

The beautiful landscape of Taipei, Taiwan Read in this issue the important Taipei Global Consensus report on Screening and eradication of Helicobacter pylori for gastric cancer prevention.

An international journal of gastroenterology and hepatology Impact Factor: 19.819 Editor

Emad El-Omar (Australia) **Deputy Editor (Hepatology)** Alexander Gerbes (Germany)

Deputy Editor (Luminal Gastroenterology) William Grady (USA) **Deputy Editor (Endoscopy)**

Thomas Rosch (Germany)

Associate Editors

Guy Boeckxstaens (Belguim) Patrice Cani (Belgium) Jean-Francois Dufour (Switzerland) Thomas Gress (Germany) Christian Jobin (USA) Arthur Kaser (UK) Ernst Kuipers (The Netherlands) Siew C Ng (Hong Kong) Francisco Real (Spain) Robert Thimme (Germany) Herbert Tilg (Austria) Fabien Zoulim (France)

Artificial Intelligence/ **Machine Learning Editor** Akbar Waljee (USA)

Statistics Editors Ruben Hernaez (USA) Susan Hutfless (USA)

Editorial Office

Gut **BMJ** Journals BMA House, Tavistock Square London, WC1H 9JR, UK E: info.gut@bmj.com ISSN: 0017-5749 (print) ISSN: 1468-3288 (online)

Disclaimer: The Editor of *Gut* has been granted editorial freedom and *Gut* is published in accordance with editorial guidelines issued by the World Association of Medical Editors and the Committee on Publication Ethics. Gut is primarily intended for healthcare professionals and its intended for healthcare professionals and its content is for information only. The Journal is published without any guarantee as to its accuracy or completeness and any representations or warranties are expressly excluded to the fullest extent permitted by law. Readers are advised to independently verify any information on which they choose to rely. Acceptance of advertising by Gut does not imply endorsement. Neither BSG nor BMJ Publishing Group Limited shall have any liability for any loss, injury or dramage howsnever arising from any loss, injury or damage howsoever arising from Gut (except for liability which cannot be legally excluded)

Copyright © 2020 BMJ Publishing Group Ltd and British Society of Gastroenterology. All rights reserved; no part of this publication may be reproduced in any form without permission. Gut is published by BMJ Publishing Group Ltd, typeset by Exeter Premedia Services Private Ltd, Chennai, India and printed in the UK on acid-free paper Gut is published by BMJ Publishing Group Ltd, typeset by Exeter Premedia Services Private Ltd, Chennai India and printed in the UK on acid-free paper

full and printed in the OK of add-inter paper Gut (ISSN: 0017-5749) (USPS 2278) is published bimonthy by BMJ Publishing Group Ltd, BMA House,Tavistock Square, WC1H 9JR London. Airfreight and mailing in the USA by agent named World Container Inc, 150-15, 183rd Street, Jamaica, NY 11413, USA. Periodicals postage paid at Brooklyn, NY 11256. US Postmaster: Send address changes Lo Cut Mirdd Container London 150-151, 1820 Charact to Gut, World Container Inc, 150-15, 183rd Street, Jamaica, NY 11413, USA. Subscription records are maintained at BMA House, Tavistock Square WC1H 9HR Lodnon. Air Business Ltd is acting as our mailing agent.

Contents

Commentary

2061 B protected: from vertical HCV transmission? K Zoldan, M Hofmann

Leading article

2063 Safely restarting GI endoscopy in the era of COVID-19 BH Hayee, M Thoufeeq, C J Rees, I Penman, J East

Endoscopy news

2071 The colonoscopic leakage model: a new

6 model to study the intestinal wound healing at OPEN ACCESS molecular level

R Bachmann, M Van Hul, D Leonard, N M Delzenne, A Kartheuser, P D Cani

Guidelines

2074 The management of adult patients with severe 6 chronic small intestinal dysmotility

OPEN ACCESS J M D Nightingale, P Paine, J McLaughlin, A Emmanuel, J E Martin, S Lal, on behalf of the Small Bowel and Nutrition Committee and the Neurogastroenterology and Motility Committee of the British Society of Gastroenterology

2093 Screening and eradication of *Helicobacter pylori* for gastric cancer prevention: the Taipei global

consensus

I-M Liou, P Malfertheiner, Y-C Lee, B-S Sheu, K Sugano, H-C Cheng, K-G Yeoh, P-I Hsu, K-L Goh, V Mahachai, T Gotoda, W-L Chang, M-J Chen, T-H Chiang, C-C Chen, C-Y Wu, A H-R Leow, J-Y Wu, D-C Wu, T-C Hong, H Lu, Y Yamaoka, F Megraud, F K L Chan, J JY Sung, J-T Lin, D Y Graham, M-S Wu, E M El-Omar, Asian Pacific Alliance on Helicobacter and Microbiota (APAHAM)

Stomach

2113 Helicobacter pylori eradication therapy to prevent gastric cancer: systematic review and meta-analysis A C Ford, Y Yuan, P Moayyedi

Gut microbiota

2122 Faecal virome transplantation decreases symptoms of type 2 diabetes and obesity in a murine model

- T S Rasmussen, C M J Mentzel, W Kot,
- J L Castro-Mejía, S Zuffa, J R Swann, L H Hansen, F K Vogensen, A K Hansen, D S Nielsen

2131 Aberrant gut microbiota alters host metabolome **(6)** and impacts renal failure in humans and rodents OPEN ACCESS

Volume 69 Issue 12 | GUT December 2020

X Wang, S Yang, S Li, L Zhao, Y Hao, J Qin, L Zhang, C Zhang, W Bian, L Zuo, X Gao, B Zhu, X G Lei, Z Gu, W Cui, X Xu, Z Li, B Zhu, Y Li, S Chen, H Guo, H Zhang, J Sun, M Zhang, Y Hui, X Zhang, X Liu, B Sun, L Wang, Q Qiu, Y Zhang, X Li, W Liu, R Xue, H Wu, D Shao, J Li, Y Zhou, S Li, R Yang, O B Pedersen, Z Yu, S D Ehrlich, F Ren

Nutrition

2143 Treatment of severe acute malnutrition with oat or standard ready-to-use therapeutic food: a triple-blind, randomised controlled clinical trial D T Hendrixson, C Godbout, A Los, M Callaghan-Gillespie, M Mui, D Wegner, T Bryant, A Koroma, M J Manary

Endoscopy

2150 Substantial and sustained improvement **6** of serrated polyp detection after a simple OPEN ACCESS educational intervention: results from a prospective controlled trial

A G C Bleijenberg, M E van Leerdam, M Bargeman, JJ Koornstra, YJ van Herwaarden, M CW Spaander, S Sanduleanu, B A J Bastiaansen, E J Schoon, N van Lelyveld, E Dekker, J E G IJspeert

2159 Adenoma detection by Endocuff-assisted versus standard colonoscopy in routine practice: a cluster-randomised crossover trial

D Karsenti, G Tharsis, B Perrot, P Cattan, G Tordjman, F Venezia, E Zrihen, D Gillot, A Gillet, C Hagege, J Samama, I Etienney, J-P Lab, B Guigui, I Zago, B Benkessou, P Burtin, M Cavicchi

MORE CONTENTS

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

This article has been made freely available online under the BMJ Journals open access scheme.

OPEN ACCESS See http://authors.bmj.com/open-access/

COPE Member since 2008

6

This journal is a member of and subscribes to the principles of the Committee on Publication Ethics

www.publicationethics.org.uk







Volume 69 Issue 12 | GUT December 2020

Colon

2165 Organoid cultures of early-onset colorectal cancers reveal distinct and rare genetic profiles *H H N Yan, H C Siu, S L Ho, S S K Yue, Y Gao, W Y Tsui, D Chan, A S Chan, J W H Wong, A H Y Man, B C H Lee, A S Y Chan, A K W Chan, H S Hui, A K L Cheung, W L Law, O S H Lo, S T Yuen, H Clevers, S Y Leune*

Pancreas

2180 N⁶-methyladenosine mRNA methylation of *PIK3CB* regulates AKT signalling to promote PTEN-deficient pancreatic cancer progression *J Tian, Y Zhu, M Rao, Y Cai, Z Lu, D Zou, X Peng, P Ying, M Zhang, S Niu, Y Li, R Zhong, J Chang, X Miao*

Hepatology

- **2193** Intestinal gluconeogenesis prevents obesity-linked liver steatosis and non-alcoholic fatty liver disease J Vily-Petit, M Soty-Roca, M Silva, M Raffin, A Gautier-Stein, F Rajas, G Mithieux
- **2203** Evidence for B cell maturation but not trained immunity in uninfected infants exposed to hepatitis C virus

A Lutckii, B Strunz, A Zhirkov, O Filipovich, E Rukoiatkina, D Gusev, Y Lobzin, B Fischler, S Aleman, M Sällberg, N K Björkström

2214 Discontinuation of nucleos(t)ide analogues is not associated with a higher risk of HBsAg seroreversion after antiviral-induced HBsAg seroclearance: a nationwide multicentre study

M A Kim, S U Kim, D H Sinn, J W Jang, Y-S Lim, S H Ahn, J-J Shim, Y S Seo, Y H Baek, S G Kim, Y S Kim, J H Kim, W H Choe, H J Yim, H W Lee, J H Kwon, S W Lee, J Y Jang, H Y Kim, Y Park, G-A Kim, H Yang, H A Lee, M Koh, Y-S Lee, M Kim, Y Chang, Y J Kim, J-H Yoon, F Zoulim, J-H Lee **2223** Population impact of direct-acting antiviral treatment on new presentations of hepatitis C-related decompensated cirrhosis: a national record-linkage study

S J Hutchinson, H Valerio, S A McDonald, A Yeung, K Pollock, S Smith, S Barclay, J F Dillon, R Fox, P Bramley, A Fraser, N Kennedy, R N Gunson, K Templeton, H Innes, A McLeod, A Weir, P C Hayes, D Goldberg

Recent advances in basic science

2232 Mucus barrier, mucins and gut microbiota: the expected slimy partners?

Recent advances in clinical practice

2244 Recent advances in clinical practice: colorectal cancer chemoprevention in the average-risk population N Chapelle, M Martel, E Toes-Zoutendijk, A N Barkun, M Bardou

JournalScan

2256 GI highlights from the literature *P J Smith*

PostScript

2259 Letters

Editor's quiz: GI snapshot

2070 Obscure GI bleeding in a young man *F Daniel, R Aoun, R Rammal*