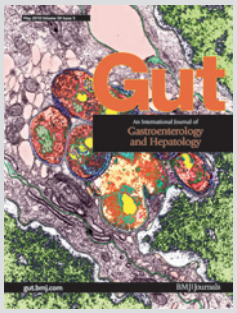

Cover caption: Intestinal protozoan parasites in cell. Coloured transmission electron micrograph (TEM) of several Encephalitozoon intestinalis protozoan parasites (yellow and red). This parasite is one of several known as microsporidia. The microsporidia inject themselves into a host cell, where they replicate and pass through several stages, ending with the formation of spores that infect new cells. Many areas of the body can be affected, but the common site of infection is the intestines. Infection, by ingestion of contaminated food or water, can cause severe diarrhoea in humans. Magnification: x10,400 when printed 10cm high. Cover credit: LONDON SCHOOL OF HYGIENE & TROPICAL MEDICINE / SCIENCE PHOTO LIBRARY

Journal of the British Society of Gastroenterology
Impact Factor: 9.766

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
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 © 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 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.

Leading article
561 Paediatric non-alcoholic fatty liver disease
V Nobili, M Pinzani

Commentaries
565 From kitchen to gut: curcumin in cholestasis
R Safadi

566 Modelling a dream: the molecular prevention of pancreatic cancer
E Hawk, S Patterson

568 COX-2 expression in adenoma: an imperfect marker for chemoprevention
A T Chan

570 Optimum imaging for small suspected hepatocellular carcinoma
M Sherman

Helicobacter pylori
572 Levofloxacin-based and clarithromycin-based triple therapies as first-line and second-line treatments for *Helicobacter pylori* infection: a randomised comparative trial with crossover design
J-M Liou, J-T Lin, C-Y Chang, M-J Chen, T-Y Cheng, Y-C Lee, C-C Chen, W-H Sheng, H-P Wang, M-S Wu

Gastric cancer
579 Survival prediction of gastric cancer by a seven-microRNA signature
X Li, Y Zhang, Y Zhang, J Ding, K Wu, D Fan

Endoscopic ultrasound
586 False positive endoscopic ultrasound fine needle aspiration cytology: incidence and risk factors
F C Gleeson, B R Kipp, J L Caudill, J E Clain, A C Clayton, K C Halling, M R Henry, E Rajan, M D Topazian, K K Wang, M J Wiersema, J Zhang, M J Levy

Gut immunity
595 Gut CD103$^+$ dendritic cells express indoleamine 2,3-dioxygenase which influences T regulatory/T effector cell balance and oral tolerance induction
G Matteoli, E Mazzini, I D Iliev, E Mileti, F Fallarino, P Puccetti, M Chieppa, M Rescigno

Irritable bowel syndrome
605 Eight year prognosis of postinfectious irritable bowel syndrome following waterborne bacterial dysentery
J K Marshall, M Thabane, A X Garg, W F Clark, P Moayyedi, S M Collins, Walkerton Health Study Investigators

Neurogastroenterology
612 TNFα is a key mediator of the pronociceptive effects of mucosal supernatant from human ulcerative colitis on colonic DRG neurons
C Ibeakanma, S Vanner

Colon cancer
622 Cyclooxygenase-2 expression and recurrence of colorectal adenomas: effect of aspirin chemoprevention
R Benamouzig, B Uzzan, A Martin, J Deyra, J Little, B Girard, S Chaussade, for the APACC Study Group

Pancreas
630 The angiotensin-I-converting enzyme inhibitor enalapril and aspirin delay progression of pancreatic intraepithelial neoplasia and cancer formation in a genetically engineered mouse model of pancreatic cancer
V Fendrich, N-M Chen, M Neef, J Waldmann, M Buchholz, G Feldmann, E P Slater, A Maitra, D K Bartsch

Hepatology
638 The diagnostic and economic impact of contrast imaging techniques in the diagnosis of small hepatocellular carcinoma in cirrhosis
A Sangiovanni, M A Manini, M Iavarone, R Romeo, L V Forzenigo, M Fraquelli, S Massironi, C Della Corte, G Ronchi, M G Rumi, P Biondetti, M Colombo

645 Characterisation of a stereotypical cellular and extracellular adult liver progenitor cell niche in rodents and diseased human liver
S Lorenzini, T G Bird, L Boulter, C Bellamy, K Samuel, R Aucott, E Clayton, P Andreone, M Bernardi, M Golding, M R Alison, J P Iredale, S J Forbes

655 Signals from dying hepatocytes trigger growth of liver progenitors
EDITOR'S CHOICE
Y Jung, R P Witek, W-K Syn, S S Choi, A Omenetti, R Premont, C D Guy, A M Diehl

MORE CONTENTS ▸

EDITOR'S CHOICE
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

equator network

recycle
When you have finished with this magazine please recycle it.

Gut: first published as on 1 May 2010. Downloaded from http://gut.bmj.com/ on April 23, 2024 by guest. Protected by copyright.

Guidelines

666 Guidelines for colorectal cancer screening and surveillance in moderate and high risk groups (update from 2002)
S R Cairns, J H Scholefield, R J Steele, M G Dunlop, H J W Thomas, G D Evans, J A Eaden, M D Rutter, W P Atkin, B P Saunders, A Lucassen, P Jenkins, P D Fairclough, C R J Woodhouse, developed on behalf of The British Society of Gastroenterology, and the Association of Coloproctology for Great Britain and Ireland

JournalScan

691 Edited by G P Aithal

Recent advances in clinical practice

692 Role of CT colonography in colorectal cancer screening: risks and benefits
C P Pox, W Schmiegel

Editor's quiz

578 Sustained abdominal discomfort in a 57-year-old woman
H Nishiura, H Nakase, T Chiba

644 What caused gastrointestinal bleeding in a woman with a history of pleural mesothelioma?
F Iafrate, S Sibio, P Sammartino, M Ciolina, A Pichi, F Accarpio, A Ciardi, C Hassan, M Di Seri, S Quadrini, A Laghi, R Passariello, A Di Giorgio

Gut: first published as on 1 May 2010. Downloaded from http://gut.bmj.com/ on April 23, 2024 by guest. Protected by copyright.