

Cover caption: E. coli bacteria. Computer artwork of three Escherichia coli bacteria. E. coli is a rod. shaped bacterium (bacillus). Its cell membrane is covered in fine filaments called pili or fimbriae (red). Hair-like structures called flagella at the rear of each bacterium provide propulsion to make it move. E. coli is a normal component of the intestinal bacterial flora, but under certain conditions some strains can cause se gastroenteritis. Cover credit: HYBRID MEDICAL ANIMATION / SCIENCE PHOTO LIBRARY.

Journal of the British Society of Gastroenterology

Impact Factor: 9.35 Editor

Professor Emad El-Omar (UK)

Deputy Editor (Hepatology)

Alexander Gerbes (Germany) **Deputy Editor (Luminal**

Gastroenterology)

Severine Vermeire (Belgium)

Associate Editors

Ramon Bataller (Spain) Guy Boeckxstaens (Belguim) Laurence Egan (Ireland) William Grady (USA) Thomas Gress (Germany) Ernst Kuipers (The Netherlands) Herbert Tilg (Austria) Fabien Zoulim (France)

Editorial Office

BMJ Journals **BMA House Tavistock Square** London, WC1H 9JR, UK

T: +44 (0)20 7383 6394 F: +44 (0)20 7383 6668 E: guteditorial@bmjgroup.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 © 2010 BMJ Publishing Group 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 TNO Books & Journals, Chennai, India and printed in the UK on acid-free paper from sustainable forests by Latimer Trend & Co Ltd, Plymouth, UK

Gut (ISSN 0017-5749) is published monthly by BMJ Publishing Group and distributed in the USA by Mercury International Ltd. Periodicals postage paid at Rahway, NJ. POSTMASTER: send address changes to *Gut*, Mercury International Ltd, 365 Blair Road, Avenel, NJ, 07001, USA.

Leading article

1009 Global hepatitis, migration and its impact on Western healthcare

F Ahmed, G R Foster

Commentaries

1012 Emergency endoscopy cover: cost and benefits?

A N Barkun

1014 CUX1 mediates tumour cell survival: implications for future therapies? N P Malek

1016 Population and individual benefits of colorectal cancer screening

C Campbell

1017 Interferon-stimulated gene 15: a dual activity during hepatitis C virus infection E Estrabaud, T Asselah

1019 Hyperplastic polyposis: semantics, biology, and endoscopy

P M Lynch

GI bleeding

1022 Use of endoscopy for management of acute upper gastrointestinal bleeding in the UK: results of a nationwide audit



S A Hearnshaw, R F A Logan, D Lowe, S P L Travis, M F Murphy, K R Palmer

Oesophagus

1030 Risk of malignant progression in patients with Barrett's oesophagus: a Dutch nationwide cohort study

> P J F de Jonge, M van Blankenstein, CWN Looman, MK Casparie, GA Meijer, E J Kuipers

Helicobacter pylori

1037 Helicobacter pylori potentiates



epithelial:mesenchymal transition in gastric cancer: links to soluble HB-EGF, gastrin and matrix metalloproteinase-7

Y Yin, A M Grabowska, P A Clarke, E Whelband, K Robinson, R H Argent, A Tobias, R Kumari, J C Atherton, S A Watson

Endoscopy

1046 Molecular imaging of VEGF in gastrointestinal cancer in vivo using confocal laser endomicroscopy

S Foersch, R Kiesslich, M J Waldner, P Delaney, PR Galle, MF Neurath, M Goetz

Inflammatory bowel disease

1056 Diffusion-weighted magnetic resonance without bowel preparation for detecting colonic inflammation in inflammatory bowel disease A Oussalah, V Laurent, O Bruot, A Bressenot, M-A Bigard, D Régent, L Peyrin-Biroulet

Small bowel

1066 Loss of GM-CSF signalling in nonhaematopoietic cells increases NSAID ileal

X Han, S Gilbert, K Groschwitz, S Hogan, I Jurickova, B Trapnell, C Samson, J Gully

1079 MyD88/TLR9 mediated immunopathology and aut microbiota dynamics in a novel murine model of intestinal graft-versus-host disease M M Heimesaat, A Nogai, S Bereswill, R Plickert, A Fischer, C Loddenkemper, U Steinhoff, S Tchaptchet, E Thiel, M A Freudenberg, U B Göbel, L Uharek

Colon

1088 Analysis of deaths occurring within the Nottingham trial of faecal occult blood screening for colorectal cancer D K Whynes, C M Mangham, T W Balfour, J H Scholefield

1094 Increased colorectal cancer risk during follow-up in patients with hyperplastic polyposis syndrome: a multicentre cohort study K S Boparai, E M H Mathus-Vliegen, J J Koornstra, F M Nagengast, M van Leerdam, C J M van Noesel, M Houben, A Cats, L P van Hest, P Fockens, E Dekker

MORE CONTENTS ▶



This article has been chosen by the Editor to be of special interest or importance and is freely available online.



Articles carrying the Unlocked Logo are freely available online under the BMJ Journals unlocked scheme. See http://gut.bmj.com/info/unlocked.dtl

COPE COMMITTEE ON PUBLICATION ETHICS

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

www.publicationethics.org.uk





Pancreas

1101 CUX1: target of Akt signalling and mediator of resistance to apoptosis in pancreatic cancer S Ripka, A Neesse, J Riedel, E Bug, A Aigner, R Poulsom, S Fulda, J Neoptolemos, W Greenhalf, P Barth, T M Gress, P Michl

Hepatology

1111 The interferon stimulated gene 15 functions as a proviral factor for the hepatitis C virus and as a regulator of the IFN response R Broering, X Zhang, S Kottilil, M Trippler,

M Jiang, M Lu, G Gerken, J F Schlaak

1120 Interferon γ receptor 2 gene variants are associated with liver fibrosis in patients with chronic hepatitis C infection

> B Nalpas, R Lavialle-Meziani, S Plancoulaine, E Jouanguy, A Nalpas, M Munteanu, F Charlotte, B Ranque, E Patin, S Heath, H Fontaine, A Vallet-Pichard, D Pontoire, M Bourlière, J-L Casanova, M Lathrop, C Bréchot, T Poynard, F Matsuda, S Pol, L Abel

1127 Splanchnic sympathectomy prevents translocation and spreading of E coli but not S aureus in liver cirrhosis

> M Worlicek, K Knebel, H J Linde, L Moleda, I Schölmerich, R H Straub, R Wiest

1135 Hepatitis C infection and clearance: impact on atherosclerosis and cardiometabolic risk factors A Mostafa, M K Mohamed, M Saeed, A Hasan, A Fontanet, I Godsland, E Coady, G Esmat, M El-Hoseiny, M Abdul-Hamid, A Hughes, N Chaturvedi

JournalScan

1141 Gl highlights from the literature

Recent advances in clinical practice

1143 Helicobacter pylori treatment in the era of increasing antibiotic resistance DY Graham, L Fischbach

PostScript

1154 Book review

1154 Letters

Editor's auiz

1036 When to leave a stone unturned ... E C von Rosenvinge, C Koh, S M Holland, T Heller

1093 Food debris in trachestomic tube M Marchese, G Cusumano, C Spada, P Granone, G Costamagna