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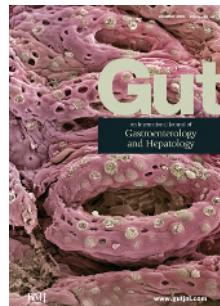
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Ulcerative colitis. Steve Gschmeissner/Science Photo Library

Leading article

- 1685 Impaired gastric accommodation and its role in dyspepsia S Kindt, J Tack

Editorial

- 1692 Probiotics, prebiotics, synbiotics: ecological treatment for inflammatory bowel disease? P Marteau

Commentary

- 1694 Genes and environment in irritable bowel syndrome: one step forward N J Talley

Oesophagus

- 1697 A case-control study of the pathology of oesophageal disease in systemic sclerosis (scleroderma) C G P Roberts, L K Hummers, W J Ravich, F M Wigley, G M Hutchins
1704 Treatment of oesophageal ulcerations using endoscopic transplantation of tissue-engineered autologous oral mucosal epithelial cell sheets in a canine model T Ohki, M Yamato, D Murakami, R Takagi, J Yang, H Namiki, T Okano, K Takasaki

Helicobacter pylori

- 1711 Prospective multicentre study on antibiotic resistance of *Helicobacter pylori* strains obtained from children living in Europe S Koletzko, F Richy, P Bontems, J Crone, N Kalach, M L Monteiro, F Gottrand, D Celinska-Cedro, E Roma-Giannikou, G Orderda, S Kolacek, P Urruzuno, M J Martínez-Gómez, T Casswall, M Ashorn, H Bodanszky, F Mégraud, on behalf of the European Paediatric Task Force on *Helicobacter pylori*
1717 Global analysis of the human gastric epithelial transcriptome altered by *Helicobacter pylori* eradication in vivo M B Resnick, E Sabo, P A Meitner, S S Kim, Y Cho, H K Kim, R Tavares, S F Moss

Dyspepsia

- 1725 Fundal dysaccretion in functional dyspepsia: head-to-head comparison between the barostat and three-dimensional ultrasonographic technique M W Mundt, M Samsom
1731 Risk of upper gastrointestinal ulcer bleeding associated with selective cyclo-oxygenase-2 inhibitors, traditional non-aspirin non-steroidal anti-inflammatory drugs, aspirin and combinations A Lanas, L A García-Rodríguez, M T Arroyo, F Gomollón, F Feu, A González-Pérez, E Zapata, G Bástida, L Rodrigo, S Santolaria, M Güell, C M de Argila, E Quintero, F Borda, J M Piqué, on behalf of the Investigators of the Asociación Española de Gastroenterología (AEG)



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Coeliac disease

- 1739 Spectrum of gluten-sensitive enteropathy in first-degree relatives of patients with coeliac disease: clinical relevance of lymphocytic enteritis *M Esteve, M Rosinach, F Fernández-Bañares, C Farré, A Salas, M Alsina, P Vilar, A Abad-Lacruz, M Forné, M Mariné, R Santaolalla, J C Espinós, J M Viver, Barcelona Coeliac Disease Study Group*

- 1746 Endomysial antibody-negative coeliac disease: clinical characteristics and intestinal autoantibody deposits *T T Salmi, P Collin, I R Korponay-Szabó, K Laurila, J Partanen, H Huhtala, R Király, L Lorand, T Reunala, M Mäki, K Kaukinen*

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- 1754 Irritable bowel syndrome in twins: genes and environment *M-B Bengtson, T Rønning, M H Vath, J R Harris*

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- 1760 Gut-associated bacterial microbiota in paediatric patients with inflammatory bowel disease *M P Conte, S Schippa, I Zamboni, M Penta, F Chiarini, L Seganti, J Osborn, P Falconieri, O Borrelli, S Cucchiara*

- 1768 Pit patterns in rectal mucosa assessed by magnifying colonoscope are predictive of relapse in patients with quiescent ulcerative colitis *Y Nishio, T Ando, O Maeda, K Ishiguro, O Watanaabe, N Ohmiya, Y Niwa, K Kusugami, H Goto*

- 1774 Control of matrix metalloproteinase production in human intestinal fibroblasts by interleukin 21 *G Monteleone, R Caruso, D Fina, I Peluso, V Gioia, C Stolfi, M C Fantini, F Caprioli, R Tersigni, L Alessandrini, T T MacDonald, F Pallone*

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- 1781 Identification of mismatch repair gene mutations in young patients with colorectal cancer and in patients with multiple tumours associated with hereditary non-polyposis colorectal cancer *R C Niessen, M J W Berends, Y Wu, R H Sijmons, H Hollema, M J L Ligtenberg, H E K de Walle, E G E de Vries, A Karrenbeld, C H C M Buys, A G J van der Zee, R M W Hofstra, J H Kleibeuker*

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- 1795 Hypercholesterolaemia is not associated with early atherosclerotic lesions in primary biliary cirrhosis *M Allocat, A Crosignani, A Gritti, G Ghilardi, D Gobatti, D Caruso, M Zuin, M Podda, P M Battezzati*

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- 1801 Hepatitis C virus core protein promotes proliferation of human hepatoma cells through enhancement of transforming growth factor α expression via activation of nuclear factor- κ B *Y Sato, J Kato, R Takimoto, K Takada, Y Kawano, K Miyanishi, M Kobune, Y Sato, T Takayama, T Matunaga, Y Niitsu*

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- 1809 Edited by *R F A Logan*

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- 1810 Molecular basis of Barrett's oesophagus and oesophageal adenocarcinoma *R C Fitzgerald*

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- 1759 Editor's quiz: An unusual cause of abdominal distension *A-W N Meshikhes, M A Suwaymel*

- 1780 Editor's quiz: Unusual presentation of digestive tumour *C Tohme, A Choucair, J E Hachem*