

Romeo & Juliet! NAFLD, MASLD: what's in a name?? Read in this issue the excellent review by Targher et al on MASLD and its extrahepatic complications.

An international journal of gastroenterology and hepatology **Impact Factor: 24.5** 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-François Dufour (Switzerland) Thomas Gress (Germany) Christian Jobin (USA) Ernst Kuipers (The Netherlands) Markus Neurath (Germany) 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

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 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 independently venily any minimation of which with choose to rely. Acceptance of advertising by *Gut* does not imply endorsement. Neither *BSG* nor BMJ Publishing Group Limited shall have any liability any any loss, injury or damage howscever arising from *Gut* (except for liability which cannot be legally

Copyright © 2024 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, Chenn India and printed in the UK on acid-free paper Gut (ISSN: 0017-5749) (USPS 2278) is published bimonthly 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 11413, USA: Perilodicals postage paid at Brookiny NY 11256. USP Sostmasters: Send address changes 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

Commentaries

559 Inflammatory bowel diseases: are we ready to recommend a preventive diet for infants? A N Ananthakrishnan

Beyond a liver-gut focus: the evolution of gastroenterology and hepatology in challenging the obesity and steatotic liver disease paradiam P N Brennan, S Zelber-Sagi, A M Allen, J F Dillon, IV Lazarus

563 Clinical applications of circulating HBV RNA as a potential surrogate biomarker for intrahepatic cccDNA transcriptional activity

X Yu, M Pfefferkorn, F van Bömmel, X Zhang,

566 New facet of CARs: HBV-specific CARs as inhibitors of virus morphogenesis and release

OPEN ACCESS E Hildt, J Hu

Endoscopy news

6

568 ForePass endoscopic bypass device for obesity and insulin resistance—metabolic treatment in a swine model

> G Angelini, M Galvao Neto, I Boskoski, M E Caristo, S Russo, L Proto, E Previti, L Olsson, H Aggarwal, S Pezzica, E Ferrari, V Bove, A Genco, S Bornstein, V Tremaroli, A Gastaldelli, G Mingrone

Leading article

573 Thyroid hormone receptor-beta agonists: new MASLD therapies on the horizon CD Byrne, G Targher, H Tilg

Oesophagus

582 10-year follow-up results of the European Achalasia Trial: a multicentre randomised controlled trial comparing pneumatic dilation with laparoscopic Heller myotomy

> G Boeckxstaens, S Elsen, A Belmans, V Annese, A I Bredenoord, O R Busch, M Costantini, U Fumagalli, A J P M Smout, J Tack, T Vanuytsel, G Zaninotto, R Salvador

Inflammatory bowel disease

6

590 Early-life diet and risk of inflammatory bowel disease: a pooled study in two Scandinavian birth cohorts

A Guo, J Ludvigsson, A L Brantsæter, S Klingberg, M Östensson, K Størdal, K Mårild

601 ATP citrate lyase (ACLY)-dependent immunometabolism in mucosal T cells drives experimental colitis in vivo

> A Schulz-Kuhnt, K Rühle, A Javidmehr, M Döbrönti, J Biwank, S Knittel, P Neidlinger, J Leupold, L-J Liu, M Dedden, R V Taudte, A Gessner, M F Fromm, D Mielenz, L Kreiss, M J Waldner, S Schürmann, O Friedrich, B Dietel, R López-Posadas, C Plattner, The TRR241 IBDome Consortium, S Zundler, C Becker, R Atreva, M F Neurath, I Atreva

Endoscopy

613 Unveiling 8 years of duodenoscope contamination: insights from a retrospective analysis in a large tertiary care hospital

K van der Ploeg, C P Haanappel, A F Voor in 't holt, W de Groot, A J C Bulkmans, N S Erler, BCGC Mason-Slingerland, JA Severin, MC Vos, M I Bruno

Colon

622 Blood-based colorectal cancer screening in an integrated health system: a randomised trial of patient adherence

> G D Coronado, C L Jenkins, E Shuster, C Johnson, D Amy, J Cook, S Sahnow, J M Zepp, R Mummadi

Pancreas

629 Revisiting the performance of cyst fluid carcinoembryonic antigen as a diagnostic marker for pancreatic mucinous cysts: a comprehensive 20-year institutional review M C Kwan, M B Pitman, C Fernandez-del Castillo, M L Zhang

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://authors.bmj.com/open-access/



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

www.publicationethics.org





Protein biomarkers and alternatively methylated cell-free DNA detect early stage pancreatic cancer

R Ben-Ami, Q-L Wang, J Zhang, J G Supplee, J F Fahrmann, R Lehmann-Werman, L K Brais, J Nowak, C Yuan, M Lofius, A Babic, E Irajizad, T Davidi, A Zick, A Hubert, D Neiman, S Piyanzin, O Gal-Rosenberg, A Horn, R Shemer, B Glaser, N Boos, K Jajoo, L Lee, T E Clancy, D A Rubinson, K Ng, J A Chabot, F Kastrinos, M Kluger, A J Aguirre, P A Jänne, N Bardeesy, B Stanger, M H O'Hara, J Till, A Maitra, E L Carpenter, A J Bullock, J Genkinger, S M Hanash, C P Paweletz, Y Dor, B M Wolpin

Hepatology

Non-linear association of baseline viral load with on-treatment hepatocellular carcinoma risk in chronic hepatitis B

W-M Choi, G-A Kim, J Choi, G H Choi, Y B Lee, D H Sinn, Y-S Lim



Quantification of circulating HBV RNA expressed from intrahepatic cccDNA in untreated and NUC treated patients with chronic hepatitis B

B Testoni, C Scholtès, M-L Plissonnier, A Paturel, F Berby, F Facchetti, F Villeret, E Degasperi, B Scott, A Hamilton, M Heil, P Lampertico, M Levrero, F Zoulim

668 Chimeric antigen receptors of HBV envelope proteins inhibit hepatitis B surface antigen secretion

Y Wang, Q Li, C Li, C Wang, S Wang, W Yuan, D Yu, K Zhang, B Shi, X Chen, T Liu, Z Yuan, S Tong, M Nassal, Y-M Wen, Y-X Wang 682 Endoscopic variceal ligation versus propranolol for the primary prevention of oesophageal variceal bleeding in patients with hepatocellular carcinoma: an open-label, two-centre, randomised controlled trial

T-C Yang, W-C Chen, M-C Hou, P-H Chen, P-C Lee, C-Y Chang, H-S Lu, Y-J Chen, S-J Hsu,

H-C Huang, J-C Luo, Y-H Huang, F-Y Lee

Recent advances in clinical practice



MASLD: a systemic metabolic disorder with cardiovascular and malignant complications *G Targher*, *C D Byrne*, *H Tilg*

JournalScan

703 Gl highlights from the literature *P J Smith*

PostScript

706 Letters



Editor's quiz: GI snapshot

Fatal intestinal disease: a case of recurrent lower gastrointestinal bleeding *C Dai, Y Huang*

Electronic page

e7 SARS-CoV-2 and the liver: clinical and immunological features in chronic liver disease