



Caption: Faecal bacteria. Scanning electron micrograph (SEM) of various bacteria found in a sample of human faeces. At least 50 per cent of human faeces is made up of bacteria shed from the gut. Many of these bacteria are a normal part of the flora found in the intestines and are beneficial to digestion. However, some are pathogenic, such as *Salmonella enterica* and certain strains of *Escherichia coli*, which can cause foodborne illnesses. Magnification: $\times 16,700$ when printed 10 centimetres wide. Credit: EYE OF SCIENCE/SCIENCE PHOTO LIBRARY.

An international journal of gastroenterology and hepatology

Editor

Emad El-Omar (UK)

Deputy Editor (Hepatology)

Alexander Gerbes (Germany)

Deputy Editor (Luminal

Gastroenterology)

William Grady (USA)

Associate Editors

Matias Avila (Spain)

Guy Boeckxstaens (Belgium)

Laurence Egan (Ireland)

Thomas Gress (Germany)

Ernst Kuipers (The Netherlands)

Julian Panes (Spain)

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: 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 © 2012 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 TNQ 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 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

1105 The central role of the c-Met pathway in rebuilding the liver
S S Thorgeirsson

1106 The natural history of Crohn's disease: who holds the crystal ball?
G Van Assche

Original articles
Oesophagus

1108 Lymphocytic oesophagitis: clinicopathological aspects of an emerging condition
S Haque, R M Genta

Stomach

1115 *CPEB1*, a novel gene silenced in gastric cancer: a *Drosophila* approach
J Caldeira, J Simões-Correia, J Paredes, M T Pinto, S Sousa, G Corso, D Marrelli, F Roviello, P S Pereira, D Weil, C Oliveira, F Casares, R Seruca

Gut microbiota

1124 Analysis of gut microbial regulation of host gene expression along the length of the gut and regulation of gut microbial ecology through MyD88
E Larsson, V Tremaroli, Y S Lee, O Koren, I Nookaew, A Fricker, J Nielsen, R E Ley, F Bäckhed

Neurogastroenterology

1132 Regional colon transit in patients with dys-synergic defaecation or slow transit in patients with constipation
S Nullens, T Nelsen, M Camilleri, D Burton, D Eckert, J Iurrino, M Vazquez-Roque, A R Zinsmeister

Inflammatory bowel disease

1140 Factors affecting outcomes in Crohn's disease over 15 years
J Cosnes, A Bourrier, I Nion-Larmurier, H Sokol, L Beaugerie, P Seksik

1146 Local barrier dysfunction identified by confocal laser endomicroscopy predicts relapse in inflammatory bowel disease
R Kiesslich, C A Duckworth, D Moussata, A Gloeckner, L G Lim, M Goetz, D M Pritchard, P R Galle, M F Neurath, A J M Watson

1154 Flt3 ligand expands CD103⁺ dendritic cells and FoxP3⁺ T regulatory cells, and attenuates Crohn's-like murine ileitis
C B Collins, C M Aherne, E N McNamee, M D P Lebsack, H Eltzschig, P Jedlicka, J Rivera-Nieves

Colon

1163 Suppression of tumour-specific CD4⁺ T cells by regulatory T cells is associated with progression of human colorectal cancer
G Betts, E Jones, S Junaid, T El-Shanawany, M Scurr, P Mizen, M Kumar, S Jones, B Rees, G Williams, A Gallimore, A Godkin

1172 Primary prevention of colorectal cancer with low-dose aspirin in combination with endoscopy: a cost-effectiveness analysis
C Hassan, D K Rex, G S Cooper, A Zullo, R Launois, R Benamouzig

1180 Long-term risk of colorectal cancer after adenoma removal: a population-based cohort study
V Cottet, V Jooste, I Fournel, A-M Bouvier, J Faivre, C Bonithon-Kopp

Pancreas

1187 Gene expression dynamics after murine pancreatitis unveils novel roles for Hnf1 α in acinar cell homeostasis
X Molero, E C Vaquero, M Flández, A M González, M Ángels Ortiz, E Cibrián-Uhalte, J-M Servitja, A Merlos, N Juanpere, M Massumi, A Skoudy, R MacDonald, J Ferrer, F X Real

Hepatology

1197 Recombination of hepatitis B virus DNA in patients with HIV
G Fallo, B Halgand, E Garnier, M Branger, A Gervais, A-M Roque-Afonso, V Thiers, E Billaud, S Matheron, D Samuel, C Féray

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>



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



- 1209** Hepatocyte growth factor/c-Met signalling is important for the selection of transplanted hepatocytes

M Kaldenbach, A Giebler, D F Tschaharganeh, S Erschfeld, H E Wasmuth, L Dolle, J Floege, C Trautwein, K L Streetz

Recent advances in clinical practice

- 1219** Bacterial infections in end-stage liver disease: current challenges and future directions

J S Bajaj, J G O'Leary, F Wong, K R Reddy, P S Kamath

Recent advances in basic science

- 1226** T cell responses in hepatitis C: the good, the bad and the unconventional

P Klenerman, R Thimme

JournalScan

- 1235** GI highlights from the literature

PostScript

- 1238** Letters

Miscellaneous

- 1145** Correction



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