

The magnificent Singapore night skyline. See inside the important paper by Chen *et al* reporting the development of a new patient-derived xenograft humanized mouse model.

An international journal of gastroenterology and hepatology

Impact Factor: 17.016

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 Avila (Spain)

Guy Boeckxstaens (Belgium)

Patrice Cani (Belgium)

Jean-Francois Dufour (Switzerland)

Thomas Gress (Germany)

Arthur Kaser (UK)

Ernst Kuipers (The Netherlands)

Siew C Ng (Hong Kong)

Herbert Tilg (Austria)

Fabien Zoulim (France)

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: 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 © 2018 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 Exeter Premedia Services Private Ltd, Chennai, India 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.

Contents

Volume 67 Issue 10 | GUT October 2018

Commentaries

1749 Targeting toll-like receptor 7/8 improves host anti-infective response in alcoholic cirrhosis
E Albano, F Stickel

1751 Serrated pathway: a paradigm shift in CRC prevention
E Dekker, J E G IJspeert

1753 Dynamic human immune and tumour cells cross-talk in PDX-humanised mice warrants checkpoint inhibitor cancer immunotherapies assessment
N Poirier, B Vanhove

Endoscopy news

1755 Novel device for measuring polyp size: an ex vivo animal study
O Goldstein, O Segol, S A Cross, H Jacob, P D Siersema

Guidelines

1757 Asia-Pacific working group consensus on non-variceal upper gastrointestinal bleeding: an update 2018
J JY Sung, P CY Chiu, F K L Chan, J YW Lau, K Goh, L HY Ho, H Jung, J D Sollano, T Gotoda, N Reddy, R Singh, K Sugano, K Wu, C-Y Wu, D J Bjorkman, D M Jensen, E J Kuipers, A Lanas

Oesophagus

1769 Identification of distinct mutational patterns and new driver genes in oesophageal squamous cell carcinomas and adenocarcinomas
D-C Lin, H Q Dinh, J-J Xie, A Mayakonda, T C Silva, Y-Y Jiang, L-W Ding, J-Z He, X-E Xu, J-J Hao, M-R Wang, C Li, L-Y Xu, E-M Li, B P Berman, H P Koeffler

1780 Mapping genetic vulnerabilities reveals BTK as a novel therapeutic target in oesophageal cancer
I Y Chong, L Aronson, H Bryant, A Gulati, J Campbell, R Elliott, S Pettitt, P Wilkeerson, M B Lambros, J S Reis-Filho, A Ramessur, M Davidson, I Chau, D Cunningham, A Ashworth, C J Lord

Helicobacter pylori

1793 Pan-genomic analyses identify key *Helicobacter pylori* pathogenic loci modified by carcinogenic host microenvironments
J M Noto, A Chopra, J T Loh, J Romero-Gallo, M B Piazuelo, M Watson, S Leary, A C Beckett, K T Wilson, T L Cover, S Mallal, D A Israel, R M Peek

Endoscopy

1805 Therapeutic endoscopy-related GI bleeding and thromboembolic events in patients using warfarin or direct oral anticoagulants: results from a large nationwide database analysis
N Nagata, H Yasunaga, H Matsui, K Fushimi, K Watanabe, J Akiyama, N Uemura, R Niikura

Mucosal immunity

1813 NAD metabolism fuels human and mouse intestinal inflammation
R R Gerner, V Klepsch, S Macheiner, K Arnhard, T E Adolph, C Grander, V Wieser, A Pfister, P Moser, N Hermann-Kleiter, G Baier, H Oberacher, H Tilg, A R Moschen

Inflammatory bowel disease

1824 Phase II evaluation of anti-MAdCAM antibody PF-00547659 in the treatment of Crohn's disease: report of the OPERA study
W J Sandborn, S D Lee, D Tarabar, E Louis, M Klopocka, J Klaus, W Reinisch, X Hébuterne, D-I Park, S Schreiber, S Nayak, A Ahmad, A Banerjee, L S Brown, F Cataldi, K J Gorelick, J B Cheng, M Hassan-Zahrae, R Clare, G R D'Haens

Microbiome

1836 Card9 mediates susceptibility to intestinal pathogens through microbiota modulation and control of bacterial virulence
B Lamas, M-L Michel, N Waldschmitt, H-P Pham, V Zacharioudaki, L Dupraz, M Delacre, J M Natividad, G D Costa, J Planchais, B Sovran, C Bridonneau, A Six, P Langella, M L Richard, M Chamaillard, H Sokol

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/>



Member since 2008



This journal is a member of and subscribes to the principles of the Committee on Publication Ethics www.publicationethics.org.uk



When you have finished with this magazine please recycle it.

Gut: first published as on 1 October 2018. Downloaded from <http://gut.bmj.com/> on September 26, 2023 by guest. Protected by copyright.

GI cancer

- 1845** Development of a new patient-derived xenograft humanised mouse model to study human-specific tumour microenvironment and immunotherapy
 
Y Zhao, T W H Shuen, T B Toh, X Y Chan, M Liu, S Y Tan, Y Fan, H Yang, S G Lyer, G K Bonney, E Loh, K T E Chang, T C Tan, W Zhai, J K Y Chan, E K-H Chow, C E Chee, G H Lee, Y Y Dan, P K-H Chow, H C Toh, S G Lim, Q Chen

Pancreas

- 1855** Genome-wide association study identifies inversion in the *CTRB1-CTRB2* locus to modify risk for alcoholic and non-alcoholic chronic pancreatitis

J Rosendahl, H Kirsten, E Hegyi, P Kovacs, F U Weiss, H Laumen, P Lichtner, C Ruffert, J-M Chen, E Masson, S Beer, C Zimmer, K Seltam, H Algül, F Bühler, M J Bruno, P Bugert, R Burkhardt, G M Cavestro, H Cichoz-Lach, A Farré, J Franke, G Gambaro, S Gimpfl, H Grallert, H Griesmann, R Grützmann, C Hellerbrand, P Hegyi, M Hollenbach, S Iordache, G Jurkowska, V Keim, F Kiefer, S Krug, O Landt, M D Leo, M M Lerch, P Lévy, M Löffler, M Löhr, M Ludwig, M Macek, N Malats, E Malecka-Panas, G Malerba, K Mann, J Mayerle, S Mohr, R H M te Morsche, M Motyka, S Mueller, T Müller, M M Nöthen, S Pedrazzoli, S P Pereira, A Peters, R Pfützner, F X Real, V Rebours, M Ridinger, M Rietschel, E Rösmann, A Safioiu, A Schneider, H-U Schulz, N Soranzo, M Soyka, P Simon, J Skipworth, F Stickel, K Sirauch, M Stumvoll, P A Testoni, A Tönjes, L Werner, J Werner, N Wodarz, M Ziegler, A Masamune, J Mössner, C Férec, P Michl, J P H Drenth, H Witt, M Scholz, M Sahin-Tóth, On behalf of all members of the PanEuropean Working group on ACP

Hepatology

- 1864** A novel prognostic model for transplant-free survival in primary sclerosing cholangitis

E M de Vries, J Wang, K D Williamson, M M Leeflang, K Boonstra, R K Weersma, U Beuers, R W Chapman, R B Geskus, C Y Ponsioen
- 1870** Bacterial and fungal infections in acute-on-chronic liver failure: prevalence, characteristics and impact on prognosis
J Fernández, J Acevedo, R Wiest, T Gustot, A Amoros, C Deulofeu, E Reverter, J Martínez, F Saliba, R Jalan, T Welzel, M Pavesi, M Hernández-Tejero, P Ginès, V Arroyo, The European Foundation for the Study of Chronic Liver Failure
- 1881** Suppressed hepatic bile acid signalling despite elevated production of primary and secondary bile acids in NAFLD
N Jiao, S S Baker, A Chapa-Rodriguez, W Liu, C A Nugent, M Tsompana, L Mastrandrea, M J Buck, R D Baker, R J Genco, R Zhu, L Zhu
- 1892** Assessment of Sepsis-3 criteria and quick SOFA in patients with cirrhosis and bacterial infections
S Piano, M Bartoletti, M Tonon, M Baldassarre, G Chies, A Romano, P Viale, E Vettore, M Domenicali, M Stanco, C Pilutti, A C Frigo, A Brocca, M Bernardi, P Caraceni, P Angeli

JournalScan

- 1900** GI highlights from the literature
M H McLean

Postscript

- 1903** Letters


Editor's quiz: GI snapshot

- 1792** Chronic cough in Swiss bagpipe player
V Schindler, C Gubler, A Turle, A S Becker, D Pohl