

Neurogastroenterology

1075 The global prevalence of IBS in adults remains elusive due to the heterogeneity of studies: a Rome Foundation working team literature review
A D Sperber, D Dumitrascu, S Fukudo, C Gerson, U C Ghoshal, K A Gwee, A P S Hungin, J-Y Kang, C Minhu, M Schmulson, A Bolotin, M Friger, T Freud, W Whitehead

1083 α -Conotoxin Vc1.1 inhibits human dorsal root ganglion neuroexcitability and mouse colonic nociception via GABA_B receptors
J Castro, A M Harrington, S Garcia-Caraballo, J Maddern, L Grundy, J Zhang, G Page, P E Miller, D J Craik, D J Adams, S M Brierley

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/>




Member since 2008

This journal is a member of and subscribes to the principles of the Committee on Publication Ethics
www.publicationethics.org.uk




GI cancer

- 1095** RSP03 expands intestinal stem cell and niche compartments and drives tumorigenesis
 *J Hilkeens, N C Timmer, M Boer, G J IJink, M Schewe, A Sacchetti, M A J Koppens, J-Y Song, E R M Bakker*


Colon

- 1106** Inhibition of RAF1 kinase activity restores apicobasal polarity and impairs tumour growth in human colorectal cancer
T Borovski, T T Vellinga, J Laoukili, E E Santo, S Fatrai, S van Schelven, A Verheem, D L Marvin, I Ubink, I H M Borel Rinkes, O Kranenburg


Pancreas

- 1116** Leucocyte telomere length, genetic variants at the *TERT* gene region and risk of pancreatic cancer
 *Y Bao, J Prescott, C Yuan, M Zhang, P Kraft, A Babic, V Morales-Oyarvide, Z R Qian, J E Buring, B B Cochrane, J M Gaziano, E L Giovannucci, J E Manson, K Ng, S Ogino, T E Rohan, H D Sesso, M J Stampfer, C S Fuchs, I De Vivo, L T Amundadottir, B M Wolpin*

Hepatology

- 1123** Signalling via the osteopontin and high mobility group box-1 axis drives the fibrogenic response to liver injury
 *E Arriazu, X Ge, T-M Leung, F Magdaleno, A Lopategi, Y Lu, N Kitamura, R Urtasun, N Theise, D J Antoine, N Nieto*

Recent advances in clinical practice

- 1138** Non-alcoholic fatty liver disease and its relationship with cardiovascular disease and other extrahepatic diseases
L A Adams, Q M Anstee, H Tilg, G Targher
- 1154** Drug-induced liver injury: recent advances in diagnosis and risk assessment
 *G A Kullak-Ublick, R J Andrade, M Merz, P End, A Benesic, A L Gerbes, G P Aithal*

JournalScan

- 1165** GI highlights from the literature
M H McLean

PostScript

- 1168** Letters

Editor's quiz: GI snapshot

- 1000** A rare cause of GI bleeding in a 56-year-old man
P-Y Lin, J-H Tang, C-C Chang