

Caption: The spectacular Twelve Apostles, along the beautiful Great Ocean Road, Victoria, Australia. See inside the excellent article by James et al from Melbourne, VIC. Australia.

An international journal of gastroenterology and hepatology Impact Factor: 13.319 Editor

Emad El-Omar (UK)

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 (Belguim) Thomas Gress (Germany) Arthur Kaser (UK) Ernst Kuipers (The Netherlands) Jake Liang (USA) Julian Panes (Spain) Herbert Tilg (Austria) Fabien Zoulim (France)

Editorial Office

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

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 © 2015 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

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

523 Boosting pigment epithelial-derived factor:



a promising approach for the treatment OPEN ACCESS of early portal hypertension

U Vespasiani-Gentilucci, K Rombouts

- Gastric bypass surgery in NASH: a major modulator of hepatic mitochondrial dysfunction F Baraille, S Guilmeau, C Postic
- Oral antiviral therapy for HBeAg negative chronic hepatitis B: better stop or continue? P Lampertico
- 528 Circulating tumour cells go green R M Hoffman

Leading article

Diagnosis and management of acute kidney 531 injury in patients with cirrhosis: revised



consensus recommendations of the International Club of Ascites P Angeli, P Gines, F Wong, M Bernardi, T D Boyer,

A Gerbes, R Moreau, R Jalan, S K Sarin, S Piano, K Moore, S S Lee, F Durand, F Salerno, P Caraceni, WR Kim, V Arroyo, G Garcia-Tsao

Oesophagus

538 Small intestinal permeability in patients with eosinophilic oesophagitis during active phase and remission

> D A Katzka, D M Geno, H E Blair, J L Lamsam, I A Alexander, M Camilleri

Stomach

544 CCK2R identifies and regulates gastric antral stem cell states and carcinogenesis

> Y Hayakawa, G Jin, H Wang, X Chen, CB Westphalen, S Asfaha, BW Renz, H Ariyama, Z A Dubeykovskaya, Y Takemoto, Y Lee, A Muley, Y Tailor, D Chen, S Muthupalani, J G Fox, A Shulkes, D L Worthley, S Takaishi, T C Wang

Helicobacter pylori

Progressive genomic convergence of two



Helicobacter pylori strains during mixed OPEN ACCESS infection of a patient with chronic gastritis

> Q Cao, X Didelot, Z Wu, Z Li, L He, Y Li, M Ni, Y You, X Lin, Z Li, Y Gong, M Zheng, M Zhang, J Liu, W Wang, X Bo, D Falush, S Wang, J Zhang

Inflammatory bowel disease

562 Abnormal fibre usage in UC in remission S L James, C T Christophersen, A R Bird, M A Conlon, O Rosella, P R Gibson, I G Muir Genome-wide association scan in north Indians reveals three novel HLA-independent risk loci for ulcerative colitis

> G Juval, S Negi, A Sood, A Gupta, P Prasad, S Senapati, I Zaneveld, S Singh, V Midha, S van Sommeren, R K Weersma, J Ott, S Jain, R C Juyal, B K Thelma

580 Early endoscopic, laboratory and clinical predictors of poor disease course in paediatric ulcerative colitis

> A Schechter, C Griffiths, J C Gana, R Shaoul, R Shamir, E Shteyer, T Bdolah-Abram, O Ledder, D Turner

The urokinase plasminogen activator receptor (uPAR) controls macrophage phagocytosis in intestinal inflammation

> M Genua, S D'Alessio, J Cibella, A Gandelli, E Sala, C Correale, A Spinelli, V Arena, A Malesci, S Rutella, V A Ploplis, S Vetrano, S Danese

Small bowel

601 Caspase-8 controls the gut response to microbial challenges by Tnf- α -dependent OPEN ACCESS and independent pathways

> C Günther, B Buchen, G-W He, M Hornef, N Torow, H Neumann, N Wittkopf, E Martini, M Basic, A Bleich, A J M Watson, M F Neurath, C. Becker

Neurogastroenterology

611 Preliminary report: modulation of parasympathetic nervous system tone influences oesophageal pain hypersensitivity C Botha, A D Farmer, M Nilsson, C Brock, A D Gavrila, A M Drewes, C H Knowles, Q Aziz

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



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

equator



Mechanisms of activation of mouse

and human enteroendocrine cells by nutrients

OPEN ACCESS EL Symonds, M Peiris, A J Page, B Chia, H Dogra, A Masding, V Galanakis, M Atiba, D Bulmer, R L Young, L A Blackshaw

GI cancer

627 Fluorescence virus-guided capturing system of human colorectal circulating tumour cells for non-invasive companion diagnostics

K Shigeyasu, H Tazawa, Y Hashimoto, Y Mori, M Nishizaki, H Kishimoto, T Nagasaka, S Kuroda, Y Urata, A Goel, S Kagawa, T Fujiwara

Colon

636 Novel recurrently mutated genes and a prognostic mutation signature in OPEN ACCESS COlorectal cancer

> J Yu, WKK Wu, X Li, J He, X-X Li, S S M Ng, C Yu, Z Gao, J Yang, M Li, Q Wang, Q Liang, Y Pan, J H Tong, K F To, N Wong, N Zhang, I Chen, Y Lu, P B S Lai, F K L Chan, Y Li, H-F Kung, H Yang, J Wang, J J Y Sung

Pancreas

646 Fucosyltransferase 2 (FUT2) non-secretor status and blood group B are associated with elevated serum lipase activity in asymptomatic subjects. and an increased risk for chronic pancreatitis: a genetic association study

> F U Weiss, C Schurmann, A Guenther, F Ernst, A Teumer, I Mayerle, P Simon, H Völzke, D Radke, A Greinacher, I-P Kuehn, M Zenker, U Völker, G Homuth, M M Lerch

Hepatology

657 Antiangiogenic and antifibrogenic activity of pigment epithelium-derived factor (PEDF) in bile duct-ligated portal hypertensive rats M Mejias, L Coch, A Berzigotti, E Garcia-Pras, J Gallego, J Bosch, M Fernandez

Treatment cessation of entecavir in Asian patients with hepatitis B e antigen negative chronic hepatitis B: a multicentre prospective

> W-K Seto, A I Hui, V W-S Wong, G L-H Wong, K S-H Liu, C-L Lai, M-F Yuen, H L-Y Chan

673 Roux-en-y gastric bypass attenuates hepatic mitochondrial dysfunction in mice with non-alcoholic steatohepatitis

> I Verbeek, M Lannoo, E Pirinen, D Ryu, P Spincemaille, I V Elst, P Windmolders, K Thevissen, B P A Cammue, J van Pelt, S Fransis, PV Eyken, CC-D Groote, PP V Veldhoven, P Bedossa, F Nevens, J Auwerx, D Cassiman

Editor's quiz: GI snapshot

610 Dyspepsia and weight loss in a 47-year-old man M Ramchandani, S Lakhtakia, D Galasso, T Baron, A Sekaran, D N Reddy

JournalScan

684 Gl highlights from the literature M H McLean

PostScript

Book review

687 Letters

