

Caption: Summer fruits and Georgia peaches See inside the Editor's Choice manuscript by Chassaing et al from Georgia State University, Atlanta, USA

An international journal of gastroenterology and hepatology

Impact Factor: 10.732 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) Julian Panes (Spain) Herbert Tilg (Austria)

Editorial Office

Fabien Zoulim (France)

BM.L.Journals

BMA House, Tavistock Square London, WC1H 9JR, UK

T: +44 (0)20 7383 6394 F: +44 (0)20 7383 6668

E: guteditorial@bmjgroup.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 © 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

1033 Beyond phase 3 registration trials: defining safety for triple therapy with protease inhibitors in cirrhosis

P Ferenci, G Dusheiko

1034 An intestinal arsonist: pathobiont ignites IBD and flees the scene

S Jellbauer, M Raffatellu

1035 Curcumin against hepatitis C virus infection: spicing up antiviral therapies with 'nutraceuticals'? E-I Pécheur

1038 ATG16L1 Crohn's disease risk stresses the endoplasmic reticulum of Paneth cells A Kaser, R S Blumberg

1039 Molecular targets for antifibrotic therapy in liver disease: using magic bullets for crossfire rather than a one-sided shotgun attack C Hellerbrand

Original articles Oesophagus

1042 In oesophageal squamous cells exposed to acidic bile salt medium, omeprazole inhibits IL-8 expression through effects on nuclear factor-κB and activator protein-1

X Huo, X Zhang, C Yu, Q Zhang, E Cheng, DH Wang, TH Pham, SJ Spechler, RF Souza

1053 Waist belt and central obesity cause partial hiatus hernia and short-segment acid reflux in asymptomatic volunteers

> Y Y Lee, A A Wirz, J G H Whiting, E V Robertson, D Smith, A Weir, A W Kelman, M H Derakhshan, K E L McColl

Stomach

1061 Multinational, double-blind, randomised, placebo-controlled, prospective study of esomeprazole in the prevention of recurrent peptic ulcer in low-dose acetylsalicylic acid users: the LAVENDER study

> K Sugano, M-G Choi, J-T Lin, S Goto, Y Okada, Y Kinoshita, H Miwa, C-E Chiang, T Chiba, M Hori, Y Fukushima, H-S Kim, C-Y Chang, M Date, on behalf of the LAVENDER Study Group

Inflammatory bowel disease

1069 AIEC pathobiont instigates chronic colitis in susceptible hosts by altering microbiota composition

> B Chassaing, O Koren, F A Carvalho, R E Ley, A T Gewirtz

1081 Genomic ATG16L1 risk allele-restricted Paneth cell ER stress in quiescent Crohn's disease [] Deuring, G M Fuhler, S R Konstantinov,

M P Peppelenbosch, E J Kuipers, C de Haar, C J van der Woude

1092 Development and validation of a rapid, generic measure of disease control from the patient's perspective: the IBD-Control questionnaire

K Bodger, C Ormerod, D Shackcloth, M Harrison, on behalf of the IBD Control Collaborative

Neurogastroenterology

1103 Genetic variants in *CDC42* and *NXPH1* as susceptibility factors for constipation and diarrhoea predominant irritable bowel syndrome M M Wouters, D Lambrechts, M Knapp, I Cleynen, P Whorwell, L Agréus, A Dlugosz, P T Schmidt, I Halfvarson, M Simrén, B Ohlsson, P Karling, S Van Wanroov, S Mondelaers, S Vermeire, G Lindberg, R Spiller, G Dukes, M D'Amato, G Boeckxstaens

Endoscopy

1112 A score to estimate the likelihood of detecting advanced colorectal neoplasia at colonoscopy

OPEN ACCESS MF Kaminski, MPolkowski, EKraszewska, M Rupinski, E Butruk, J Regula

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. OPEN ACCESS See http://gut.bmj.com/site/about/guidelines.xhtml#open

 $f{C} m{O} m{P} m{E}$ committee on publication ethics

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





Colon

- **1120** Chloride channel inhibition by a red wine extract and a synthetic small molecule prevents rotaviral secretory diarrhoea in neonatal mice Eun-A Ko, B-J Jin, W Namkung, T Ma, J R Thiagarajah, A S Verkman
- 1130 A validated tool to predict colorectal neoplasia and inform screening choice for asymptomatic subjects

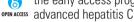
MCS Wong, TYTLam, KKFTsoi, HWHirai, V C W Chan, J Y L Ching, F K L Chan, J J Y Sung

Hepatology

1137 Turmeric curcumin inhibits entry of all hepatitis C virus genotypes into human liver cells

> Anggakusuma, C C Colpitts, L M Schang, H Rachmawati, A Frentzen, S Pfaender, P Behrendt, R J P Brown, D Bankwitz, J Steinmann, M Ott, P Meuleman, C M Rice, A Ploss, T Pietschmann, E Steinmann

1150 Safety and on-treatment efficacy of telaprevir: the early access programme for patients with



M Colombo, I Fernández, D Abdurakhmanov, P A Ferreira, S I Strasser, P Urbanek, C Moreno. A Streinu-Cercel, A Verheyen, W Iraqi, R DeMasi, A Hill, J M Läuffer, I Lonjon-Domanec, H Wedemeyer

1159 Jnk1 in murine hepatic stellate cells is a crucial mediator of liver fibrogenesis

> G Zhao, M Hatting, Y A. Nevzorova, J Peng, W Hu, M V Boekschoten, T Roskams, M Muller, N Gassler, C Liedtke, R J Davis, F J Cubero, C Trautwein

Recent advances in basic science

1173 Tracing PAKs from GI inflammation to cancer K Dammann, V Khare, C Gasche

Recent advances in clinical practice

1185 Symptomatic reflux disease: the present, the past and the future

OPEN ACCESS G Boeckxstaens, HB El-Serag, AJP M Smout, P J Kahrilas

Editor's quiz: GI snapshot

1194 Synchronous superficial spreading lesions of the stomach

T Namikawa, M Kobayashi, K Hanazaki

JournalScan

1195 Gl highlights from the literature M H McLean

PostScript

1197 Book review

1197 Letters

