



Caption: Hepatitis C virus. Computer artwork of hepatitis C virus (HCV) particles (virions), the cause of hepatitis C liver disease. Each virion has a symmetrical protein coat or capsid (blue), from which project surface protein molecules (orange) that help the virus attach to its target cell. The capsid contains strands of RNA (ribonucleic acid, not seen), the virus' genetic material. Hepatitis C is most commonly spread by blood contact, through blood transfusions or the sharing of infected needles. It causes inflammation of the liver with jaundice and flu-like symptoms. There is currently no vaccine for hepatitis C. Cover credit: RUSSELL KIGHTLEY/SCIENCE PHOTO LIBRARY.

An international journal of
gastroenterology and hepatology

Impact Factor: 9.357

Editor

Emad El-Omar (UK)

Deputy Editor (Hepatology)

Alexander Gerbes (Germany)

Deputy Editor (Luminal

Gastroenterology)

William Grady (USA)

Associate Editors

Matias Avila (Spain)

Guy Boeckstaens (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 © 2011 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 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 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.

Contents

Volume 60 Issue 8 | **GUT** August 2011

Commentaries

1025 Can antiviral therapy of chronic hepatitis B prevent the development of hepatocellular carcinoma?

M Thursz, A Brown

1026 Molecular mechanisms of probiotic action: it's all in the strains!

F Shanahan

1027 Pregnancy in primary sclerosing cholangitis

A Gossard, K Lindor

Oesophagus

1029 Alcohol intake and risk of oesophageal adenocarcinoma: a pooled analysis from the BEACON Consortium



N D Freedman, L J Murray, F Kamangar, C C Abnet, M B Cook, O Nyrén, W Ye, A H Wu, L Bernstein, L M Brown, M H Ward, N Pandeya, A C Green, A G Casson, C Giffen, H A Risch, M D Gammon, W-H Chow, T L Vaughan, D A Corley, D C Whiteman

GI bleeding

1038 Long-term peptic ulcer rebleeding risk estimation in patients undergoing haemodialysis: a 10-year nationwide cohort study

C-Y Wu, M-S Wu, K N Kuo, C-B Wang, Y-J Chen, J-T Lin

Gut microbiota

1043 A randomised trial of sheathed versus standard forceps for obtaining uncontaminated biopsy specimens of microbiota from the terminal ileum

M Dave, L A Johnson, S T Walk, V B Young, R W Stidham, M N Chaudhary, J FunNell, P D R Higgins

Inflammatory bowel disease

1050 Anti-inflammatory capacity of selected lactobacilli in experimental colitis is driven by NOD2-mediated recognition of a specific peptidoglycan-derived muropeptide

E Macho Fernandez, V Valenti, C Rockel, C Hermann, B Pot, I G Boneca, C Grangette

1060 Variants in *ZNF365* isoform D are associated with Crohn's disease

T Haritunians, M R Jones, D P B McGovern, D Q Shih, R J Barrett, C Derkowsk, M C Dubinsky, D Dutridge, P R Fleshner, A Ippoliti, L King, E Leshinsky-Silver, A Levine, G Y Melmed, E Mengesha, E A Vasilauskas, S Ziaee, J I Rotter, S R Targan, K D Taylor

1068 The mucosal addressin cell adhesion molecule antibody PF-00547,659 in ulcerative colitis: a randomised study

S Vermeire, S Ghosh, J Panes, J F Dahlerup, A Luegering, J Sirotiakova, U Strauch, G Burgess, J Spanton, S W Martin, W Niezychowski

Colon

1076 Surgery-induced reactive oxygen species enhance colon carcinoma cell binding by disrupting the liver endothelial cell lining

N Gül, M Bögers, S Grewal, A J van der Meer, L Baldeon Rojas, D M Fluitsma, M P van den Tol, K A Hoebe, J van Marle, H E de Vries, R H J Beelen, M van Egmond

1087 A population-based comparison of the survival of patients with colorectal cancer in England, Norway and Sweden between 1996 and 2004

E J A Morris, F Sandin, P C Lambert, F Bray, Å Klint, K Linklater, D Robinson, L Pålman, L Holmberg, H Möller

1094 Blood lipid and lipoprotein concentrations and colorectal cancer risk in the European Prospective Investigation into Cancer and Nutrition



F J B van Duijnhoven, H B Bueno-De-Mesquita, M Calligaro, M Jenab, T Pischon, E H J M Jansen, J Frohlich, A Ayyobi, K Overvad, A P Toft-Petersen, A Tjønneland, L Hansen, M-C Boutron-Ruault, F Clavel-Chapelon, V Cottet, D Palli, G Tagliabue, S Panico, R Tumino, P Vineis, R Kaaks, B Teucher, H Boeing, D Dragan, A Trichopoulou, P Lagiou, V Dilis, P H M Peeters, P D Siersema, L Rodríguez, C A González, E Molina-Montes, M Dorronsoro, M-J Tormo, A Barricarte, R Palmqvist, G Hallmans, K-T Khaw, K K Tsilidis, F L Crowe, V Chajes, V Fedirko, S Rinaldi, T Norat, E Riboli

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>



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



When you have finished with this magazine please recycle it.

Gut: first published as on 1 August 2011. Downloaded from <http://gut.bmj.com/> on May 30, 2025 at Department GEZ-LTA Erasmus Hogeschool. Protected by copyright, including for uses related to text and data mining, AI training, and similar technologies.

Pancreas


- 1103** Pancreas divisum as a predisposing factor for chronic and recurrent idiopathic pancreatitis: initial in vivo survey
W Gonoï, H Akai, K Hagiwara, M Akahane, N Hayashi, E Maeda, T Yoshikawa, M Tada, K Uno, H Ohtsu, K Koike, K Ohtomo

Hepatology

- 1109** Virological suppression does not prevent the development of hepatocellular carcinoma in HBeAg-negative chronic hepatitis B patients with cirrhosis receiving oral antiviral(s) starting with lamivudine monotherapy: results of the nationwide HEPNET. Greece cohort study
G V Papatheodoridis, S Manolakopoulos, G Touloumi, G Vourli, M Raptopoulou-Gigi, I Vafiadis-Zoumbouli, T Vasiliadis, K Mimidis, C Gogos, I Ketikoglou, E K Manesis, for the HEPNET. Greece Cohort Study Group
- 1117** Pregnancy in primary sclerosing cholangitis
B E Wellge, M Sternecke, A Teufel, C Rust, A Franke, S Schreiber, T Berg, R Günther, W Kreisel, C zu Eulenburg, F Braun, U Beuers, P R Galle, A W Lohse, C Schramm
- 1122** Amelioration of portal hypertension and the hyperdynamic circulatory syndrome in cirrhotic rats by neuropeptide Y via pronounced splanchnic vasoaction
L Moleda, J Trebicka, P Dietrich, E Gäbele, C Hellerbrand, R H Straub, T Sauerbruch, J Schoelmerich, R Wiest

- 1133** Von Willebrand factor levels predict clinical outcome in patients with cirrhosis and portal hypertension
V La Mura, J C Reverter, A Flores-Arroyo, S Raffa, E Reverter, S Seijo, J G Abrales, J Bosch, J C García-Pagán

Recent advances in basic science

- 1139** Insulin resistance and hepatitis C: an evolving story
 *M Eslam, M A Khattab, S A Harrison*

Recent advances in clinical practice

- 1152** Non-alcoholic fatty liver disease: what's new under the microscope?
E M Brunt

JournalScan

- 1159** GI highlights from the literature

PostScript

- 1161** Letters
1164 Correction

Editor's quiz: GI snapshot

- 1059** Acute, severe constipation in a 58-year-old Japanese patient
N Hosoe, R Sakakibara, M Yoshida, T Wakabayashi, H Kikuchi, T Yamada, K Kawahara, M Kishi
- 1067** An 'illuminating' CT
R H Westbrook, D Joshi, A Prachalias
- 1086** An obscure mass in the head of the pancreas of an adolescent
X Li, C-w Tang