



Caption: Saint Bartholomew at the sea of Kings in Berchtesgaden, Bavaria, Germany. See inside the excellent paper by Schaubeck et al from Munich.

An international journal of gastroenterology and hepatology

Impact Factor: 14.660

Editor

Emad El-Omar (UK)

Deputy Editor (Hepatology)

Alexander Gerbes (Germany)

Deputy Editor (Luminal Gastroenterology)

William Grady (USA)

Deputy Editor (Endoscopy)

Thomas Rösch (Germany)

Associate Editors

Matias Avila (Spain)

Martin Blaser (USA)

Guy Boeckxstaens (Belgium)

Patrice Cani (Belgium)

Silvio Danese (Italy)

Thomas Gress (Germany)

Arthur Kaser (UK)

Ernst Kuipers (The Netherlands)

Jake Liang (USA)

Herbert Tilg (Austria)

Fabien Zoulim (France)

Editorial Office

Gut

BMJ Journals

BMA House, Tavistock Square

London, WC1H 9JR, UK

T: +44 (0)20 7383 6394

F: +44 (0)20 7383 6668

E: info.gut@bmj.com

Twitter: @Gut_BMJ

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 © 2016 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 Techset 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.

Commentaries

189 Barrett's oesophagus: size does matter
P J F de Jonge, F Hvid-Jensen

190 Defining dysbiosis threatens Koch's postulates and current dogma on the role of Paneth cells in Crohn's disease
M Chamaillard, K Radulovic

191 Relief of obstructive jaundice from pancreatic cancer: the end of the plastic stent era?
T H Baron, I S Grimm

Endoscopy news

193 Prospective evaluation of endoscopic ultrasonography-guided double-balloon-occluded gastrojejunostomy bypass (EPASS) for malignant gastric outlet obstruction
T Itoi, K Ishii, N Ikeuchi, A Sofuni, T Gotoda, F Moriyasu, V Dhir, A Y B Teoh, K F Binmoeller

Oesophagus

196 Length of Barrett's oesophagus and cancer risk: implications from a large sample of patients with early oesophageal adenocarcinoma
H Pohl, O Pech, H Arash, M Stolte, H Manner, A May, K Kraywinkel, A Sonnenberg, C Ell

Helicobacter pylori

202 A novel human gastric primary cell culture system for modelling *Helicobacter pylori* infection in vitro
P Schlaermann, B Toelle, H Berger, S C Schmidt, M Glanemann, J Ordemann, S Bartfeld, H J Mollenkopf, T F Meyer

Neurogastroenterology

214 Motilin-induced gastric contractions signal hunger in man
J Tack, E Deloose, D Ang, E Scarpellini, T Vanuytsel, L Van Oudenhove, I Depoortere

Gut microbiota

225 Dysbiotic gut microbiota causes transmissible Crohn's disease-like ileitis independent of failure in antimicrobial defence
M Schaubeck, T Clavel, J Calasan, I Lagkouvardos, S B Haange, N Jehmlich, M Basic, A Dupont, M Hornef, M von Bergen, A Bleich, D Haller

238 Geographical patterns of the standing and active human gut microbiome in health and IBD
A Rehman, P Rausch, J Wang, J Skieceviciene, G Kiudelis, K Bhagalia, D Amarapurkar, L Kupcinskas, S Schreiber, P Rosenstiel, J F Baines, S Ott

Inflammatory bowel disease

249 The association of tissue anti-TNF drug levels with serological and endoscopic disease activity in inflammatory bowel disease: the ATLAS study
A J Yarur, A Jain, D A Sussman, J S Barkin, M A Quintero, F Princen, R Kirkland, A R Deshpande, S Singh, M T Abreu

Gut immunity

256 Compartment-specific immunity in the human gut: properties and functions of dendritic cells in the colon versus the ileum
E R Mann, D Bernardo, N R English, J Landy, H O Al-Hassi, S TC Peake, R Man, T R Elliott, H Spranger, G H Lee, A Parian, S R Brant, M Lazarev, A L Hart, X Li, S C Knight

Endoscopy

271 Ten-year incidence of colorectal cancer following a negative screening sigmoidoscopy: an update from the Colorectal Cancer Prevention (CoCaP) programme
V P Doria-Rose, T R Levin, A Palitz, C Conell, N S Weiss

GI cancer

278 Small-molecule inhibitors prevent the genotoxic and protumoural effects induced by colibactin-producing bacteria
A Cougnoux, J Delmas, L Gibold, T Faïs, C Romagnoli, F Robin, G Cuevas-Ramos, E Oswald, A Darfeuille-Michaud, F Prati, G Dalmaso, R Bonnet

Colon

286 An international randomised trial of celecoxib versus celecoxib plus difluoromethylornithine in patients with familial adenomatous polyposis
P M Lynch, C A Burke, R Phillips, J S Morris, R Slack, X Wang, J Liu, S Patterson, F A Sinicrope, M A Rodriguez-Bigas, E Half, S Bulow, A Latchford, S Clarke, W A Ross, B Malone, H Hasson, E Richmond, E Hawk

296 Plasma 25-hydroxyvitamin D and colorectal cancer risk according to tumour immunity status
M Song, R Nishihara, M Wang, A T Chan, Z R Qian, K Inamura, X Zhang, K Ng, Sun A Kim, K Mima, Y Sukeawa, K Noshio, C S Fuchs, E L Giovannucci, K Wu, S Ogino

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://gut.bmj.com/site/about/guidelines.xhtml#open>



Member since 2008
JMD0009

This journal is a member of and subscribes to the principles of the Committee on Publication Ethics
<http://publicationethics.org/>



When you have finished with this magazine please recycle it.

Pancreas

- 305** Serous cystic neoplasm of the pancreas: a multinational study of 2622 patients under the auspices of the International Association of Pancreatology and European Pancreatic Club (European Study Group on Cystic Tumors of the Pancreas)
B Jais, V Rebours, G Malleo, R Salvia, M Fontana, L Maggino, C Bassi, R Manfredi, R Moran, A M Lennon, A Zaheer, C Wolfgang, R Hruban, G Marchegiani, C F Del Castillo, W Brugge, Y Ha, M H Kim, D Oh, I Hirai, W Kimura, J Y Jang, S W Kim, W Jung, H Kang, S Y Song, C M Kang, W J Lee, S Crippa, M Falconi, I Gomatos, J Neoptolemos, A C Milanetto, C Sperti, C Ricci, R Casadei, M Bissolati, G Balzano, I Frigerio, R Girelli, M Delhaye, B Bernier, H Wang, K T Jang, D H Song, M T Huggett, K W Oppong, L Pererva, K V Kopchak, M Del Chiaro, R Segersvard, L S Lee, D Conwell, A Osvaldt, V Campos, G A Garcete, B Napoleon, I Matsumoto, M Shinzeki, F Bolado, J M U Fernandez, M G Keane, S P Pereira, I A Acuna, E C Vaquero, M R Angiolini, A Zerbi, J Tang, R W Leong, A Faccinnetto, G Morana, M C Petrone, P G Arcidiacono, J H Moon, H J Choi, R S Gill, D Pavey, M Ouâissi, B Sastre, M Spandre, C G De Angelis, M A Rios-Vives, M Concepcion-Martin, T Ikeura, K Okazaki, L Frulloni, O Messina, P Lévy

Hepatology

- 313** Baseline quantitative hepatitis B core antibody titre alone strongly predicts HBeAg seroconversion across chronic hepatitis B patients treated with peginterferon or nucleos(t)ide analogues
R Fan, J Sun, Q Yuan, Q Xie, X Bai, Q Ning, J Cheng, Y Yu, J Niu, G Shi, H Wang, D Tan, M Wan, S Chen, M Xu, X Chen, H Tang, J Sheng, F Lu, J Jia, H Zhuang, N Xia, J Hou, Chronic Hepatitis B Study Consortium
- 321** Stratification of hepatocellular carcinoma risk in primary biliary cirrhosis: a multicentre international study
P J Trivedi, W J Lammers, H R van Buuren, A Parés, A Floreani, H L A Janssen, P Invernizzi, P M Battezzati, C Y Ponsioen, C Corpechot, R Poupon, M J Mayo, A K Burroughs, F Nevens, A L Mason, K V Kowdley, A Lleo, L Caballeria, K D Lindor, B E Hansen, G M Hirschfield, on behalf of the Global PBC Study Group

Recent advances in basic science

- 330** The gut microbiota and host health: a new clinical frontier
J R Marchesi, D H Adams, F Fava, G D A Hermes, G M Hirschfield, G Hold, M N Quraishi, J Kinross, H Smidt, K M Tuohy, L V Thomas, E G Zoetendal, A Hart

Recent advances in clinical practice

- 340** Managing HBV in pregnancy. Prevention, prophylaxis, treatment and follow-up: position paper produced by Australian, UK and New Zealand key opinion leaders
K Visvanathan, G Dusheiko, M Giles, M-L Wong, N Phung, S Walker, S Le, S G Lim, E Gane, M Ngu, W Hardikar, B Cowie, S Bowden, S Strasser, M Levy, J Sasaduesz

JournalScan

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

Editor's quiz: GI snapshot

- 295** A challenging case of multiple splenic and pancreatic lesions in a patient with Crohn's disease
G Boschetti, S Assaad, B Balme, S Boyer, B Flourie, S Nancey

PostScript

- 353** Letters

Receive regular table of contents by email.
Register using this QR code.

