

Nymphenburg Castle, a beautiful example of Baroque splendour in Munich, Bavaria. Read in this issue the novel and exciting work by Ralser *et al* on how Helicobacter pylori infection promotes colorectal carcinogenesis.

An international journal of gastroenterology and hepatology Impact Factor: 31.795 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

Matias A Avila (Spain) Guy Boeckxstaens (Belguim) Michael Camilleri (USA) Patrice Cani (Belgium) Jean-Francois Dufour (Switzerland) Thomas Gress (Germany) Christian Jobin (USA) Julia Mayerle (Germany) 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) Mingyang Song (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. Nether *BSC* 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** © 2023 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* (spublished by BMJ Publishing Group Ltd, typeset by Exeter Premedia Services Private Ltd, Chennai, India and printed in the UK on acid-free paper *Gut* (SINS): con17-5749) (USPS 2278) is published bimonthy by BMJ Publishing Group Ltd, BMA House, Favistock Square, WC1H JBA London. Airfreight and mailing in the USA by agent named World Container Inc, 150-15, 183rd Street, Jamaica, NY 1143, USA. Periodicals postage paid at Brooklyn, NY 1126, U

Contents

Commentaries

1233 Going deeper: molecular inflammatory scores in IBD I C Lee

1235 Disentangling tryptophan metabolism in inflammatory bowel diseases *C Becker, T E Adolph*

1236 Proton pump inhibitors and the risk of inflammatory bowel disease: cause, protopathic bias or others?

1238 Time to consider a holistic approach to the treatment of non-alcoholic fatty liver disease in obese young people? *CD Byrne, G Targher*

Guideline

 Joint Asian Pacific Association of Gastroenterology (APAGE)–Asian Pacific
Society of Digestive Endoscopy (APSDE) clinical practice guidelines on the use of non-invasive biomarkers for diagnosis of colorectal neoplasia F K L Chan, M C S Wong, A T Chan, J E East, H-M Chiu, G K Makharia, D Weller, C J Ooi, J Limsrivilai, Y Saito, D V Hang, J D Emery, D Makmun, K Wu, R A R Ali, S C Ng

Endoscopy news

1255 Standardisation of EUS-guided FNB technique for molecular profiling in pancreatic cancer: results of a randomised trial

J Y Bang, N Jhala, A Seth, K Krall, U Navaneethan, R Hawes, C M Wilcox, S Varadarajulu

Helicobacter pylori

1258 *Helicobacter pylori* promotes colorectal carcinogenesis by deregulating intestinal

 immunity and inducing a mucus-degrading microbiota signature

A Ralser, A Dietl, S Jarosch, V Engelsberger, A Wanisch, K P Janssen, M Middelhoff, M Vieth, M Quante, D Haller, D H Busch, L Deng,

R Mejías-Luque, M Gerhard

Inflammatory bowel disease

1271 Biopsy and blood-based molecular biomarker of inflammation in IBD

C Argmann, R Hou, R C Ungaro, H Irizar, Z Al-Taie, R Huang, R Kosoy, S Venkat, W-M Song, A F Di'Narzo, B Losic, K Hao, L Peters, P H Comella, G Wei, A Atreja, M Mahajan, A Iuga, P T Desai, P Branigan, A Stojmirovic, J Perrigoue, C Brodmerkel, M Curran, J R Friedman, A Hart, E Lamousé-Smith, J Wehkamp, S Mehandru, E E Schadt, B E Sands, M C Dubinsky, J-F Colombel, A Kasarskis, M Suárez-Fariñas

1288 Proton pump inhibitors and the risk of inflammatory bowel disease: population-based cohort study

D Abrahami, R Pradhan, H Yin, R Yanofsky, E G McDonald, A Bitton, L Azoulay

1296 Rewiring the altered tryptophan metabolism as a novel therapeutic strategy in inflammatory bowel diseases

C Michaudel, C Danne, A Agus, A Magniez, A Aucouturier, M Spatz, A Lefevre, J Kirchgesner, N Rolhion, Y Wang, A Lavelle, C Galbert, G Da Costa, M Poirier, A Lapière, J Planchais, P Nádvorník, P Illes, C Oeuvray, L Creusot, M-L Michel, N Benech, A Bourrier, I Nion-Larmurier, C Landman, M L Richard, P Emond, P Seksik, L Beaugerie, R R Arguello, D Moulin, S Mani, Z Dvorák, L G Bermúdez-Humarán, P Langella, H Sokol

Gut microbiota

1308 Acetyltransferase from *Akkermansia muciniphila* blunts colorectal tumourigenesis by reprogramming tumour microenvironment *Y Jiang, Y Xu, C Zheng, L Ye, P Jiang, S Malik, G Xu, Q Zhou, M 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.

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

COPE

6

This journal is a member of and subscribes to the principles of the Committee on Publication Ethics $\label{eq:commutation}$

www.publicationethics.org



Volume 72 Issue 7 | **GUT** July 2023

Colon

1319 Impact of delayed screening invitations on

screen-detected and interval cancers in the
Dutch colorectal cancer screening programme:
individual-level data analysis

E Toes-Zoutendijk, L de Jonge, C A van Iersel, M C W Spaander, A J van Vuuren, F van Kemenade, C R Ramakers, E Dekker, I D Nagetaal, M E van Leerdam, I Lansdorp-Vogelaar

1326 Transcriptomic and immunophenotypic profiling reveals molecular and immunological hallmarks of colorectal cancer tumourigenesis

J Roelands, M van der Ploeg, M E Ijsselsteijn, H Dang, J J Boonstra, J C H Hardwick, L J A C Hawinkels, H Morreau, N F C C de Miranda

Pancreas

1340 Preclinical mouse model of a misfolded PNLIP variant develops chronic pancreatitis

G Zhu, S J Wilhelm, L G George, B M Cassidy, S Zino, C J Luke, M Hanna, S Stone, N Phan, N Matiwala, S J Ballentine, M E Lowe, X Xiao

1355 Activated regulatory T-cells promote duodenal

bacterial translocation into necrotic areas in severe acute pancreatitis

J Glaubitz, A Wilden, F Frost, S Ameling, G Homuth, H Mazloum, M C Rühlemann, C Bang, A A Aghdassi, C Budde, T Pickartz, A Franke, B M Bröker, U Voelker, J Mayerle, M M Lerch, F-U Weiss, M Sendler

Hepatology

1370 S100A10 promotes HCC development and

progression via transfer in extracellular vesicles and regulating their protein cargos X Wang, H Huang, K M-F Sze, J Wang, L Tian, J Lu, Y-M Tsui, H T Ma, E Lee, A Chen, J Lee, Y Wang, J W P Yam, T-T Cheung, X Guan, I O-L Ng **1385** Randomised phase 2 study (JADE) of

the HBV capsid assembly modulator JNJ-56136379 with or without a nucleos(t) ide analogue in patients with chronic hepatitis B infection

H L A Janssen, J Hou, T Asselah, H L Y Chan, F Zoulim, Y Tanaka, E Janczewska, R G Nahass, S Bourgeois, M Buti, P Lampertico, O Lenz, T Verbinnen, J Vandenbossche, W Talloen, R Kalmeijer, M Beumont, M Biermer, U Shukla

1399 Diagnostic accuracy of FibroScan-AST (FAST) score for the non-invasive identification of patients with fibrotic non-alcoholic steatohepatitis: a systematic review and meta-analysis *F Ravaioli, E Dajti, A Mantovani, P N Newsome, G Targher, A Colecchia*

Recent advances in basic science

1410 Fungi and cancer A Saftien, J Puschhof, E Elinav

JournalScan

1426 GI highlights from the literature *PJ Smith*

PostScript

1428 Letters

Editor's quiz: GI snapshot

1254 Sudden onset of multiple seborrhoeic keratoses in a patient with well-differentiated neuroendocrine tumours of the gut V Schmidt, R Blum, M Möhrenschlager Gut: first published as on 1 July 2023. Downloaded from http://gut.bmj.com/ on September 19, 2024 by guest. Protected by copyright