



Caption: Ancient red pavilion in the beautiful West Lake, Hangzhou, China

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 (Belgium)

Thomas Gress (Germany)

Arthur Kaser (UK)

Ernst Kuipers (The Netherlands)

Jake Liang (USA)

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: 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** © 2014 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

1833 Does suppression of HBV replication by antiviral therapy confer the same benefit as host immune control of HBV? S Yapali, A S Lok

1834 CCL2: a link between hepatic inflammation, fibrosis and angiogenesis? S Affò, P Sancho-Bru

1836 Histamine antagonism and postinflammatory visceral hypersensitivity M M Wouters

1837 Pathobiont hypnotises enterocytes to promote tumour development B Chassaing, A T Gewirtz

1838 The gut microbiota, dietary extremes and exercise G L Hold

1840 Linking hypoxia and iron homeostasis: a 'plate' full of factors V N Subramaniam, D F Wallace

Leading article

1843 Systematic review: monotherapy with antitumour necrosis factor  $\alpha$  agents versus combination therapy with an immunosuppressive for IBD P S Dulai, C A Siegel, J-F Colombel, W J Sandborn, L Peyrin-Biroulet

Original articles Oesophagus

1854 The stem cell organisation, and the proliferative and gene expression profile of Barrett's epithelium, replicates pyloric-type gastric glands D L Lavery, A M Nicholson, R Poulosom, R Jeffery, A Hussain, L J Gay, J A Jankowski, S S Zeki, H Barr, R Harrison, J Going, S Kadirkamanathan, P Davis, T Underwood, M R Novelli, M Rodriguez-Justo, N Shepherd, M Jansen, N A Wright, S A C McDonald

Stomach

1864 Double oral esomeprazole after a 3-day intravenous esomeprazole infusion reduces recurrent peptic ulcer bleeding in high-risk patients: a randomised controlled study H-C Cheng, C-T Wu, W-L Chang, W-C Cheng, W-Y Chen, B-S Sheu

Neurogastroenterology

1873 Histamine H4 and H1 receptors contribute to postinflammatory visceral hypersensitivity A Deiteren, J G De Man, N E Ruyssers, T G Moreels, P A Pelckmans, B Y De Winter

Mucosal immunity

1883 Prolactin mediates psychological stress-induced dysfunction of regulatory T cells to facilitate intestinal inflammation W Wu, M Sun, H-P Zhang, T Chen, R Wu, C Liu, G Yang, X-R Geng, B-S Feng, Z Liu, Z Liu, P-C Yang

Inflammatory bowel disease

1893  $\alpha$ -Haemolysin of Escherichia coli in IBD: a potentiator of inflammatory activity in the colon R Bücker, E Schulz, D Günzel, C Bojarski, I-F M Lee, L J John, S Wiegand, T Janßen, L H Wieler, U Dobrindt, L Beutin, C Ewers, M Fromm, B Siegmund, H Troeger, J-D Schulzke

1902 Involvement of interleukin-17A-induced expression of heat shock protein 47 in intestinal fibrosis in Crohn's disease Y Honzawa, H Nakase, M Shiokawa, T Yoshino, H Imaeda, M Matsuura, Y Kodama, H Ikeuchi, A Andoh, Y Sakai, K Nagata, T Chiba

Gut microbiota

1913 Exercise and associated dietary extremes impact on gut microbial diversity S F Clarke, E F Murphy, O O'Sullivan, A J Lucey, M Humphreys, A Hogan, P Hayes, M O'Reilly, I B Jeffery, R Wood-Martin, D M Kerins, E Quigley, R P Ross, P W O'Toole, M G Molloy, E Falvey, F Shanahan, P D Cotter

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>



COMMITTEE ON PUBLICATION ETHICS

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.

- 1921** Type I interferon signalling in the intestinal epithelium affects Paneth cells, microbial ecology and epithelial regeneration

*M Tschurtschenthaler, J Wang, C Fricke, T M J Fritz, L Niederreiter, T E Adolph, E Sarcevic, S Künzel, F A Offner, U Kalinke, J F Baines, H Tilg, A Kaser*

### Colon

- 1932** Bacterial genotoxin colibactin promotes colon tumour growth by inducing a senescence-associated secretory phenotype

*A Cougnoux, G Dalmasso, R Martinez, E Buc, J Delmas, L Gibold, P Sauvanet, C Darcha, P Déchelotte, M Bonnet, D Pezet, H Wodrich, A Darfeuille-Michaud, R Bonnet*

### Hepatology

- 1943** Patients with chronic hepatitis B treated with oral antiviral therapy retain a higher risk for HCC compared with patients with inactive stage disease

*J-Y Cho, Y-H Paik, W Sohn, H C Cho, G-Y Gwak, M S Choi, J H Lee, K C Koh, S W Paik, B C Yoo*

- 1951** Hypoxia induced downregulation of hepcidin is mediated by platelet derived growth factor BB

*T Sonnweber, D Nachbaur, A Schroll, M Nairz, M Seifert, E Demetz, D Haschka, A-M Mitterstiller, A Kleinsasser, M Burtscher, S Trübsbach, A T Murphy, V Wroblewski, D R Wücher, K Mleczko-Sanecka, C Vecchi, M U Muckenthaler, A Pietrangelo, I Theurl, G Weiss*

- 1960** CCL2-dependent infiltrating macrophages promote angiogenesis in progressive liver fibrosis

*J Ehling, M Bartneck, X Wei, F Gremse, V Fech, D Möckel, C Baeck, K Hittatiya, D Eulberg, T Luedde, F Kiessling, C Trautwein, T Lammers, F Tacke*

### Editor's quiz: GI snapshot

- 1979** A 75-year-old woman with multifocal jejunal strictures

*H Y Lee, G Howarth, R Willert*

### Recent advances in clinical practice

- 1972** Gastroparesis: separate entity or just a part of dyspepsia?

*V Stanghellini, J Tack*

### JournalScan

- 1980** GI highlights from the literature

*M H McLean*

### Correction

- 1978** Correction

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

