



Commentary

1809 Microsatellite instability/mismatch repair deficiency in pancreatic cancers: the same or different? C Luchini, R C Grant, A Scarpa, S Gallinger

Endoscopy news

1812 Transcolonic endoscopic appendectomy: a novel natural orifice transluminal endoscopic surgery (NOTES) technique for the sessile serrated lesions involving the appendiceal orifice T Chen, A Xu, J Lian, Y Chu, H Zhang, M Xu

Helicobacter pylori

1815 Helicobacter pylori resistance to antibiotics in Europe in 2018 and its relationship to antibiotic consumption in the community F Megraud, R Bruyndonckx, S Coenen, L Wittkop, T-D Huang, M Hoebeke, L Bénéjat, P Lehours, H Goossens, Y Glupczynski, The European Helicobacter pylori Antimicrobial Susceptibility Testing Working Group

Stomach

1823 Spatial profiling of gastric cancer patient-matched primary and locoregional metastases reveals principles of tumour dissemination R Sundar, D HW Liu, G GA Hutchins, HL Slaney, A NS Silva, J Oosting, J D Hayden, L C Hewitt, C CY Ng, A Mangalvedhekar, S B Ng, I BH Tan, P Tan, H I Grabsch

1833 Iqgap3-Ras axis drives stem cell proliferation in the stomach corpus during homeostasis and repair J Matsuo, D Douchi, K Myint, N N Mon, A Yamamura, K Kohu, D L Heng, S Chen, N A Mawan, N Nuttonmanit, Y Li, S Srivastava, S W T Ho, N Y S Lee, H K Lee, M Adachi, A Tamura, J Chen, H Yang, M Teh, J B-Y So, W P Yong, P Tan, K G Yeoh, L S H Chuang, S Tsukita, Y Ito

Bariatric surgery

1847 Serum glucose excretion after Roux-en-Y gastric bypass: a potential target for diabetes treatment I G Kwon, C W Kang, J-P Park, J H Oh, E K Wang, T Y Kim, J S Sung, N Park, Y J Lee, H-J Sung, E J Lee, W J Hyung, S-J Shin, S H Noh, M Yun, W J Kang, A Cho, C R Ku

Inflammatory bowel disease

1857 NAIL: an evolutionarily conserved lncRNA essential for licensing coordinated activation of p38 and NFκB in colitis S C Akemcilar, L Wu, Q F NG, J Y H Chua, B Unal, T Noda, W H J Chor, M Ikawa, V Tergaonkar

1872 Bacterial O-GlcNAcase genes abundance decreases in ulcerative colitis patients and its administration ameliorates colitis in mice X He, J Gao, L Peng, T Hu, Y Wan, M Zhou, P Zhen, H Cao

1884 Infliximab is associated with attenuated immunogenicity to BNT162b2 and ChAdOx1 nCoV-19 SARS-CoV-2 vaccines in patients with IBD N A Kennedy, S Lin, J R Goodhand, N Chanchlani, B Hamilton, C Bewshea, R Nice, D Chee, J R F Cummings, A Fraser, P M Irving, N Kamperidis, K B Kok, C A Lamb, J Macdonald, S Mehta, R CG Pollok, T Raine, P J Smith, A M Verma, S Jochum, T J McDonald, S Sebastian, C W Lees, N Powell, T Ahmad, Contributors to the CLARITY IBD study

Pancreas

1894 Clinical and genomic characterisation of mismatch repair deficient pancreatic adenocarcinoma R C Grant, R Denroche, G H Jang, K M Nowak, A Zhang, A Borgida, S Hoher, J T Topham, J Wilson, A Dodd, R Jang, R Prince, J M Karasinska, D F Schaeffer, Y Wang, G Zogopoulos, S Berry, D Simeone, D J Renouf, F Notta, G O'Kane, J Knox, S Fischer, S Gallinger

MORE CONTENTS ►

The magnificent Column of the Girondins memorial in Bordeaux, France. Read in this issue the important paper by Megraud et al reporting Helicobacter pylori resistance to antibiotics in Europe and its relationship to antibiotic consumption in the community.

An international journal of gastroenterology and hepatology Impact Factor: 23.059 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 Boeckstaens (Belgium) Patrice Cani (Belgium) Jean-Francois 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 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 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 damage howsoever arising from Gut (except for liability which cannot be legally excluded).

Copyright © 2021 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 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 11256. US Postmaster: 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 London. Air Business Ltd is acting as our mailing agent. WC1H 9HR London. Air Business Ltd is acting as our mailing agent.

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



Gut: first published as on 1 October 2021. Downloaded from http://gut.bmj.com/ on April 28, 2024 by guest. Protected by copyright.

1904 Immune landscape, evolution, hypoxia-mediated viral mimicry pathways and therapeutic potential in molecular subtypes of pancreatic neuroendocrine tumours



K Young, R T Lawlor, C Ragulan, Y Patil, A Mafficini, S Bersani, D Antonello, D Mansfield, S Cingarlini, L Landoni, A Pea, C Luchini, L Piredda, N Kannan, G Nyamundanda, D Morganstein, I Chau, B Wiedenmann, M Milella, A Melcher, D Cunningham, N Starling, A Scarpa, A Sadanandam

COVID-19

1914 COVID-19 in liver transplant candidates: pretransplant and post-transplant outcomes - an ELITA/ELTR multicentre cohort study

L S Belli, C Duvoux, P A Cortesi, R Facchetti, S Iacob, G Perricone, S Radenne, S Conti, D Patrono, G Berlakovich, A Hann, L Pasulo, L Castells, F Faitot, O Detry, F Invernizzi, G Magini, P De Simone, I Kounis, M C Morelli, F Díaz Fontenla, B-G Ericzon, C Loinaz, C Johnston, L Gheorghie, M Lesurtel, R Romagnoli, D Kollmann, M T PR Perera, S Fagiuoli, D Mirza, A Coilly, C Toso, K Zieniewicz, L Ellerief, V Karam, R Adam, C den Hoed, M Merli, M Puoti, L De Carlis, G C Oniscu, S Piano, P Angeli, C Fondevila, W G Polak, for all the centres contributing to the ELITA-ELTR COVID-19 Registry

1925 Liver function test abnormalities at hospital admission are associated with severe course of SARS-CoV-2 infection: a prospective cohort study



S Weber, J C Hellmuth, C Scherer, M Muenchhoff, J Mayerle, A L Gerbes

Hepatology

1933 ATF4 activation promotes hepatic mitochondrial dysfunction by repressing NRF1–TFAM signalling in alcoholic steatohepatitis

L Hao, W Zhong, H Dong, W Guo, X Sun, W Zhang, R Yue, T Li, A Griffiths, A R Ahmadi, Z Sun, Z Song, Z Zhou

1946 MRE combined with FIB-4 (MEFIB) index in detection of candidates for pharmacological treatment of NASH-related fibrosis

J Jung, R R Loomba, K Imajo, E Madamba, S Gandhi, R Bettencourt, S Singh, C Hernandez, M A Valasek, C Behling, L Richards, K Fowler, C B Sirlin, A Nakajima, R Loomba

1954 Sphingomyelin synthase 1 mediates hepatocyte pyroptosis to trigger non-alcoholic steatohepatitis



E H Koh, J E Yoon, M S Ko, J Leem, J-Y Yun, C H Hong, Y K Cho, S E Lee, J E Jang, J Y Baek, H J Yoo, S J Kim, C O Sung, J S Lim, W-I Jeong, S H Baek, I-J Baek, S Torres, E Solsona-Vilarrasa, L Conde de la Rosa, C Garcia-Ruiz, A E Feldstein, J C Fernandez-Checa, K-U Lee

1965 High-affinity neoantigens correlate with better prognosis and trigger potent antihepatocellular carcinoma (HCC) activity by activating CD39⁺CD8⁺ T cells



T Liu, J Tan, M Wu, W Fan, J Wei, B Zhu, J Guo, S Wang, P Zhou, H Zhang, L Shi, J Li

Recent advances in basic science

1978 Calprotectin: from biomarker to biological function



A Jukic, L Bakiri, E F Wagner, H Tilg, T E Adolph

Recent advances in clinical practice

1989 Recent advances in clinical practice: epidemiology of autoimmune liver diseases

P J Trivedi, G M Hirschfield

JournalScan

2004 GI highlights from the literature

P J Smith

PostScript

2007 Letters

Editor's quiz: GI snapshot

1924 Diet-refractory NASH in an elderly woman

P Manka, H A Baba, H Wedemeyer, A Kahraman

Electronic page

e7 Correction: *The putative tumour suppressor microRNA-124 modulates hepatocellular carcinoma cell aggressiveness by repressing ROCK2 and EZH2*