

Caption: The iconic Tokyo Tower Please see in this issue two excellent papers from Tokyo, Japan.

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

361 Salivary pepsin to diagnose GORD?

- **362** Viral entry inhibition: too late for hepatitis C, but promising for other viral infections I-M Pawlotsky
- 364 Association between antiviral treatment and extrahepatic outcomes in patients with hepatitis C virus infection

A I van der Meer

Leading article

367 ECM remodelling in IBD: innocent bystander **(a)**

or partner in crime? The emerging role of OPEN ACCESS extracellular molecular events in sustaining intestinal inflammation

> E Shimshoni, D Yablecovitch, L Baram, I Dotan, I Sagi

Oesophagus

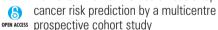
373 Pepsin in saliva for the diagnosis of gastro-oesophageal reflux disease [O Hayat, S Gabieta-Somnez, E Yazaki, J-Y Kang, A Woodcock, P Dettmar, J Mabary, CH Knowles, D Sifrim

Global incidence of oesophageal cancer by histological subtype in 2012

M Arnold, I Soerjomataram, J Ferlay, D Forman

Stomach

388 Demonstration of the usefulness of epigenetic





K Asada, T Nakajima, T Shimazu, N Yamamichi, T Maekita, C Yokoi, I Oda, T Ando, T Yoshida, S Nanjo, M Fujishiro, T Gotoda, M Ichinose, T Ushijima

Endoscopy

Scheduled second-look endoscopy is not recommended after endoscopic submucosal dissection for gastric neoplasms (the SAFE trial): a multicentre prospective randomised controlled non-inferiority trial

S Mochizuki, N Uedo, I Oda, K Kaneko, Y Yamamoto, T Yamashina, H Suzuki, S Kodashima, T Yano, N Yamamichi, O Goto, T Shimamoto, M Fujishiro, K Koike, and The SAFE Trial Study Group

Coeliac disease

406 The HLA-DQ2 genotype selects for early intestinal microbiota composition in infants at high risk of developing coeliac disease M Olivares, A Neef, G Castillejo, G De Palma, V Varea, A Capilla, F Palau, E Nova, A Marcos, I Polanco, C Ribes-Koninckx, L Ortigosa, L Izquierdo, Y Sanz

Neurogastroenterology

S Elsenbruch

418 Placebo analgesia in patients with functional and organic abdominal pain: a fMRI study in IBS, UC and healthy volunteers J Schmid, J Langhorst, F Gaß, N Theysohn, S Benson, H Engler, E R Gizewski, M Forsting,

Inflammatory bowel disease

- Diet-induced hypoxia responsive element demethylation increases CEACAM6 expression, favouring Crohn's disease-associated Escherichia coli colonisation I Denizot, A Desrichard, A Agus, N Uhrhammer,
 - N Dreux, V Vouret-Craviari, P Hofman, A Darfeuille-Michaud, N Barnich
- **438** Outcome measures for clinical trials in paediatric IBD: an evidence-based. expert-driven practical statement paper of the paediatric ECCO committee F M Ruemmele, J S Hyams, A Otley, A Griffiths, K-L Kolho, J A Dias, A Levine, J C Escher, I Taminiau, G Veres, I-F Colombel, S Vermeire, D C Wilson, D Turner
- **447** Faecal metabolite profiling identifies medium-chain fatty acids as discriminating compounds in IBD

V De Preter, K Machiels, M Joossens, I Arijs, C Matthys, S Vermeire, P Rutgeerts, K Verbeke

Gut microbiota

459 Commensal bacteria drive endogenous



transformation and tumour stem cell marker expression through a bystander effect

X Wang, Y Yang, M M Huycke

MORE CONTENTS ►



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

OPEN ACCESS

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



Hepatology

469 Effects of HDV infection and pegylated interferon α treatment on the natural killer cell compartment in chronically infected individuals S Lunemann, D F G Malone, J Grabowski, K Port, V Béziat, B Bremer, K-J Malmberg, M P Manns, J K Sandberg, M Cornberg, H-G Ljunggren, H Wedemeyer, N K Björkström

Synergy of entry inhibitors with direct-acting antivirals uncovers novel combinations for prevention and treatment of hepatitis C

F Xiao, I Fofana, C Thumann, L Mailly, R Alles, E Robinet, N Meyer, M Schaeffer, F Habersetzer, M Doffoël, P Leyssen, J Neyts, M B Zeisel, T F Baumert

495 Association between antiviral treatment and extrahepatic outcomes in patients with hepatitis C virus infection

Y-C Hsu, Hsiu J Ho, Y-T Huang, H-H Wang, M-S Wu, J-T Lin, C-Y Wu

Editor's quiz: GI snapshot

458 Abdominal pain following percutaneous mitral valve repair (MitraClip)

A Neesse, W Nimphius, M Schoppet,
T M Gress

Recent advances in basic science

MicroRNAs: new players in IBD

R Kalla, N T Ventham, N A Kennedy, J F Quintana, OPAN ACCESS E R Nimmo, A H Buck, J Satsangi

JournalScan

514 Gl highlights from the literature *M H McLean*

PostScript

516 Letters

