



Caption: The iconic Sydney Harbour Bridge. See inside the excellent multicentre endoscopic study by Burgess *et al.*

An international journal of gastroenterology and hepatology

Impact Factor: 14.660

Editor

Emad El-Omar (Australia)

Deputy Editor (Hepatology)

Alexander Gerbes (Germany)

Deputy Editor (Luminal Gastroenterology)

William Grady (USA)

Deputy Editor (Endoscopy)

Thomas Rösch (Germany)

Associate Editors

Matias Avila (Spain)

Martin Blaser (USA)

Guy Boeckxstaens (Belgium)

Patrice Cani (Belgium)

Silvio Danese (Italy)

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

Twitter: @Gut_BMJ

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 © 2016 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 Techset 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

365 Real friends: *Faecalibacterium prausnitzii* supports mucosal immune homeostasis
M W Hornef, O Pabst

367 Next-generation metabolic imaging in pancreatic cancer
R F Braren, J T Siveke

369 Targeting TGR5 in cholangiocyte proliferation: default topic
C M P Rodrigues, H Moshage

Endoscopy news

371 A novel preplex X-ray imaging capsule for colon cancer screening

OPEN ACCESS *N Gluck, B Shpak, R Brun, T Rösch, N Arber, M Moshkowitz*

Guidelines

374 Endoscopy in patients on antiplatelet or anticoagulant therapy, including direct oral anticoagulants: British Society of Gastroenterology (BSG) and European Society of Gastrointestinal Endoscopy (ESGE) guidelines

A Veitch, G Vanbiervliet, T Gershlick, C Boustiere, T Baglin, L-A Smith, F Radaelli, E Knight, I M Gralnek, C Hassan, J-M Dumonceau

Oesophagus

390 A randomised, double-blind trial comparing budesonide formulations and dosages for short-term treatment of eosinophilic oesophagitis

OPEN ACCESS *S Miehleke, P Hruz, M Vieth, C Bussmann, U von Arnim, M Bajbouj, C Schlag, A Madisch, C Fibbe, H Wittenburg, H D Allescher, M Reinshagen, S Schubert, J Tack, M Müller, P Krummenerl, J Arts, R Mueller, K Dilger, R Greinwald, A Straumann*

Stomach

400 Detection of precancerous gastric lesions and gastric cancer through exhaled breath

H Amal, M Leja, K Funka, R Skapars, A Sivins, G Ancans, I Liepniece-Karele, I Kikuste, I Lasina, H Haick

Inflammatory bowel disease

408 Beyond endoscopic mucosal healing in UC: histological remission better predicts corticosteroid use and hospitalisation over 6 years of follow-up

R V Bryant, D C Burger, J Delo, A J Walsh, S Thomas, A von Herbay, O C Buchel, L White, O Brain, S Keshav, B F Warren, S P L Travis

415 Identification of an anti-inflammatory protein from *Faecalibacterium prausnitzii*, a commensal bacterium deficient in Crohn's disease

E Quévrain, M A Maubert, C Michon, F Chain, R Marquant, J Tailhades, S Miquel, L Carlier, L G Bermúdez-Humarán, B Pigneur, O Lequin, P Kharrat, G Thomas, D Rainteau, C Aubry, N Breyner, C Afonso, S Lavielle, J-P Grill, G Chassaing, J M Chatel, G Trugnan, R Xavier, P Langella, H Sokol, P Seksik

Gut microbiota

426 *Akkermansia muciniphila* and improved metabolic health during a dietary intervention in obesity: relationship with gut microbiome richness and ecology

EDITOR'S CHOICE *M C Dao, A Everard, J Aron-Wisnewsky, N Sokolovska, E Prifti, E O Verger, B D Kayser, F Levenez, J Chilloux, L Hoyles, MICRO-Obes Consortium, M-E Dumas, S W Rizkalla, J Doré, P D Cani, K Clément*

Endoscopy

437 Clinical and endoscopic predictors of cytological dysplasia or cancer in a prospective multicentre study of large sessile serrated adenomas/polyps

N G Burgess, M Pellise, K S Nanda, L F Hourigan, S A Zanati, G J Brown, R Singh, S J Williams, S C Rafiopoulos, D Ormonde, A Moss, K Byth, H P'Ng, D McLeod, M J Bourke

Neurogastroenterology

447 Diagnostic accuracy study of anorectal manometry for diagnosis of dyssynergic defecation

U Grossi, E V Carrington, A E Bharucha, E J Horrocks, S Mark Scott, C H Knowles

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://gut.bmj.com/site/about/guidelines.xhtml#open>



Member since 2008

JM00009

This journal is a member of and subscribes to the principles of the Committee on Publication Ethics <http://publicationethics.org/>



When you have finished with this magazine please recycle it.

Colon

- 456** The Thr300Ala variant in ATG16L1 is associated with improved survival in human colorectal cancer and enhanced production of type I interferon



W A Grimm, J S Messer, S F Murphy, T Nero, J P Lodolce, C R Weber, M F Logsdon, S Bartulis, B E Sylvester, A Springer, U Dougherty, T B Niewold, S S Kupfer, N Ellis, D Huo, M Bissonnette, D L Boone

Pancreas

- 465** MRI with hyperpolarised [^{13}C]pyruvate detects advanced pancreatic preneoplasia prior to invasive disease in a mouse model



E M Serrao, M I Kettunen, T B Rodrigues, P Dzien, A J Wright, A Gopinathan, F A Gallagher, D Y Lewis, K K Frese, J Almeida, W J Howat, D A Tuveson, K M Brindle

- 476** The acinar regulator Gata6 suppresses *Kras*^{G12V}-driven pancreatic tumorigenesis in mice

P Martinelli, F Madriles, M Cañamero, E Carrillo-de Santa Pau, N del Pozo, C Guerra, F X Real

Hepatology

- 487** TGR5 is essential for bile acid-dependent cholangiocyte proliferation in vivo and in vitro

M Reich, K Deutschmann, A Sommerfeld, C Klindt, S Kluge, R Kubitz, C Ullmer, W T Knoefel, D Herebian, E Mayatepek, D Häussinger, V Keitel

- 502** Serum viral duplex-linear DNA proportion increases with the progression of liver disease in patients infected with HBV

X-L Zhao, J-R Yang, S-Z Lin, H Ma, F Guo, R-F Yang, H-H Zhang, J-C Han, L Wei, X-B Pan

- 512** Chimeric antigen receptor (CAR)-engineered T cells redirected against hepatitis C virus (HCV) E2 glycoprotein



G A Sautto, K Wisskirchen, N Clementi, M Castelli, R A Diotti, J Graf, M Clementi, R Burioni, U Protzer, N Mancini

Recent advances in clinical practice

- 524** Proton pump inhibitor-responsive oesophageal eosinophilia: an entity challenging current diagnostic criteria for eosinophilic oesophagitis

J Molina-Infante, A J Bredenoord, E Cheng, E S Dellon, G T Furuta, S K Gupta, I Hirano, D A Katzka, F J Moawad, M E Rothenberg, A Schoepfer, S J Spechler, T Wen, A Straumann, A J Lucendo, From the PPI-REE Task Force of the European Society of Eosinophilic Oesophagitis (EUREOS)

JournalScan

- 532** GI highlights from the literature

M H McLean

PostScript

- 535** Letters

Poem

- 523** Guts and Love

S Danese

Editor's quiz: GI snapshot

- 399** An unusual cause of odynophagia

C Moreman, S Budihal, S Ubhi, J de Caestecker, C J Richards

Correction

- 531** Correction

Receive regular table of contents by email.
Register using this QR code.

