

# Subject index

- 18F-FDG-PET**, 18F-fluoro-deoxy-glucose positron emission tomography (18F-FDG-PET) for assessment of enteropathy-type T cell lymphoma, **347**
- 32P postlabelling**, DNA adducts, detected by <sup>32</sup>P postlabelling, in human cholangiocarcinoma, **586**
- 5-aminolaevulinic acid**, Fluorescence endoscopy for the detection of low and high grade dysplasia in ulcerative colitis using systemic or local 5-aminolaevulinic acid sensitisation, **1003**
- 5-aminosalicylate drugs**, Caution with the use of cyclosporin in pregnancy, **1070**
- Inflammatory bowel disease in pregnancy, **159**
- 5-aminosalicylic acid**, Birth outcome in women exposed to 5-aminosalicylic acid during pregnancy: a Danish cohort study, **243**
- 75Se-homocholic acid-taurine**, Intestinal absorption of the bile acid analogue <sup>75</sup>Se-homocholic acid-taurine is increased in primary biliary cirrhosis, and reverts to normal during ursodeoxycholic acid administration, **1371**
- A33 antigen**, Intestinal epithelial exosomes carry MHC class II/peptides able to inform the immune system in mice, **1690**
- ABC transporters**, ABC of oral bioavailability: transporters as gatekeepers in the gut, **1788**
- Cholestasis, **ii43**
- abdominal bloating**, Intestinal gas distribution determines abdominal symptoms, **1708**
- abdominal distension**, Influence of body posture on intestinal transit of gas, **971**
- abdominal pain**, Wireless capsule endoscopy, **iv48**
- aberrant crypt foci**, Aspirin: still learning about the wonder drug, **1535**
- Suppressive effect of aspirin on aberrant crypt foci in patients with colorectal cancer, **1598**
- accommodation**, Effect of a somatostatin analogue on gastric motor and sensory functions in healthy humans, **1555**
- acromegaly**, Colorectal screening guidelines in acromegaly, **1387**
- Guidelines for colonoscopic screening in acromegaly are inconsistent with those for other high risk groups, **1071**
- High magnification chromoscopic colonoscopy as a screening tool in acromegaly, **1797**
- actin cytoskeleton**, Impaired localisation and transport function of canalicular Bsep in tauroolithocholate induced cholestasis in the rat, **1170**
- activin A**, Activin A is an autocrine activator of rat pancreatic stellate cells: potential therapeutic role of follistatin for pancreatic fibrosis, **1487**
- acupuncture**, Acupuncture for gastrointestinal disorders, **614**
- acute diarrhoea**, Non-steroidal anti-inflammatory drugs as a risk factor for acute diarrhoea: a case crossover study, **260**
- acute pancreatitis**, Increased nitric oxide excretion in patients with severe acute pancreatitis: evidence of an endotoxin mediated inflammatory response?, **270**
- acute self limited hepatitis**, Distribution of hepatitis B viral genotypes and mutations in the core promoter and precore regions in acute forms of liver disease in patients from Chiba, Japan, **1630**
- adefovir dipivoxil**, Unsuccessful rescue therapy with adefovir dipivoxil for lamivudine resistant HBV in a patient with liver failure, **614**
- adenocarcinoma**, Comparison of cyclooxygenase 2 expression in adenocarcinomas of the gastric cardia and distal oesophagus, **1678**
- Familial liver and gall bladder cancer: a nationwide epidemiological study from Sweden, **592**
- Small bowel neoplasia in coeliac disease, **1211**
- adenoma**, Small bowel neoplasia in coeliac disease, **1211**
- Telomere shortening of epithelial cells characterises the adenoma-carcinoma transition of human colorectal cancer, **1304**
- adenomas**, Colonoscopy surveillance of individuals at risk of familial colorectal cancer, **1748**
- Gene expression pattern of laser microdissected colonic crypts of adenomas with low grade dysplasia, **1148**
- Prevalence and incidence of hyperplastic polyps and adenomas in familial colorectal cancer: correlation between the two types of colon polyps, **1140**
- Rapidly progressive adenomatous polyposis in a patient with germline mutations in both the *APC* and *MLH1* genes: the worst of two worlds, **898**
- adenomatous polyposis coli**, Rapidly progressive adenomatous polyposis in a patient with germline mutations in both the *APC* and *MLH1* genes: the worst of two worlds, **898**
- adherence**, Extracellular MUC3 mucin secretion follows adherence of *Lactobacillus* strains to intestinal epithelial cells in vitro, **827**
- adhesion molecule profile**, Isolation, maturational level, and functional capacity of human colon lamina propria plasma cells, **383**
- adverse reactions**, Sulphasalazine and mesalazine: serious adverse reactions re-evaluated on the basis of suspected adverse reaction reports to the Committee on Safety of Medicines, **1530**
- aetiology**, Do calcium channel blockers and antimuscarinics protect against perforated colonic diverticular disease? A case control study, **1734**
- Africa**, *Helicobacter pylori* infection in Africa and Europe: enigma of host genetics, **1799**
- aging**, Molecular and functional studies of electrogenic Na<sup>+</sup> transport in the distal colon and rectum of young and elderly subjects, **1607**
- alanine aminotransaminase**, Outcomes of interferon  $\alpha$  and ribavirin treatment for chronic hepatitis C in patients with normal serum aminotransaminases, **1644**
- alanine aminotransferase**, A large population study of spontaneous HBeAg seroconversion and acute exacerbation of chronic hepatitis B infection: implications for antiviral therapy, **416**
- alcohol**, Relations between amount and type of alcohol and colon and rectal cancer in a Danish population based cohort study, **861**
- alcoholic hepatitis**, Transplantation for alcoholic liver disease: lessons from the explant?, **462**
- Tumour necrosis factor  $\gamma$  is an important mediator of portal and systemic haemodynamic derangements in alcoholic hepatitis, **1182**
- alcoholic liver disease**, Transplantation for alcoholic liver disease: lessons from the explant?, **462**
- aldosterone**, Non-genomic regulation of intermediate conductance potassium channels by aldosterone in human colonic crypt cells, **854**
- allogeneic stem cell transplantation**, Fulminant Crohn's colitis after allogeneic stem cell transplantation, **1518**
- Transplanting the genetic susceptibility to Crohn's disease, **1394**
- amoxicillin**, Treatment of *Helicobacter pylori* in functional dyspepsia resistant to conventional management: a double blind randomised trial with a six month follow up, **40**
- ampullary adenocarcinoma**, Attenuated familial adenomatous polyposis presenting as ampullary adenocarcinoma, **903**
- anal fissure**, A dose finding study with 0.1%, 0.2%, and 0.4% glyceryl trinitrate ointment in patients with chronic anal fissures, **264**
- angiogenesis**, Vascular endothelial growth factor and receptor interaction is a prerequisite for murine hepatic fibrogenesis, **1347**
- angiography**, Detection of submucosal gastric fundal varices with multi-detector row CT angiography, **886**
- angiotensin II**, Enhanced renal ammonia excretion following volume expansion in patients with well compensated cirrhosis of the liver, **1041**
- antibiotics**, Antibiotics with a selective aerobic or anaerobic spectrum have different therapeutic activities in various regions of the colon in interleukin 10 gene deficient mice, **1721**
- antidepressants**, Antidepressant induced cholestasis: hepatocellular redistribution of multidrug resistant protein (MRP2), **300**
- Antidepressants for irritable bowel syndrome, **598**
- antigen presenting cells**, Liver tolerance mediated by antigen presenting cells: fact or fiction?, **1075**
- antigen transport**, Intestinal epithelial exosomes carry MHC class II/peptides able to inform the immune system in mice, **1690**
- anti-inflammatory**, Mitogen activated protein (MAP) kinase signal transduction pathways and novel anti-inflammatory targets, **144**
- antimicrobials**, Aspirin inhibits the growth of *Helicobacter pylori* and enhances its susceptibility to antimicrobial agents, **490**
- antiphospholipid antibodies**, Transient ischaemic colitis following an aeroplane flight, **1072**

- antisense**, In vivo imaging with oligonucleotides for diagnosis and drug development, **iv40**
- antithrombin III**, Thrombotic risk factors and extent of liver fibrosis in chronic viral hepatitis, **404**
- antiviral therapy**, A large population study of spontaneous HBeAg seroconversion and acute exacerbation of chronic hepatitis B infection: implications for antiviral therapy, **416**  
Outcomes of interferon  $\alpha$  and ribavirin treatment for chronic hepatitis C in patients with normal serum aminotransaminases, **1644**  
Treatment of hepatitis C. The 2002 French consensus, **1784**
- anus**, A dose finding study with 0.1%, 0.2%, and 0.4% glyceryl trinitrate ointment in patients with chronic anal fissures, **264**
- APC gene**, Attenuated familial adenomatous polyposis presenting as ampullary adenocarcinoma, **903**
- apolipoprotein B48**, Mobilisation of enterocyte fat stores by oral glucose in humans, **834**
- apoptosis**, Bilirubin, a curse and a boon, **1668**  
Bilirubin inhibits bile acid induced apoptosis in rat hepatocytes, **1774**  
Butyrate induced Caco-2 cell apoptosis is mediated via the mitochondrial pathway, **94**  
RUNX 3, apoptosis 0: a new gastric tumour suppressor, **12**
- aptamer**, In vivo imaging with oligonucleotides for diagnosis and drug development, **iv40**
- aquaporin 2**, Increased urinary excretion of aquaporin 2 in patients with liver cirrhosis, **1194**
- aquaporin water channels**, Distribution of aquaporin water channels AQP1 and AQP5 in the ductal system of the human pancreas, **1008**
- argon plasma coagulation**, Argon plasma coagulation for successful treatment of early gastric cancer with intramucosal invasion, **334**
- ascites**, Effect of neonatal capsaicin treatment on haemodynamics and renal function in cirrhotic rats, **293**  
MELD scoring system is useful for predicting prognosis in patients with liver cirrhosis and is correlated with residual liver function: a European study, **134**
- ascorbic acid**, Concomitant alterations in intragastric pH and ascorbic acid concentration in patients with *Helicobacter pylori* gastritis and associated iron deficiency anaemia, **496**
- Asians**, Expression of thiopurine methyltransferase in South Asians, **914**
- aspirin**, Aspirin inhibits the growth of *Helicobacter pylori* and enhances its susceptibility to antimicrobial agents, **490**  
Aspirin: still learning about the wonder drug, **1535**  
Non-steroidal anti-inflammatory drugs: overall risks and management. Complementary roles for COX-2 inhibitors and proton pump inhibitors, **600**  
Suppressive effect of aspirin on aberrant crypt foci in patients with colorectal cancer, **1598**
- ATP binding cassette transporter**, ATP binding cassette transporter gene expression in rat liver progenitor cells, **1060**
- atrial natriuretic peptide**, Portopulmonary hypertension in decompensated cirrhosis with refractory ascites, **1355**
- atrophic body gastritis**, Concomitant alterations in intragastric pH and ascorbic acid concentration in patients with *Helicobacter pylori* gastritis and associated iron deficiency anaemia, **496**
- atrophic gastritis**, Atrophic gastritis: pathology and endoscopy in the reversibility assessment, **1387**  
Endoscopic surveillance of premalignant gastric lesions, **152**
- attention**, Cognitive modulation of the cerebral processing of human oesophageal sensation using functional magnetic resonance imaging, **1671**
- attenuated familial adenomatous polyposis**, Attenuated familial adenomatous polyposis presenting as ampullary adenocarcinoma, **903**
- autoantibody**, Autoantibodies of patients with coeliac disease are insufficient to block tissue transglutaminase activity, **1562**
- autofluorescence**, Biopsy surveillance is still necessary in patients with Barrett's oesophagus despite new endoscopic imaging techniques, **18**
- autoimmune gastritis**, Inhibitory effects of *Helicobacter pylori* infection on murine autoimmune gastritis, **1102**
- autoimmune hepatitis**, A 10 year follow up study of patients transplanted for autoimmune hepatitis: histological recurrence precedes clinical and biochemical recurrence, **893**
- avenin**, Avenin fails to induce a Th1 response in coeliac tissue following in vitro culture, **47**
- azathioprine**, Safe treatment of thiopurine S-methyltransferase deficient Crohn's disease patients with azathioprine, **140**
- azoxymethane**, The Cdx2 homeobox gene has a tumour suppressor function in the distal colon in addition to a homeotic role during gut development, **1465**
- B cell lymphoma**, Five years of complete remission of gastric diffuse large B cell lymphoma after eradication of *Helicobacter pylori* infection, **507**  
Long term follow up of *Helicobacter pylori* induced gastric diffuse large B cell MALT lymphoma following eradication treatment alone, **1385**
- babA2**, Host gastric Lewis expression determines the bacterial density of *Helicobacter pylori* in babA2 genopositive infection, **927**
- baclofen**, Effect of acute and chronic administration of the GABA<sub>B</sub> agonist baclofen on 24 hour pH metry and symptoms in control subjects and in patients with gastro-oesophageal reflux disease, **464**
- bacteria**, Antibiotics with a selective aerobic or anaerobic spectrum have different therapeutic activities in various regions of the colon in interleukin 10 gene deficient mice, **1721**  
Induction of experimental ulcerative colitis by *Fusobacterium varium* isolated from colonic mucosa of patients with ulcerative colitis, **79**  
The dendritic cell: its role in intestinal inflammation and relationship with gut bacteria, **1522**
- bacterial translocation**, Administration of protegrin peptide IB-367 to prevent endotoxin induced mortality in bile duct ligated rats, **874**  
Increased nitric oxide excretion in patients with severe acute pancreatitis: evidence of an endotoxin mediated inflammatory response?, **270**  
Increased tumour necrosis factor  $\gamma$  production in mesenteric lymph nodes of cirrhotic patients with ascites, **1054**
- Barostat**, Fundic accommodation assessed by SPECT scanning: comparison with the gastric barostat, **1548**  
Severe idiopathic gastroparesis due to neuronal and interstitial cells of Cajal degeneration: pathological findings and management, **966**
- Barrett's metaplasia**, Upregulation of the oncogene c-myc in Barrett's adenocarcinoma: induction of c-myc by acidified bile acid in vitro, **174**
- Barrett's oesophagus**, Ablative mucosectomy is the procedure of choice to prevent Barrett's cancer, **14**  
Ablative mucosectomy is the procedure of choice to prevent Barrett's cancer, **16**  
Barrett's oesophagus: epidemiology comes up with a surprise, **1079**  
Biopsy surveillance is still necessary in patients with Barrett's oesophagus despite new endoscopic imaging techniques, **18**  
Can extent of high grade dysplasia in Barrett's oesophagus predict the presence of adenocarcinoma at oesophagectomy?, **486**  
Endoscopic surveillance in Barrett's oesophagus, **612**  
Magnification chromoendoscopy for the detection of intestinal metaplasia and dysplasia in Barrett's oesophagus, **24**  
Mortality in Barrett's oesophagus: results from a population based study, **1081**  
New imaging techniques: promise or passe, **1072**  
Oesophageal pH monitoring in Barrett's oesophagus, **153**  
s, m, L, XL . . . , **5**  
Time gated fluorescence spectroscopy in Barrett's oesophagus, **28**
- bcl-2 family**, Butyrate induced Caco-2 cell apoptosis is mediated via the mitochondrial pathway, **94**
- bezafibrate**, Gall bladder dysmotility: a risk factor for gall stone formation in hypertriglyceridaemia and reversal on triglyceride lowering therapy by bezafibrate and fish oil, **109**
- bile**, ABC of oral bioavailability: transporters as gatekeepers in the gut, **1788**  
Cholestasis, **ii43**  
Expression and regulation of scavenger receptor class B type I (SR-BI) in gall bladder epithelium, **1017**
- bile acid**, Intestinal absorption of the bile acid analogue <sup>75</sup>Se-homocholic acid-taurine is increased in primary biliary cirrhosis, and reverts to normal during ursodeoxycholic acid administration, **1371**  
Upregulation of the oncogene c-myc in Barrett's adenocarcinoma: induction of c-myc by acidified bile acid in vitro, **174**
- bile acid synthesis**, Mutations in *SRD5B1* (*AKR1D1*), the gene encoding  $\Delta^4$ -3-oxosteroid 5 $\beta$ -reductase, in hepatitis and liver failure in infancy, **1494**
- bile acid treatment**, Mutations in *SRD5B1* (*AKR1D1*), the gene encoding  $\Delta^4$ -3-oxosteroid 5 $\beta$ -reductase, in hepatitis and liver failure in infancy, **1494**
- bile acids**, Bilirubin, a curse and a boon, **1668**  
Bilirubin inhibits bile acid induced apoptosis in rat hepatocytes, **1774**

- Cholestasis**, ii43  
Inappropriate ileal conservation of bile acids in cholestatic liver disease: homeostasis gone awry, **1239**
- bile duct ligation**, Effect of neonatal capsaicin treatment on haemodynamics and renal function in cirrhotic rats, **293**
- bile salts**, Cholestasis, ii43
- biliary pain**, Scintigraphy versus manometry in patients with suspected biliary sphincter of Oddi dysfunction, **352**
- biliary tract**, Familial liver and gall bladder cancer: a nationwide epidemiological study from Sweden, **592**  
Risk factors for recurrent bile duct stones after endoscopic papillotomy, **116**
- bilirubin**, Bilirubin, a curse and a boon, **1668**  
Bilirubin inhibits bile acid induced apoptosis in rat hepatocytes, **1774**
- biopsy**, Is intestinal metaplasia of the stomach reversible?, **1**  
Measurement and determinants of the natural history of liver fibrosis in hepatitis C virus infection: a cross sectional and longitudinal study, **574**  
New imaging techniques: promise or passe, **1072**
- biotransformation enzyme**, Genetic polymorphisms in biotransformation enzymes in Crohn's disease: association with microsomal epoxide hydrolase, **547**
- bleeding peptic ulcer**, Bleeding peptic ulcer, **315**
- bloating**, Influence of body posture on intestinal transit of gas, **971**
- blood flow**, Direct measurement of acid permeation into rat oesophagus, **775**
- blood vessels**, Abnormal vascular network complexity: a new phenotypic marker in hereditary non-polyposis colorectal cancer syndrome, **1764**  
Diagnosing Lynch syndrome: is the answer in the mouth?, **1665**
- body posture**, Influence of body posture on intestinal transit of gas, **971**
- bone fracture**, Fracture experience of patients with coeliac disease: a population based survey, **518**  
Is fracture risk increased in patients with coeliac disease?, **459**
- BQ-123**, Enhanced vasodilatation to endothelin antagonism in patients with compensated cirrhosis and the role of nitric oxide, **410**
- brain**, Cognitive modulation of the cerebral processing of human oesophageal sensation using functional magnetic resonance imaging, **1671**
- brain natriuretic peptide**, Increased circulating pro-brain natriuretic peptide (proBNP) and brain natriuretic peptide (BNP) in patients with cirrhosis: relation to cardiovascular dysfunction and severity of disease, **1511**  
Origins of cardiac dysfunction in cirrhosis, **1392**
- BRCA1 locus**, Prognostic significance of the allelic loss of the BRCA1 gene in colorectal cancer, **1756**
- brush border**, Scavenger receptor class B type I (SR-BI) in pig enterocytes: trafficking from the brush border to lipid droplets during fat absorption, **1424**
- Bsep**, Impaired localisation and transport function of canalicular Bsep in taurolithocholate induced cholestasis in the rat, **1170**
- Budd-Chiari syndrome**, Budd-Chiari syndrome with portal, splenic, and superior mesenteric vein thrombosis treated with TIPS: who dares wins, **438**
- budesonide**, The locally acting glucocorticosteroid budesonide enhances intestinal sugar uptake following intestinal resection in rats, **252**
- C282Y mutation**, Heterozygous recipient and donor HFE mutations associated with a hereditary haemochromatosis phenotype after liver transplantation, **433**  
Lack of association between HFE gene mutations and hepatocellular carcinoma in patients with cirrhosis, **1178**  
Lessons from liver transplantation: flip, flop, and why?, **318**
- CA19.9**, A new cause for CA19.9 elevation: heavy tea consumption, **913**
- cachexia**, Effect of a protein and energy dense n-3 fatty acid enriched oral supplement on loss of weight and lean tissue in cancer cachexia: a randomised double blind trial, **1479**  
Nutritional therapy for cancer cachexia, **1391**
- Caco-2 cells**, Glutamine deprivation facilitates tumour necrosis factor induced bacterial translocation in Caco-2 cells by depletion of enterocyte fuel substrate, **224**
- caerulein**, Caerulein induced pancreatitis, **315**  
Caerulein induced pancreatitis, **452**
- cag pathogenicity island**, *Helicobacter pylori* upregulates matrilysin (MMP-7) in epithelial cells in vivo and in vitro in a Cag dependent manner, **1408**
- calcitonin gene related peptide**, Endogenous prostaglandin I<sub>2</sub> regulates the neural emergency system through release of calcitonin gene related peptide, **1242**
- calcium channel blockers**, Do calcium channel blockers and antimuscarinics protect against perforated colonic diverticular disease? A case control study, **1734**
- calgranulin C**, Neutrophil derived human S100A12 (EN-RAGE) is strongly expressed during chronic active inflammatory bowel disease, **847**
- cancer**, Barrett's oesophagus: epidemiology comes up with a surprise, **1079**  
Mortality in Barrett's oesophagus: results from a population based study, **1081**  
Mortality study of 18 000 patients treated with omeprazole, **942**
- cancer cells**, Butyrate induced Caco-2 cell apoptosis is mediated via the mitochondrial pathway, **94**
- cancer prevention**, Ablative mucosectomy is the procedure of choice to prevent Barrett's cancer, **14**  
Ablative mucosectomy is the procedure of choice to prevent Barrett's cancer, **16**  
Genetic testing for polyposis: practical and ethical aspects, ii19
- capsaicin**, Capsaicin and menthol in the treatment of itch and pain: recently cloned receptors provide the key, **1233**  
Endogenous prostaglandin I<sub>2</sub> regulates the neural emergency system through release of calcitonin gene related peptide, **1242**
- carbohydrate associated antigen**, A new cause for CA19.9 elevation: heavy tea consumption, **913**
- carbon monoxide**, Immunomodulatory effects of inhaled carbon monoxide on rat syngeneic small bowel graft motility, **1278**
- carboxyfluorescein**, Direct measurement of acid permeation into rat oesophagus, **775**
- CARD15 gene**, CARD15/NOD2 gene variants are associated with familiarly occurring and complicated forms of Crohn's disease, **558**
- CARD15/Nod2**, Card15 gene overexpression in mononuclear and epithelial cells of the inflamed Crohn's disease colon, **840**
- CARD4/NOD1**, CARD4/NOD1 is not involved in inflammatory bowel disease, **71**
- cardia**, Conditions for acid catalysed luminal nitrosation are maximal at the gastric cardia, **1095**
- cardiac dysfunction**, Increased circulating pro-brain natriuretic peptide (proBNP) and brain natriuretic peptide (BNP) in patients with cirrhosis: relation to cardiovascular dysfunction and severity of disease, **1511**  
Origins of cardiac dysfunction in cirrhosis, **1392**
- cardiac mucosa**, Fetal "cardiac mucosa" is not adult cardiac mucosa, **1798**  
On the existence and location of cardiac mucosa: an autopsy study in embryos, fetuses, and infants, **791**
- cardiac ventricular peptides**, Increased circulating pro-brain natriuretic peptide (proBNP) and brain natriuretic peptide (BNP) in patients with cirrhosis: relation to cardiovascular dysfunction and severity of disease, **1511**  
Origins of cardiac dysfunction in cirrhosis, **1392**
- cardiac ventricular peptides brain natriuretic peptide**, Origins of cardiac dysfunction in cirrhosis, **1392**
- case crossover**, Non-steroidal anti-inflammatory drugs as a risk factor for acute diarrhoea: a case crossover study, **260**
- caspase cascade**, Butyrate induced Caco-2 cell apoptosis is mediated via the mitochondrial pathway, **94**
- CD40**, Inducible CD40 expression mediates NF $\kappa$ B activation and cytokine secretion in human colonic fibroblasts, **1448**
- CD40 ligand**, Activated platelets are the source of elevated levels of soluble CD40 ligand in the circulation of inflammatory bowel disease patients, **1435**
- CD40L**, Inducible CD40 expression mediates NF $\kappa$ B activation and cytokine secretion in human colonic fibroblasts, **1448**
- Cdx**, The *Cdx2* homeobox gene has a tumour suppressor function in the distal colon in addition to a homeotic role during gut development, **1465**
- cellular proliferation**, In vivo imaging of cellular proliferation in colorectal cancer using positron emission tomography, **1602**
- c-fos**, Effect of neonatal capsaicin treatment on haemodynamics and renal function in cirrhotic rats, **293**
- chemoprevention**, Aspirin: still learning about the wonder drug, **1535**  
Suppressive effect of aspirin on aberrant crypt foci in patients with colorectal cancer, **1598**



- chemotherapy**, Intestinal complications after chemotherapy for patients with unresected primary colorectal cancer and synchronous metastases, **568**
- Child-Pugh score**, Child-Pugh versus MELD score in predicting survival in patients undergoing transjugular intrahepatic portosystemic shunt, **879**  
MELD scoring system is useful for predicting prognosis in patients with liver cirrhosis and is correlated with residual liver function: a European study, **134**
- children**, Evaluation of a novel monoclonal enzyme immunoassay for detection of *Helicobacter pylori* antigen in stool from children, **804**
- cholangiocarcinoma**, DNA adducts, detected by  $^{32}\text{P}$  postlabelling, in human cholangiocarcinoma, **586**
- cholangiocytes**, ATP binding cassette transporter gene expression in rat liver progenitor cells, **1060**
- cholecystectomy**, Scintigraphy versus manometry in patients with suspected biliary sphincter of Oddi dysfunction, **352**
- cholecystokinin**, Gall bladder dysmotility: a risk factor for gall stone formation in hypertriglyceridaemia and reversal on triglyceride lowering therapy by bezafibrate and fish oil, **109**  
Role of cognitive factors in symptom induction following high and low fat meals in patients with functional dyspepsia, **1414**
- cholelithiasis**, Gall bladder dysmotility: a risk factor for gall stone formation in hypertriglyceridaemia and reversal on triglyceride lowering therapy by bezafibrate and fish oil, **109**
- cholera**, Efficacy and tolerability of racecadotril in the treatment of cholera in adults: a double blind, randomised, controlled clinical trial, **1419**
- cholestasis**, Antidepressant induced cholestasis: hepatocellular redistribution of multidrug resistant protein (MRP2), **300**  
Bilirubin, a curse and a boon, **1668**  
Bilirubin inhibits bile acid induced apoptosis in rat hepatocytes, **1774**  
Cholestasis, **ii43**  
Impaired localisation and transport function of canalicular Bsep in tauroolithocholate induced cholestasis in the rat, **1170**  
Mutations in *SRD5B1* (*AKR1D1*), the gene encoding  $\Delta^4$ -3-oxosteroid  $5\beta$ -reductase, in hepatitis and liver failure in infancy, **1494**
- cholesterol**, Expression and regulation of scavenger receptor class B type I (SR-BI) in gall bladder epithelium, **1017**  
Scavenger receptor class B type I (SR-BI) in pig enterocytes: trafficking from the brush border to lipid droplets during fat absorption, **1424**  
Seroprevalence, correlates, and characteristics of undetected coeliac disease in England, **960**
- chromoendoscopy**, Magnification chromoendoscopy for the detection of intestinal metaplasia and dysplasia in Barrett's oesophagus, **24**
- chromoscopic colonoscopy**, High magnification chromoscopic colonoscopy as a screening tool in acromegaly, **1797**
- chromoscopy**, Magnification endoscopy, high resolution endoscopy, and chromoscopy; towards a better optical diagnosis, **iv7**
- chromosomal instability**, Telomere shortening of epithelial cells characterises the adenoma-carcinoma transition of human colorectal cancer, **1304**
- chronic diarrhoea**, Guidelines for the investigation of chronic diarrhoea, 2nd edition, **v1**
- chronic hepatitis**, Thrombotic risk factors and extent of liver fibrosis in chronic viral hepatitis, **404**  
Treatment of hepatitis C. The 2002 French consensus, **1784**
- chronic hepatitis B**, Durability of HBeAg seroconversion following antiviral therapy for chronic hepatitis B: relation to type of therapy and pretreatment serum hepatitis B virus DNA and alanine aminotransferase, **420**
- chronic pancreatitis**, Chronic pancreatitis: the perspective of pain generation by neuroimmune interaction, **907**
- chylomicron**, Mobilisation of enterocyte fat stores by oral glucose in humans, **834**
- CINOD**, Gastrointestinal safety of AZD3582, a cyclooxygenase inhibiting nitric oxide donor: proof of concept study in humans, **1537**
- cirrhosis**, Child-Pugh versus MELD score in predicting survival in patients undergoing transjugular intrahepatic portosystemic shunt, **879**  
Evidence for altered vascular responses to exogenous endothelin-1 in patients with advanced cirrhosis with restoration of the normal vasoconstrictor response following successful liver transplantation, **1505**  
Hepatic  $^{31}\text{P}$  MRS in rat models of chronic liver disease: assessing the extent and progression of disease, **1046**
- Hepatic osteodystrophy in rats results mainly from portosystemic shunting, **580**
- Increased urinary excretion of aquaporin 2 in patients with liver cirrhosis, **1194**
- Lack of association between HFE gene mutations and hepatocellular carcinoma in patients with cirrhosis, **1178**
- Liver microbubble transit time compared with histology and Child-Pugh score in diffuse liver disease: a cross sectional study, **1188**
- MELD scoring system is useful for predicting prognosis in patients with liver cirrhosis and is correlated with residual liver function: a European study, **134**
- Portopulmonary hypertension in decompensated cirrhosis with refractory ascites, **1355**
- Treatment of hepatitis C. The 2002 French consensus, **1784**
- cirrhotic cardiomyopathy**, Increased circulating pro-brain natriuretic peptide (proBNP) and brain natriuretic peptide (BNP) in patients with cirrhosis: relation to cardiovascular dysfunction and severity of disease, **1511**  
Origins of cardiac dysfunction in cirrhosis, **1392**
- clinical challenge**, Oats induced villous atrophy in coeliac disease, **1649**
- clinical trial**, Infliximab in moderately severe glucocorticoid resistant ulcerative colitis: a randomised controlled trial, **998**
- c-myc**, Upregulation of the oncogene c-myc in Barrett's adenocarcinoma: induction of c-myc by acidified bile acid in vitro, **174**
- coculture**, Short chain fatty acids stimulate epithelial mucin 2 expression through differential effects on prostaglandin  $\text{E}_1$  and  $\text{E}_2$  production by intestinal myofibroblasts, **1442**
- coeliac disease**,  $^{18}\text{F}$ -fluoro-deoxy-glucose positron emission tomography ( $^{18}\text{F}$ -FDG-PET) for assessment of enteropathy-type T cell lymphoma, **347**  
An immunodominant DQ8 restricted gliadin peptide activates small intestinal immune response in in vitro cultured mucosa from HLA-DQ8 positive but not HLA-DQ8 negative coeliac patients, **57**  
Antagonist European and North American populations should be screened for coeliac disease, **170**  
Autoantibodies of patients with coeliac disease are insufficient to block tissue transglutaminase activity, **1562**  
Avenin fails to induce a Th1 response in coeliac tissue following in vitro culture, **47**  
Coeliac disease: is case finding the correct ethical and logistical approach?, **1070**  
Coeliac disease: in vivo toxicity of the putative immunodominant epitope, **1698**  
Detecting the risks of osteoporotic fractures in coeliac disease, **1229**  
Early effects of gliadin on enterocyte intracellular signalling involved in intestinal barrier function, **218**  
Elevation of IgG antibodies against tissue transglutaminase as a diagnostic tool for coeliac disease in selective IgA deficiency, **1567**  
Fracture experience of patients with coeliac disease: a population based survey, **518**  
Gastrointestinal intraepithelial lymphocytes and T cell lymphomas, **163**  
Gliadin peptide specific intestinal T cells in coeliac disease, **162**  
HLA-DQ8 as an Ir gene in coeliac disease, **7**  
Investigation of the putative immunodominant T cell epitopes in coeliac disease, **212**  
Is fracture risk increased in patients with coeliac disease?, **459**  
Missing endomysial and reticulin binding of coeliac antibodies in transglutaminase 2 knockout tissues, **199**  
Oats induced villous atrophy in coeliac disease, **1649**  
Osteoporosis and liver disease: additional reasons for coeliac disease screening, **452**  
Protagonist European and North American populations should be screened for coeliac disease, **168**  
Reflux oesophagitis in adult coeliac disease: beneficial effect of a gluten free diet, **514**  
Refractory coeliac sprue is a diffuse gastrointestinal disease, **205**  
Risk of fracture in coeliac disease, **1532**  
Seroprevalence, correlates, and characteristics of undetected coeliac disease in England, **960**  
Small bowel neoplasia in coeliac disease, **1211**
- cognitive factors**, Role of cognitive factors in symptom induction following high and low fat meals in patients with functional dyspepsia, **1414**
- colectomy**, Ten year follow up of ulcerative colitis patients with and without low grade dysplasia, **1127**

- colitis**, Antibiotics with a selective aerobic or anaerobic spectrum have different therapeutic activities in various regions of the colon in interleukin 10 gene deficient mice, **1721**
- Cyclooxygenase 2 mediates post-inflammatory colonic secretory and barrier dysfunction, **1714**
- Lactobacillus GG* prevents recurrence of colitis in HLA-B27 transgenic rats after antibiotic treatment, **370**
- Local delivery of adenoviral vectors encoding murine interleukin 10 induces colonic interleukin 10 production and is therapeutic for murine colitis, **363**
- Local delivery of adenoviral vectors encoding murine interleukin 10 induces colonic interleukin 10 production and is therapeutic for murine colitis, **981**
- collagenous colitis**, Budesonide treatment of collagenous colitis: a randomised, double blind, placebo controlled trial with morphometric analysis, **248**
- Collagenous colitis: constipation or diarrhoea?, **1230**
- Diversion colitis with a mucosal tear on endoscopic insufflation, **1388**
- colon**, Card15 gene overexpression in mononuclear and epithelial cells of the inflamed Crohn's disease colon, **840**
- Extracolonic findings at computed tomography colonography are a challenge, **1744**
- Isolation, maturational level, and functional capacity of human colon lamina propria plasma cells, **383**
- Molecular and functional studies of electrogenic Na<sup>+</sup> transport in the distal colon and rectum of young and elderly subjects, **1607**
- Patterns of expression of MMR proteins in serrated adenomas and other polyps of the colorectum, **611**
- Superoxide production and expression of NAD(P)H oxidases by transformed and primary human colonic epithelial cells, **231**
- The *Cdx2* homeobox gene has a tumour suppressor function in the distal colon in addition to a homeotic role during gut development, **1465**
- colon cancer**, Aspirin: still learning about the wonder drug, **1535**
- Potential role for peroxisome proliferator activated receptor (PPAR) in preventing colon cancer, **1317**
- Relations between amount and type of alcohol and colon and rectal cancer in a Danish population based cohort study, **861**
- colonic mucosa**, Induction of experimental ulcerative colitis by *Fusobacterium varium* isolated from colonic mucosa of patients with ulcerative colitis, **79**
- colonic neoplasms**, Are proximal colorectal cancers always associated with distal adenomas?, **317**
- Grading of distal colorectal adenomas as predictors for proximal colonic neoplasia and choice of endoscope in population screening: experience from the Norwegian Colorectal Cancer Prevention study (NORCCAP), **398**
- Influence of dietary factors on colorectal cancer survival, **868**
- colonic-type metaplasia**, Gastric intestinal metaplasia as detected by a monoclonal antibody is highly associated with gastric adenocarcinoma, **807**
- colonography**, Extracolonic findings at computed tomography colonography are a challenge, **1744**
- colonoscopy**, Guidelines for colonoscopic screening in acromegaly are inconsistent with those for other high risk groups, **1071**
- High magnification chromoscopic colonoscopy as a screening tool in acromegaly, **1797**
- Meeting report of the British Society for Gastroenterology Meeting, March 2003, **1383**
- Prevalence and incidence of hyperplastic polyps and adenomas in familial colorectal cancer: correlation between the two types of colon polyps, **1140**
- colorectal cancer**, Abnormal vascular network complexity: a new phenotypic marker in hereditary non-polyposis colorectal cancer syndrome, **1764**
- Antagonist population based endoscopic screening for colorectal cancer, **323**
- Colorectal screening guidelines in acromegaly, **1387**
- Diagnosing Lynch syndrome: is the answer in the mouth?, **1665**
- Effect of a rapid access flexible sigmoidoscopy clinic on the yield of early stage rectal cancer, **1229**
- Guidelines for colonoscopic screening in acromegaly are inconsistent with those for other high risk groups, **1071**
- In vivo imaging of cellular proliferation in colorectal cancer using positron emission tomography, **1602**
- Mutant K-ras2 in serum, **915**
- Prevalence and incidence of hyperplastic polyps and adenomas in familial colorectal cancer: correlation between the two types of colon polyps, **1140**
- Prognostic significance of the allelic loss of the BRCA1 gene in colorectal cancer, **1756**
- Protagonist population based endoscopic screening for colorectal cancer, **321**
- Telomere shortening of epithelial cells characterises the adenoma-carcinoma transition of human colorectal cancer, **1304**
- Ten year follow up of ulcerative colitis patients with and without low grade dysplasia, **1127**
- Virtual magnetic resonance colonography, **iv17**
- colorectal cancer**, Population based endoscopic screening for colorectal cancer, **321**
- colorectal carcinogenesis**, Suppressive effect of aspirin on aberrant crypt foci in patients with colorectal cancer, **1598**
- colorectal carcinoma**, A prospective study of circulating mutant *KRAS*2 in the serum of patients with colorectal neoplasia: strong prognostic indicator in postoperative follow up, **101**
- A rat virus visits the clinic: translating basic discoveries into clinical medicine in the 21st century, **8**
- colorectal masses**, Dark lumen magnetic resonance colonography: comparison with conventional colonoscopy for the detection of colorectal pathology, **1738**
- The virtuosity of virtuality or how real is virtual colonography, **1662**
- colorectal neoplasm**, Intestinal complications after chemotherapy for patients with unresected primary colorectal cancer and synchronous metastases, **568**
- colorectal neoplasms**, Abnormal vascular network complexity: a new phenotypic marker in hereditary non-polyposis colorectal cancer syndrome, **1764**
- Diagnosing Lynch syndrome: is the answer in the mouth?, **1665**
- colorectal screening**, Extracolonic findings at computed tomography colonography are a challenge, **1744**
- combination therapy**, Durability of HBeAg seroconversion following antiviral therapy for chronic hepatitis B: relation to type of therapy and pretreatment serum hepatitis B virus DNA and alanine aminotransferase, **420**
- common bile duct calculi**, Risk factors for recurrent bile duct stones after endoscopic papillotomy, **116**
- common bile duct stones**, Endoscopic balloon dilatation versus endoscopic sphincterotomy for the removal of bile duct stones: a prospective randomised trial, **1165**
- computed tomography**, Extracolonic findings at computed tomography colonography are a challenge, **1744**
- confocal microscopy**, Direct measurement of acid permeation into rat oesophagus, **775**
- Tissue and cell imaging in situ: potential for applications in pathology and endoscopy, **iv1**
- contipation**, Collagenous colitis: constipation or diarrhoea?, **1230**
- conventional colonoscopy**, Dark lumen magnetic resonance colonography: comparison with conventional colonoscopy for the detection of colorectal pathology, **1738**
- The virtuosity of virtuality or how real is virtual colonography, **1662**
- cost effectiveness**, Cost effectiveness of pegylated interferon alpha 2b and ribavirin combination in chronic hepatitis C, **1532**
- cost effectiveness analysis**, Cost effectiveness of peginterferon  $\gamma$ -2b plus ribavirin versus interferon  $\gamma$ -2b plus ribavirin for initial treatment of chronic hepatitis C, **425**
- COX-2**, COX-2 dependent inflammation increases spinal Fos expression during rodent postoperative ileus, **527**
- COX-2 inhibitor**, Monocyte chemoattractant protein 1 (MCP-1) released from *Helicobacter pylori* stimulated gastric epithelial cells induces cyclooxygenase 2 expression and activation in T cells, **1257**
- COX-2 inhibitors**, Non-steroidal anti-inflammatory drugs: overall risks and management. Complementary roles for COX-2 inhibitors and proton pump inhibitors, **600**
- coxib**, Incidence of gastroduodenal ulcers in patients with rheumatoid arthritis after 12 weeks of rofecoxib, naproxen, or placebo: a multicentre, randomised, double blind study, **820**
- creatinine**, MELD scoring system is useful for predicting prognosis in patients with liver cirrhosis and is correlated with residual liver function: a European study, **134**
- Crohn's disease**, Activated platelets are the source of elevated levels of soluble CD40 ligand in the circulation of inflammatory bowel disease patients, **1435**

- Adult height in patients with early onset of Crohn's disease, **454**
- Alterations of the dominant faecal bacterial groups in patients with Crohn's disease of the colon, **237**
- Analysis of the *IBD5* locus and potential gene-gene interactions in Crohn's disease, **541**
- Association between K469E allele of intercellular adhesion molecule 1 gene and inflammatory bowel disease in a Japanese population, **75**
- Card15 gene overexpression in mononuclear and epithelial cells of the inflamed Crohn's disease colon, **840**
- CARD15/NOD2 gene variants are associated with familialy occurring and complicated forms of Crohn's disease, **558**
- CARD4/NOD1 is not involved in inflammatory bowel disease, **71**
- Changing pattern of paediatric inflammatory bowel disease in northern Stockholm 1990–2001, **1432**
- Contrast enhanced magnetic resonance imaging of the terminal ileum in children with Crohn's disease, **393**
- Crohn's disease or Crohn's diseases?, **460**
- Diagnosing small bowel Crohn's disease with wireless capsule endoscopy, **1531**
- Diagnosing small bowel Crohn's disease with wireless capsule endoscopy, **390**
- Double blind, placebo controlled trial of two probiotic strains in interleukin 10 knockout mice and mechanistic link with cytokine balance, **975**
- Early development of stricturing or penetrating pattern in Crohn's disease is influenced by disease location, number of flares, and smoking but not by NOD2/CARD15 genotype, **552**
- Expression of NOD2 in Paneth cells: a possible link to Crohn's ileitis, **1591**
- Fulminant Crohn's colitis after allogeneic stem cell transplantation, **1518**
- Genetic polymorphisms in biotransformation enzymes in Crohn's disease: association with microsomal epoxide hydrolase, **547**
- Genotype-phenotype analysis of the Crohn's disease susceptibility haplotype on chromosome 5q31, **1133**
- Isolation of peptides useful for differential diagnosis of Crohn's disease and ulcerative colitis, **535**
- Mycobacterium avium* subspecies *paratuberculosis* as a cause of Crohn's disease, **155**
- Neutrophil derived human S100A12 (EN-RAGE) is strongly expressed during chronic active inflammatory bowel disease, **847**
- NOD2/CARD15 and the Paneth cell: another piece in the genetic jigsaw of inflammatory bowel disease, **1533**
- Prevalence of gastrointestinal diseases in two British national birth cohorts, **1117**
- Severe polyneuropathy complicating active Crohn's disease: rapid response to Infliximab, **1070**
- Transplanting the genetic susceptibility to Crohn's disease, **1394**
- cyclooxygenase**, Cyclooxygenase 2 mediates post-inflammatory colonic secretory and barrier dysfunction, **1714**
- Gastrointestinal safety of AZD3582, a cyclooxygenase inhibiting nitric oxide donor: proof of concept study in humans, **1537**
- Monocyte chemoattractant protein 1 (MCP-1) released from *Helicobacter pylori* stimulated gastric epithelial cells induces cyclooxygenase 2 expression and activation in T cells, **1257**
- cyclooxygenase 1**, The COX controversy: viewpoint 2. New dogmas or old?, **1379**
- cyclooxygenase 2**, Comparison of cyclooxygenase 2 expression in adenocarcinomas of the gastric cardia and distal oesophagus, **1678**
- The COX controversy: viewpoint 2. New dogmas or old?, **1379**
- cyclooxygenase inhibitors**, The COX controversy: viewpoint 1. NSAIDs: the Emperor's new dogma?, **1376**
- cyclooxygenase-2 inhibitor**, Incidence of gastroduodenal ulcers in patients with rheumatoid arthritis after 12 weeks of rofecoxib, naproxen, or placebo: a multicentre, randomised, double blind study, **820**
- cyclophosphamide**, Safety and efficacy of intravenous pulse cyclophosphamide in acute steroid refractory inflammatory bowel disease, **377**
- cyclosporin**, Cyclosporin for refractory ulcerative colitis, **172**
- cystic fibrosis**, Chronic pancreatitis and cystic fibrosis, **ii32**
- Molecular consequences of cystic fibrosis transmembrane regulator (CFTR) gene mutations in the exocrine pancreas, **1159**
- cystic fibrosis transmembrane conductance regulator**, Distribution of aquaporin water channels AQP1 and AQP5 in the ductal system of the human pancreas, **1008**
- cystic fibrosis transmembrane regulator**, Molecular consequences of cystic fibrosis transmembrane regulator (CFTR) gene mutations in the exocrine pancreas, **1159**
- cytochrome-c**, Butyrate induced Caco-2 cell apoptosis is mediated via the mitochondrial pathway, **94**
- cytokines**, A randomised placebo controlled trial of pegylated interferon  $\alpha$  in active ulcerative colitis, **1728**
- Antibiotics with a selective aerobic or anaerobic spectrum have different therapeutic activities in various regions of the colon in interleukin 10 gene deficient mice, **1721**
- Double blind, placebo controlled trial of two probiotic strains in interleukin 10 knockout mice and mechanistic link with cytokine balance, **975**
- Effect of a protein and energy dense n-3 fatty acid enriched oral supplement on loss of weight and lean tissue in cancer cachexia: a randomised double blind trial, **1479**
- Glutamine deprivation facilitates tumour necrosis factor induced bacterial translocation in Caco-2 cells by depletion of enterocyte fuel substrate, **224**
- Immunomodulatory effects of inhaled carbon monoxide on rat syngeneic small bowel graft motility, **1278**
- Increased expression of interleukin 17 in inflammatory bowel disease, **65**
- Increased tumour necrosis factor  $\gamma$  production in mesenteric lymph nodes of cirrhotic patients with ascites, **1054**
- Inducible CD40 expression mediates NF $\kappa$ B activation and cytokine secretion in human colonic fibroblasts, **1448**
- Interferon  $\beta$ -1a in ulcerative colitis: a placebo controlled, randomised, dose escalating study, **1286**
- Interleukin 10 genotypes in irritable bowel syndrome: evidence for an inflammatory component?, **91**
- Lactobacillus* GG prevents recurrence of colitis in HLA-B27 transgenic rats after antibiotic treatment, **370**
- Nutritional therapy for cancer cachexia, **1391**
- Das-1**, Gastric intestinal metaplasia as detected by a monoclonal antibody is highly associated with gastric adenocarcinoma, **807**
- Dcytb**, Duodenal expression of iron transport molecules in untreated haemochromatosis subjects, **953**
- decision analysis**, Dyspepsia management in the millennium: to test and treat or not?, **10**
- decision making**, Cost effectiveness of peginterferon  $\gamma$ -2b plus ribavirin versus interferon  $\gamma$ -2b plus ribavirin for initial treatment of chronic hepatitis C, **425**
- defecography**, Non-invasive investigation of gastrointestinal functions with magnetic resonance imaging: towards an "ideal" investigation of gastrointestinal function, **iv34**
- dendritic cell**, The dendritic cell: its role in intestinal inflammation and relationship with gut bacteria, **1522**
- dendritic cells**, Dendritic cells and immune regulation in the liver, **307**
- dermatitis herpetiformis**, Missing endomysial and reticulin binding of coeliac antibodies in transglutaminase 2 knockout tissues, **199**
- dexamethasone**, The locally acting glucocorticosteroid budesonide enhances intestinal sugar uptake following intestinal resection in rats, **252**
- diabetes**, Antagonism of ghrelin receptor reduces food intake and body weight gain in mice, **947**
- Gut and mind, **918**
- Worsening of steatosis and fibrosis progression, **1385**
- diabetes mellitus**, Gastric inhibitory polypeptide links overnutrition to obesity, **319**
- diagnosis**, Diagnosing small bowel Crohn's disease with wireless capsule endoscopy, **390**
- diagnostic evaluation**, Guidelines for the investigation of chronic diarrhoea, 2nd edition, **v1**
- diarrhoea**, Budesonide treatment of collagenous colitis: a randomised, double blind, placebo controlled trial with morphometric analysis, **248**
- Collagenous colitis: constipation or diarrhoea?, **1230**
- Efficacy and tolerability of racecadotril in the treatment of cholera in adults: a double blind, randomised, controlled clinical trial, **1419**
- Guidelines for the investigation of chronic diarrhoea, 2nd edition, **v1**
- dibutyl-*c*AMP**, Impaired localisation and transport function of canalicular Bsep in tauroolithocholate induced cholestasis in the rat, **1170**
- diet**, Conditions for acid catalysed luminal nitrosation are maximal at the gastric cardia, **1095**



- Influence of dietary factors on colorectal cancer survival, **868**
- dietary fat**, Role of cognitive factors in symptom induction following high and low fat meals in patients with functional dyspepsia, **1414**
- disease behaviour**, Crohn's disease or Crohn's diseases?, **460**  
Early development of stricturing or penetrating pattern in Crohn's disease is influenced by disease location, number of flares, and smoking but not by NOD2/CARD15 genotype, **552**
- disease free survival**, Prognostic significance of the allelic loss of the BRCA1 gene in colorectal cancer, **1756**
- disease phenotype**, CARD15/NOD2 gene variants are associated with familiarly occurring and complicated forms of Crohn's disease, **558**
- distal oesophagus**, Comparison of cyclooxygenase 2 expression in adenocarcinomas of the gastric cardia and distal oesophagus, **1678**
- DMT1**, Duodenal expression of iron transport molecules in untreated haemochromatosis subjects, **953**
- DNA**, A prospective study of circulating mutant KRAS2 in the serum of patients with colorectal neoplasia: strong prognostic indicator in postoperative follow up, **101**  
A rat virus visits the clinic: translating basic discoveries into clinical medicine in the 21st century, **8**
- DNA adducts**, DNA adducts, detected by <sup>32</sup>P postlabelling, in human cholangiocarcinoma, **586**
- Doppler**, Liver microbubble transit time compared with histology and Child-Pugh score in diffuse liver disease: a cross sectional study, **1188**
- drug**, Second infection with a different hepatitis C virus genotype in a intravenous drug user during interferon therapy, **900**
- duodenal cancer**, Attenuated familial adenomatous polyposis presenting as ampullary adenocarcinoma, **903**
- duodenal ulcer**, *Helicobacter pylori* infection induces duodenitis and superficial duodenal ulcer in Mongolian gerbils, **797**
- duodenitis**, *Helicobacter pylori* infection induces duodenitis and superficial duodenal ulcer in Mongolian gerbils, **797**
- dyspepsia**, Dyspepsia management in the millennium: to test and treat or not?, **10**  
Effect of *Helicobacter pylori* eradication on development of dyspeptic and reflux disease in healthy asymptomatic subjects, **1543**  
Fundic accommodation assessed by SPECT scanning: comparison with the gastric barostat, **1548**  
Role of cognitive factors in symptom induction following high and low fat meals in patients with functional dyspepsia, **1414**
- dysphagia**, A randomised prospective comparison of the Flamingo Wallstent and Ultraflex stent for palliation of dysphagia associated with lower third oesophageal carcinoma, **922**  
Biomechanics, diagnosis, and treatment outcome in inflammatory myopathy presenting as oropharyngeal dysphagia, **471**  
Eosinophilic oesophagitis: a novel treatment using Montelukast, **181**
- dysplasia**, Fluorescence endoscopy for the detection of low and high grade dysplasia in ulcerative colitis using systemic or local 5-aminolaevulinic acid sensitisation, **1003**  
New imaging techniques: promise or passe, **1072**  
Patterns of expression of MMR proteins in serrated adenomas and other polyps of the colorectum, **611**  
Rapidly progressive adenomatous polyposis in a patient with germline mutations in both the APC and MLH1 genes: the worst of two worlds, **898**  
s, m, L, XL . . . , **5**
- E-cadherin methylation**, Promoter methylation of *E-cadherin* gene in gastric mucosa associated with *Helicobacter pylori* infection and in gastric cancer, **502**
- eicosapentaenoic acid**, Effect of a protein and energy dense n-3 fatty acid enriched oral supplement on loss of weight and lean tissue in cancer cachexia: a randomised double blind trial, **1479**  
Nutritional therapy for cancer cachexia, **1391**
- electron spin resonance**, In vivo electron spin resonance spectroscopy: what use is it to gastroenterologists?, **1236**  
Mucosal sulfhydryl compounds evaluation by in vivo electron spin resonance spectroscopy in mice with experimental colitis, **1291**
- Endocinch**, Endocinch therapy for gastro-oesophageal reflux disease: a one year prospective follow up, **34**
- endomysial antibodies**, Missing endomysial and reticulin binding of coeliac antibodies in transglutaminase 2 knockout tissues, **199**
- endopeptidase**, Neutral endopeptidase (EC 3.4.24.11) downregulates the onset of intestinal inflammation in the nematode infected mouse, **1457**
- endoscopic balloon dilatation**, Endoscopic balloon dilatation versus endoscopic sphincterotomy for the removal of bile duct stones: a prospective randomised trial, **1165**
- endoscopic biopsy**, Biopsy surveillance is still necessary in patients with Barrett's oesophagus despite new endoscopic imaging techniques, **18**
- endoscopic insufflation**, Finding mucosal tears in collagenous colitis during colonoscopic insufflation, **613**  
Mucosal tears on endoscopic insufflation, **613**
- endoscopic plication**, Endocinch therapy for gastro-oesophageal reflux disease: a one year prospective follow up, **34**
- endoscopic retrograde cholangiopancreatography**, Intravenous bolus somatostatin after diagnostic cholangiopancreatography reduces the incidence of pancreatitis associated with therapeutic endoscopic retrograde cholangiopancreatography procedures: a randomised controlled trial, **1768**
- endoscopic screening**, Effect of a rapid access flexible sigmoidoscopy clinic on the yield of early stage rectal cancer, **1229**
- endoscopic sphincterotomy**, Endoscopic balloon dilatation versus endoscopic sphincterotomy for the removal of bile duct stones: a prospective randomised trial, **1165**  
Risk factors for recurrent bile duct stones after endoscopic papillotomy, **116**
- endoscopic surveillance**, Endoscopic surveillance in Barrett's oesophagus, **612**
- endoscopic techniques**, Magnification endoscopy, high resolution endoscopy, and chromoscopy; towards a better optical diagnosis, **iv7**
- endoscopic ultrasonography**, Endoscopic ultrasonography: imaging and beyond, **1220**
- endoscopy**, Antagonist population based endoscopic screening for colorectal cancer, **323**  
Bleeding peptic ulcer, **315**  
Delivery of radiofrequency energy to the lower oesophageal sphincter and gastric cardia inhibits transient lower oesophageal sphincter relaxations and gastro-oesophageal reflux in patients with reflux disease, **479**  
Diagnosing small bowel Crohn's disease with wireless capsule endoscopy, **1531**  
Diversion colitis with a mucosal tear on endoscopic insufflation, **1388**  
Endoscopic ultrasonography: imaging and beyond, **1220**  
Improving endoscopic resolution and sampling: fluorescence techniques, **iv30**  
Is intestinal metaplasia of the stomach reversible?, **1**  
New imaging techniques: promise or passe, **1072**  
Novel methods of enhanced endoscopic imaging, **iv12**  
Pathology and cost effectiveness of endoscopy surveillance for premalignant gastric lesions, **453**  
Physician-technician, **1657**  
Platelet count/spleen diameter ratio: proposal and validation of a non-invasive parameter to predict the presence of oesophageal varices in patients with liver cirrhosis, **1200**  
Protagonist population based endoscopic screening for colorectal cancer, **321**  
s, m, L, XL . . . , **5**
- endothelin**, Evidence for altered vascular responses to exogenous endothelin-1 in patients with advanced cirrhosis with restoration of the normal vasoconstrictor response following successful liver transplantation, **1505**
- endothelin 1**, Portopulmonary hypertension in decompensated cirrhosis with refractory ascites, **1355**
- endotoxin**, Administration of protegrin peptide IB-367 to prevent endotoxin induced mortality in bile duct ligated rats, **874**
- energy intake**, Influence of dietary factors on colorectal cancer survival, **868**
- EN-RAGE**, Neutrophil derived human S100A12 (EN-RAGE) is strongly expressed during chronic active inflammatory bowel disease, **847**
- enteral feeding**, Guidelines for enteral feeding in adult hospital patients, **viii1**
- enteric nerves**, Tachykinins potently stimulate human small bowel blood flow: a laser Doppler flowmetry study in humans, **53**
- enteric nervous system**, Neutral endopeptidase (EC 3.4.24.11) downregulates the onset of intestinal inflammation in the nematode infected mouse, **1457**

- enteric pathogens**, Intestinal epithelial responses to enteric pathogens: effects on the tight junction barrier, ion transport, and inflammation, **439**
- enterocyte cytoskeleton**, Early effects of gliadin on enterocyte intracellular signalling involved in intestinal barrier function, **218**
- enteroendocrine cells**, Autocrine growth inhibition by transforming growth factor  $\beta$ -1 (TGF $\beta$ -1) in human neuroendocrine tumour cells, **1308**  
Keeping neuroendocrine cells in check: roles for TGF $\beta$ , Smads, and menin?, **1237**
- enteroinvasive *Escherichia coli***, Live probiotics protect intestinal epithelial cells from the effects of infection with enteroinvasive *Escherichia coli* (EIEC), **988**
- enteropathy**, The COX controversy: viewpoint 2. New dogmas or old?, **1379**
- enteropathy-type intestinal T cell lymphoma**, Gastrointestinal intraepithelial lymphocytes and T cell lymphomas, **163**  
Refractory coeliac sprue is a diffuse gastrointestinal disease, **205**
- enteropathy-type T cell lymphoma**, 18F-fluoro-deoxy-glucose positron emission tomography (18F-FDG-PET) for assessment of enteropathy-type T cell lymphoma, **347**
- enteroscopy, small intestine**, Wireless capsule endoscopy: a comparison with push enteroscopy in patients with gastroscopy and colonoscopy negative gastrointestinal bleeding, **1122**
- enzymes**, Trypsin and host defence: a new role for an old enzyme, **166**
- eosinophil**, Eosinophilic oesophagitis: a novel treatment using Montelukast, **181**
- eosinophilic oesophagitis**, Eosinophilic oesophagitis: treatment using Montelukast, **1228**
- epidemiology**, Changing pattern of paediatric inflammatory bowel disease in northern Stockholm 1990–2001, **1432**  
Familial aggregation of irritable bowel syndrome: a prospective study, **1703**  
Incidence and prevalence of ulcerative colitis in Punjab, North India, **1587**  
Insurance problems among inflammatory bowel disease patients: results of a Dutch population based study, **358**  
Prevalence of gastrointestinal diseases in two British national birth cohorts, **1117**  
Risk factors for peptic ulcer disease: a population based prospective cohort study comprising 2416 Danish adults, **186**  
Seroprevalence, correlates, and characteristics of undetected coeliac disease in England, **960**  
Ten year incidence of HCV infection in northern Italy and frequency of spontaneous viral clearance, **1030**
- epidermal growth factor**, Live probiotics protect intestinal epithelial cells from the effects of infection with enteroinvasive *Escherichia coli* (EIEC), **988**
- epithelial cell**, Superoxide production and expression of NAD(P)H oxidases by transformed and primary human colonic epithelial cells, **231**
- epithelial cells**, Card15 gene overexpression in mononuclear and epithelial cells of the inflamed Crohn's disease colon, **840**
- epithelial neoplasia**, Gastrointestinal epithelial neoplasia, **455**
- epithelium**, Intestinal epithelial responses to enteric pathogens: effects on the tight junction barrier, ion transport, and inflammation, **439**
- epoxide hydrolase**, Genetic polymorphisms in biotransformation enzymes in Crohn's disease: association with microsomal epoxide hydrolase, **547**
- erosion**, Gastrointestinal safety of AZD3582, a cyclooxygenase inhibiting nitric oxide donator: proof of concept study in humans, **1537**
- Escherichia coli***, Extracellular MUC3 mucin secretion follows adherence of *Lactobacillus* strains to intestinal epithelial cells in vitro, **827**
- Europe**, *Helicobacter pylori* infection in Africa and Europe: enigma of host genetics, **1799**
- exosomes**, Intestinal epithelial exosomes carry MHC class II/peptides able to inform the immune system in mice, **1690**
- experimental colitis**, In vivo electron spin resonance spectroscopy: what use is it to gastroenterologists?, **1236**  
Mucosal sulfhydryl compounds evaluation by in vivo electron spin resonance spectroscopy in mice with experimental colitis, **1291**
- expression defects**, Rescue of human *RET* gene expression by sodium butyrate: a novel powerful tool for molecular studies in Hirschsprung disease, **1154**
- extracellular matrix turnover**, Rat pancreatic stellate cells secrete matrix metalloproteinases: implications for extracellular matrix turnover, **275**
- extracolonic findings**, Extracolonic findings at computed tomography colonography are a challenge, **1744**
- extrahepatic malignancies**, Hepatic and extrahepatic malignancies and primary sclerosing cholangitis, **165**
- factor V Leiden**, Factor V Leiden polymorphism and the rate of fibrosis development in chronic hepatitis C virus infection, **1206**  
Transient ischaemic colitis following an aeroplane flight, **1072**
- faecal microflora**, Alterations of the dominant faecal bacterial groups in patients with Crohn's disease of the colon, **237**
- familial adenomatous polyposis**, Genetic testing for polyposis: practical and ethical aspects, **ii19**  
Rapidly progressive adenomatous polyposis in a patient with germline mutations in both the *APC* and *MLH1* genes: the worst of two worlds, **898**
- familial aggregation**, Familial aggregation of irritable bowel syndrome: a prospective study, **1703**
- familial colorectal cancer**, Colonoscopy surveillance of individuals at risk of familial colorectal cancer, **1748**
- Fas**, An immunodominant DQ8 restricted gliadin peptide activates small intestinal immune response in in vitro cultured mucosa from HLA-DQ8 positive but not HLA-DQ8 negative coeliac patients, **57**
- fatigue**, Fatigue is associated with high circulating leptin levels in chronic hepatitis C, **915**
- fatty liver disease**, To perform or not to perform liver biopsy: an alternative view, **1227**  
To perform or not to perform liver biopsy: an alternative view, **610**
- ferric reductase**, Duodenal mucosal reductase in wild-type and Hfe knockout mice on iron adequate, iron deficient, and iron rich feeding, **510**
- ferroportin1**, A novel mutation in *ferroportin1* is associated with haemochromatosis in a Solomon Islands patient, **1215**
- fetus**, Fetal "cardiac mucosa" is not adult cardiac mucosa, **1798**
- F-Fluoro-2-deoxyglucose**, <sup>18</sup>F-Fluoro-2-deoxyglucose positron emission tomography in the evaluation of gastrointestinal malignancies, **iv23**
- fibrosis**, Factor V Leiden polymorphism and the rate of fibrosis development in chronic hepatitis C virus infection, **1206**  
Liver fibrosis is not associated with steatosis but with necroinflammation in French patients with chronic hepatitis C, **1638**  
Measurement and determinants of the natural history of liver fibrosis in hepatitis C virus infection: a cross sectional and longitudinal study, **574**  
Upregulation of lymphotoxin  $\beta$  expression in liver progenitor (oval) cells in chronic hepatitis C, **1327**  
Worsening of steatosis and fibrosis progression, **1385**  
Worsening of steatosis and fibrosis progression in hepatitis C, **1531**  
Worsening of steatosis is an independent factor of fibrosis progression in untreated patients with chronic hepatitis C and paired liver biopsies, **288**
- FISH**, Tissue and cell imaging in situ: potential for applications in pathology and endoscopy, **iv1**
- fish oil**, Gall bladder dysmotility: a risk factor for gall stone formation in hypertriglyceridaemia and reversal on triglyceride lowering therapy by bezafibrate and fish oil, **109**
- fistula**, Crohn's disease or Crohn's diseases?, **460**  
Early development of stricturing or penetrating pattern in Crohn's disease is influenced by disease location, number of flares, and smoking but not by NOD2/CARD15 genotype, **552**
- flexible sigmoidoscopy**, Effect of a rapid access flexible sigmoidoscopy clinic on the yield of early stage rectal cancer, **1229**
- fluid secretion**, Distribution of aquaporin water channels AQP1 and AQP5 in the ductal system of the human pancreas, **1008**
- fluorescence endoscopy**, Fluorescence endoscopy for the detection of low and high grade dysplasia in ulcerative colitis using systemic or local 5-aminolaevulinic acid sensitisation, **1003**
- fluorescence spectroscopy**, Time gated fluorescence spectroscopy in Barrett's oesophagus, **28**
- fluorescence techniques**, Improving endoscopic resolution and sampling: fluorescence techniques, **iv30**
- focal nodular hyperplasia**, Multiple focal nodular hyperplasia of the liver in a patient with prostatic cancer, **1071**
- folistatin**, Activin A is an autocrine activator of rat pancreatic stellate cells: potential therapeutic role of follistatin for pancreatic fibrosis, **1487**



- food antigen**, Intestinal epithelial exosomes carry MHC class II/peptides able to inform the immune system in mice, **1690**
- forearm blood flow**, Enhanced vasodilatation to endothelin antagonism in patients with compensated cirrhosis and the role of nitric oxide, **410**
- forearm plethysmography**, Evidence for altered vascular responses to exogenous endothelin-1 in patients with advanced cirrhosis with restoration of the normal vasoconstrictor response following successful liver transplantation, **1505**
- Fos**, Effect of neonatal capsaicin treatment on haemodynamics and renal function in cirrhotic rats, **293**
- Fos expression**, COX-2 dependent inflammation increases spinal Fos expression during rodent postoperative ileus, **527**
- fracture**, Risk of fracture in coeliac disease, **1532**
- fractures**, Detecting the risks of osteoporotic fractures in coeliac disease, **1229**
- free water clearance**, Increased urinary excretion of aquaporin 2 in patients with liver cirrhosis, **1194**
- fructo-oligosaccharides**, Dietary fructo-oligosaccharides and lactulose inhibit intestinal colonisation but stimulate translocation of salmonella in rats, **1572**
- fulminant hepatitis**, Distribution of hepatitis B viral genotypes and mutations in the core promoter and precore regions in acute forms of liver disease in patients from Chiba, Japan, **1630**
- functional bloating**, Intestinal gas distribution determines abdominal symptoms, **1708**
- functional bowel disorders**, From comic relief to real understanding; how intestinal gas causes symptoms, **1659**
- functional dyspepsia**, Assessment of meal induced gastric accommodation by a satiety drinking test in health and in severe functional dyspepsia, **1271**
- Role of cognitive factors in symptom induction following high and low fat meals in patients with functional dyspepsia, **1414**
- Treatment of *Helicobacter pylori* in functional dyspepsia resistant to conventional management: a double blind randomised trial with a six month follow up, **40**
- functional gastrointestinal disorders**, Antidepressants for irritable bowel syndrome, **598**
- Cognitive modulation of the cerebral processing of human oesophageal sensation using functional magnetic resonance imaging, **1671**
- functional hepatic blood flow**, Location and function of intrahepatic shunts in anaesthetised rats, **1339**
- functional magnetic resonance imaging**, Cognitive modulation of the cerebral processing of human oesophageal sensation using functional magnetic resonance imaging, **1671**
- fundoplication**, Non-medical treatment of GORD, **1227**
- Fusobacterium varium**, Induction of experimental ulcerative colitis by *Fusobacterium varium* isolated from colonic mucosa of patients with ulcerative colitis, **79**
- GABA**, Effect of acute and chronic administration of the GABA<sub>B</sub> agonist baclofen on 24 hour pH metry and symptoms in control subjects and in patients with gastro-oesophageal reflux disease, **464**
- gall bladder**, Expression and regulation of scavenger receptor class B type I (SR-BI) in gall bladder epithelium, **1017**
- Risk factors for recurrent bile duct stones after endoscopic papillotomy, **116**
- gall bladder emptying**, Gall bladder dysmotility: a risk factor for gall stone formation in hypertriglyceridaemia and reversal on triglyceride lowering therapy by bezafibrate and fish oil, **109**
- gall stones**, Expression and regulation of scavenger receptor class B type I (SR-BI) in gall bladder epithelium, **1017**
- Prevalence of gastrointestinal diseases in two British national birth cohorts, **1117**
- gamma-aminobutyric acid**, Effect of the GABA<sub>B</sub> agonist baclofen in patients with symptoms and duodeno-gastro-oesophageal reflux refractory to proton pump inhibitors, **1397**
- gastric accommodation**, Assessment of meal induced gastric accommodation by a satiety drinking test in health and in severe functional dyspepsia, **1271**
- Fundic accommodation assessed by SPECT scanning: comparison with the gastric barostat, **1548**
- Non-invasive investigation of gastrointestinal functions with magnetic resonance imaging: towards an "ideal" investigation of gastrointestinal function, **iv34**
- gastric acid secretion**, Treatment of *Helicobacter pylori* in functional dyspepsia resistant to conventional management: a double blind randomised trial with a six month follow up, **40**
- gastric acidity**, <sup>13</sup>C urea breath test (UBT) in the diagnosis of *Helicobacter pylori*: why does it work better with acid test meals?, **933**
- gastric cancer**, Argon plasma coagulation for successful treatment of early gastric cancer with intramucosal invasion, **334**
- Association of *interleukin 1B* gene polymorphism and gastric cancers in high and low prevalence regions in China, **1684**
- Conditions for acid catalysed luminal nitrosation are maximal at the gastric cardia, **1095**
- Endoscopic surveillance of premalignant gastric lesions, **152**
- Helicobacter pylori* upregulates matrilysin (MMP-7) in epithelial cells in vivo and in vitro in a Cag dependent manner, **1408**
- Long term follow up of *Helicobacter pylori* induced gastric diffuse large B cell MALT lymphoma following eradication treatment alone, **1385**
- Pathology and cost effectiveness of endoscopy surveillance for premalignant gastric lesions, **453**
- Promoter methylation of *E-cadherin* gene in gastric mucosa associated with *Helicobacter pylori* infection and in gastric cancer, **502**
- RUNX 3, apoptosis O: a new gastric tumour suppressor, **12**
- The long term outcome of gastric non-invasive neoplasia, **1111**
- gastric carcinogenesis**, Gastric intestinal metaplasia as detected by a monoclonal antibody is highly associated with gastric adenocarcinoma, **807**
- gastric cardia**, Comparison of cyclooxygenase 2 expression in adenocarcinomas of the gastric cardia and distal oesophagus, **1678**
- gastric dysplasia**, The long term outcome of gastric non-invasive neoplasia, **1111**
- gastric emptying**, <sup>13</sup>C urea breath test (UBT) in the diagnosis of *Helicobacter pylori*: why does it work better with acid test meals?, **933**
- Effect of a somatostatin analogue on gastric motor and sensory functions in healthy humans, **1555**
- Non-invasive investigation of gastrointestinal functions with magnetic resonance imaging: towards an "ideal" investigation of gastrointestinal function, **iv34**
- gastric histology**, Host gastric Lewis expression determines the bacterial density of *Helicobacter pylori* in *babA2* genopositive infection, **927**
- gastric inflammation**, Interleukin 1 $\beta$  induces gastric epithelial cell matrix metalloproteinase secretion and activation during *Helicobacter pylori* infection, **1250**
- gastric injury**, The COX controversy: viewpoint 2. New dogmas or old?, **1379**
- gastric lymphoma**, Proposal for a new histological grading system for post-treatment evaluation of gastric MALT lymphoma, **1656**
- gastric mucosal injury**, Endogenous prostaglandin I<sub>2</sub> regulates the neural emergency system through release of calcitonin gene related peptide, **1242**
- gastric neoplasia**, The long term outcome of gastric non-invasive neoplasia, **1111**
- gastric secretion**, Non-invasive investigation of gastrointestinal functions with magnetic resonance imaging: towards an "ideal" investigation of gastrointestinal function, **iv34**
- gastric variceal bleeding**, Balloon occluded retrograde transvenous obliteration: a feasible alternative to transjugular intrahepatic portosystemic stent shunt, **611**
- gastric varices**, Detection of submucosal gastric fundal varices with multi-detector row CT angiography, **886**
- gastrin**, Gastrin activates nuclear factor  $\kappa$ B (NF $\kappa$ B) through a protein kinase C dependent pathway involving NF $\kappa$ B inducing kinase, inhibitor  $\kappa$ B (I $\kappa$ B) kinase, and tumour necrosis factor receptor associated factor 6 (TRAF6) in MKN-28 cells transfected with gastrin receptor, **813**
- gastrin receptor**, Gastrin activates nuclear factor  $\kappa$ B (NF $\kappa$ B) through a protein kinase C dependent pathway involving NF $\kappa$ B inducing kinase, inhibitor  $\kappa$ B (I $\kappa$ B) kinase, and tumour necrosis factor receptor associated factor 6 (TRAF6) in MKN-28 cells transfected with gastrin receptor, **813**
- gastritis**, Inflammation and intestinal metaplasia at the squamocolumnar junction in young patients with or without *Helicobacter pylori* infection, **194**
- gastrointestinal bleeding**, Wireless capsule endoscopy, **iv48**

- Wireless capsule endoscopy: a comparison with push enteroscopy in patients with gastroscopy and colonoscopy negative gastrointestinal bleeding, **1122**
- gastrointestinal cancer**, Meeting report of the British Society for Gastroenterology Meeting, March 2003, **1383**
- gastrointestinal damage**, The COX controversy: viewpoint 1. NSAIDs: the Emperor's new dogma?, **1376**
- gastrointestinal disorders**, Acupuncture for gastrointestinal disorders, **614**
- gastrointestinal haemorrhage**, Channelling bias and the incidence of gastrointestinal haemorrhage in users of meloxicam, coxibs, and older, non-specific non-steroidal anti-inflammatory drugs, **1265**
- Non-variceal upper gastrointestinal haemorrhage, **609**
- gastrointestinal lymphomas**, Paris staging system for primary gastrointestinal lymphomas, **912**
- gastrointestinal motility**, From comic relief to real understanding; how intestinal gas causes symptoms, **1659**
- Intestinal gas distribution determines abdominal symptoms, **1708**
- Non-invasive investigation of gastrointestinal functions with magnetic resonance imaging: towards an "ideal" investigation of gastrointestinal function, **iv34**
- gastrointestinal tolerability**, Incidence of gastroduodenal ulcers in patients with rheumatoid arthritis after 12 weeks of rofecoxib, naproxen, or placebo: a multicentre, randomised, double blind study, **820**
- gastro-oesophageal junction**, On the existence and location of cardiac mucosa: an autopsy study in embryos, fetuses, and infants, **791**
- gastro-oesophageal reflux**, Effect of acute and chronic administration of the GABA<sub>B</sub> agonist baclofen on 24 hour pH metry and symptoms in control subjects and in patients with gastro-oesophageal reflux disease, **464**
- On the existence and location of cardiac mucosa: an autopsy study in embryos, fetuses, and infants, **791**
- gastro-oesophageal reflux disease**, Delivery of radiofrequency energy to the lower oesophageal sphincter and gastric cardia inhibits transient lower oesophageal sphincter relaxations and gastro-oesophageal reflux in patients with reflux disease, **479**
- gastro-oesophageal reflux disease**, Effect of *Helicobacter pylori* eradication on development of dyspeptic and reflux disease in healthy asymptomatic subjects, **1543**
- Effect of the GABA<sub>B</sub> agonist baclofen in patients with symptoms and duodeno-gastro-oesophageal reflux refractory to proton pump inhibitors, **1397**
- gastro-oesophageal reflux disease**, Endocinch therapy for gastro-oesophageal reflux disease: a one year prospective follow up, **34**
- Genetic influences in gastro-oesophageal reflux disease: a twin study, **1085**
- Non-medical treatment of GORD, **1227**
- Relevance of ineffective oesophageal motility during oesophageal acid clearance, **784**
- gastroparesis**, Severe idiopathic gastroparesis due to neuronal and interstitial cells of Cajal degeneration: pathological findings and management, **966**
- gene expression pattern**, Gene expression pattern of laser microdissected colonic crypts of adenomas with low grade dysplasia, **1148**
- gene therapy**, Local delivery of adenoviral vectors encoding murine interleukin 10 induces colonic interleukin 10 production and is therapeutic for murine colitis, **363**
- Local delivery of adenoviral vectors encoding murine interleukin 10 induces colonic interleukin 10 production and is therapeutic for murine colitis, **981**
- The promise of gene therapy in gastrointestinal and liver diseases, **ii50**
- general population**, Ten year incidence of HCV infection in northern Italy and frequency of spontaneous viral clearance, **1030**
- General Practice Research Database**, Channelling bias and the incidence of gastrointestinal haemorrhage in users of meloxicam, coxibs, and older, non-specific non-steroidal anti-inflammatory drugs, **1265**
- genetic counselling**, Colonoscopy surveillance of individuals at risk of familial colorectal cancer, **1748**
- genetic polymorphism**, Genetic polymorphisms in biotransformation enzymes in Crohn's disease: association with microsomal epoxide hydrolase, **547**
- genetic susceptibility**, Association study of *PHOX2B* as a candidate gene for Hirschsprung's disease, **563**
- genetic testing**, Genetic testing for polyposis: practical and ethical aspects, **ii19**
- genetics**, Familial aggregation of irritable bowel syndrome: a prospective study, **1703**
- Genetic influences in gastro-oesophageal reflux disease: a twin study, **1085**
- Genotype-phenotype analysis of the Crohn's disease susceptibility haplotype on chromosome 5q31, **1133**
- How to identify the genetic basis of gastrointestinal and liver diseases?, **ii6**
- genomics**, Irruption of genomics in the search for disease related genes, **ii1**
- genotype**, Distribution of hepatitis B viral genotypes and mutations in the core promoter and precore regions in acute forms of liver disease in patients from Chiba, Japan, **1630**
- Interleukin 10 genotypes in irritable bowel syndrome: evidence for an inflammatory component?, **91**
- Second infection with a different hepatitis C virus genotype in a intravenous drug user during interferon therapy, **900**
- genotype C**, Liver fibrosis is not associated with steatosis but with necroinflammation in French patients with chronic hepatitis C, **1638**
- genotype-phenotype analysis**, Genotype-phenotype analysis of the Crohn's disease susceptibility haplotype on chromosome 5q31, **1133**
- germline p53 mutation**, A novel case with germline p53 gene mutation having concurrent multiple primary colon tumours, **304**
- ghrelin**, Antagonism of ghrelin receptor reduces food intake and body weight gain in mice, **947**
- Gut and mind, **918**
- giant cell hepatitis**, Mutations in *SRD5B1* (*AKR1D1*), the gene encoding  $\Delta^4$ -3-oxosteroid 5 $\beta$ -reductase, in hepatitis and liver failure in infancy, **1494**
- gliadin**, Early effects of gliadin on enterocyte intracellular signalling involved in intestinal barrier function, **218**
- gliadin peptides**, An immunodominant DQ8 restricted gliadin peptide activates small intestinal immune response in in vitro cultured mucosa from HLA-DQ8 positive but not HLA-DQ8 negative coeliac patients, **57**
- Gliadin peptide specific intestinal T cells in coeliac disease, **162**
- HLA-DQ8 as an Ir gene in coeliac disease, **7**
- Investigation of the putative immunodominant T cell epitopes in coeliac disease, **212**
- glomerular filtration rate**, Enhanced renal ammonia excretion following volume expansion in patients with well compensated cirrhosis of the liver, **1041**
- glucocorticoid sensitivity**, Glucocorticoid receptors are downregulated in hepatic T lymphocytes in rats with experimental cholangitis, **1363**
- glucocorticoids**, Infliximab in moderately severe glucocorticoid resistant ulcerative colitis: a randomised controlled trial, **998**
- GLUT5**, The locally acting glucocorticosteroid budesonide enhances intestinal sugar uptake following intestinal resection in rats, **252**
- glutamine**, Glutamine deprivation facilitates tumour necrosis factor induced bacterial translocation in Caco-2 cells by depletion of enterocyte fuel substrate, **224**
- glutathione**, Influence of clinical factors, drug use, and food intake on the glutathione system, **154**
- glutathione S-transferase**, Influence of clinical factors, drug use, and food intake on the glutathione system, **154**
- gluten**, Gliadin peptide specific intestinal T cells in coeliac disease, **162**
- Investigation of the putative immunodominant T cell epitopes in coeliac disease, **212**
- gluten free diet**, Reflux oesophagitis in adult coeliac disease: beneficial effect of a gluten free diet, **514**
- glyceryl trinitrate**, A dose finding study with 0.1%, 0.2%, and 0.4% glyceryl trinitrate ointment in patients with chronic anal fissures, **264**
- gravitational forces**, Influence of body posture on intestinal transit of gas, **971**
- growth hormone**, Non-alcoholic steatohepatitis and hepatic steatosis in patients with adult onset growth hormone deficiency, **914**
- growth hormone secretagogue receptor**, Antagonism of ghrelin receptor reduces food intake and body weight gain in mice, **947**
- Gut and mind, **918**
- guidelines**, Colorectal screening guidelines in acromegaly, **1387**
- Guidelines for colonoscopic screening in acromegaly are inconsistent with those for other high risk groups, **1071**
- Guidelines for enteral feeding in adult hospital patients, **vii1**

- Guidelines for the diagnosis and treatment of hepatocellular carcinoma (HCC) in adults, **iii1**
- Guidelines for the investigation of chronic diarrhoea, 2nd edition, **v1**
- gut**, Autoantibodies of patients with coeliac disease are insufficient to block tissue transglutaminase activity, **1562**
- gut reflexes**, Intestinal gas distribution determines abdominal symptoms, **1708**
- gut sensation**, From comic relief to real understanding; how intestinal gas causes symptoms, **1659**
- H63D mutation**, Lack of association between HFE gene mutations and hepatocellular carcinoma in patients with cirrhosis, **1178**
- haeme oxygenase**, Immunomodulatory effects of inhaled carbon monoxide on rat syngeneic small bowel graft motility, **1278**
- haemochromatosis**, Duodenal expression of iron transport molecules in untreated haemochromatosis subjects, **953**
- Duodenal mucosal reductase in wild-type and Hfe knockout mice on iron adequate, iron deficient, and iron rich feeding, **510**
- Heterozygous recipient and donor HFE mutations associated with a hereditary haemochromatosis phenotype after liver transplantation, **433**
- Lack of association between HFE gene mutations and hepatocellular carcinoma in patients with cirrhosis, **1178**
- Lessons from liver transplantation: flip, flop, and why?, **318**
- haemodialysis**, Remarkable resemblance in the mode of transmission of HCV infection among haemodialysis patients and IVDAs, **1656**
- haemodynamics**, Tumour necrosis factor  $\gamma$  is an important mediator of portal and systemic haemodynamic derangements in alcoholic hepatitis, **1182**
- HBeAg seroconversion**, A large population study of spontaneous HBeAg seroconversion and acute exacerbation of chronic hepatitis B infection: implications for antiviral therapy, **416**
- Durability of HBeAg seroconversion following antiviral therapy for chronic hepatitis B: relation to type of therapy and pretreatment serum hepatitis B virus DNA and alanine aminotransferase, **420**
- HBV, hepatitis B virus**, Guidelines for the diagnosis and treatment of hepatocellular carcinoma (HCC) in adults, **iii1**
- height**, Adult height in patients with early onset of Crohn's disease, **454**
- Helicobacter pylori**,  $^{13}\text{C}$  urea breath test (UBT) in the diagnosis of *Helicobacter pylori*: why does it work better with acid test meals?, **933**
- Aspirin inhibits the growth of *Helicobacter pylori* and enhances its susceptibility to antimicrobial agents, **490**
- Association of interleukin 1B gene polymorphism and gastric cancers in high and low prevalence regions in China, **1684**
- Concomitant alterations in intragastric pH and ascorbic acid concentration in patients with *Helicobacter pylori* gastritis and associated iron deficiency anaemia, **496**
- Dyspepsia management in the millennium: to test and treat or not?, **10**
- Effect of *Helicobacter pylori* eradication on development of dyspeptic and reflux disease in healthy asymptomatic subjects, **1543**
- Evaluation of a novel monoclonal enzyme immunoassay for detection of *Helicobacter pylori* antigen in stool from children, **804**
- Five years of complete remission of gastric diffuse large B cell lymphoma after eradication of *Helicobacter pylori* infection, **507**
- Helicobacter pylori* infection in Africa and Europe: enigma of host genetics, **1799**
- Helicobacter pylori* infection induces duodenitis and superficial duodenal ulcer in Mongolian gerbils, **797**
- Helicobacter pylori* upregulates matrilysin (MMP-7) in epithelial cells in vivo and in vitro in a Cag dependent manner, **1408**
- Host gastric Lewis expression determines the bacterial density of *Helicobacter pylori* in babA2 genopositive infection, **927**
- Inflammation and intestinal metaplasia at the squamocolumnar junction in young patients with or without *Helicobacter pylori* infection, **194**
- Influence of clinical factors, drug use, and food intake on the glutathione system, **154**
- Inhibitory effects of *Helicobacter pylori* infection on murine autoimmune gastritis, **1102**
- Interleukin 1 $\beta$  induces gastric epithelial cell matrix metalloproteinase secretion and activation during *Helicobacter pylori* infection, **1250**
- Is intestinal metaplasia of the stomach reversible?, **1**
- Long term follow up of *Helicobacter pylori* induced gastric diffuse large B cell MALT lymphoma following eradication treatment alone, **1385**
- Monocyte chemoattractant protein 1 (MCP-1) released from *Helicobacter pylori* stimulated gastric epithelial cells induces cyclooxygenase 2 expression and activation in T cells, **1257**
- Promoter methylation of *E-cadherin* gene in gastric mucosa associated with *Helicobacter pylori* infection and in gastric cancer, **502**
- Risk factors for peptic ulcer disease: a population based prospective cohort study comprising 2416 Danish adults, **186**
- Treatment of *Helicobacter pylori* in functional dyspepsia resistant to conventional management: a double blind randomised trial with a six month follow up, **40**
- hepatic cytokines**, Glucocorticoid receptors are downregulated in hepatic T lymphocytes in rats with experimental cholangitis, **1363**
- hepatic malignancies**, Hepatic and extrahepatic malignancies and primary sclerosing cholangitis, **165**
- hepatic progenitor cells**, ATP binding cassette transporter gene expression in rat liver progenitor cells, **1060**
- hepatic sorbitol uptake**, Location and function of intrahepatic shunts in anaesthetised rats, **1339**
- hepatic steatosis**, Non-alcoholic steatohepatitis and hepatic steatosis in patients with adult onset growth hormone deficiency, **914**
- hepatic stellate cells**, Vascular endothelial growth factor and receptor interaction is a prerequisite for murine hepatic fibrogenesis, **1347**
- hepatitis B**, A large population study of spontaneous HBeAg seroconversion and acute exacerbation of chronic hepatitis B infection: implications for antiviral therapy, **416**
- hepatitis B core antigen**, Different hepatitis B virus core gene mutations in children with chronic infection and hepatocellular carcinoma, **122**
- hepatitis B e antigen**, Different hepatitis B virus core gene mutations in children with chronic infection and hepatocellular carcinoma, **122**
- Quantitative polymerase chain reaction assay for serum hepatitis B virus DNA as a predictive factor for post-treatment relapse after lamivudine induced hepatitis B e antigen loss or seroconversion, **1779**
- hepatitis B virus**, Different hepatitis B virus core gene mutations in children with chronic infection and hepatocellular carcinoma, **122**
- Distribution of hepatitis B viral genotypes and mutations in the core promoter and precore regions in acute forms of liver disease in patients from Chiba, Japan, **1630**
- Quantitative polymerase chain reaction assay for serum hepatitis B virus DNA as a predictive factor for post-treatment relapse after lamivudine induced hepatitis B e antigen loss or seroconversion, **1779**
- Unsuccessful rescue therapy with adefovir dipivoxil for lamivudine resistant HBV in a patient with liver failure, **614**
- hepatitis C**, Cost effectiveness of peginterferon  $\gamma$ -2b plus ribavirin versus interferon  $\gamma$ -2b plus ribavirin for initial treatment of chronic hepatitis C, **425**
- Cost effectiveness of pegylated interferon alpha 2b and ribavirin combination in chronic hepatitis C, **1532**
- Factor V Leiden polymorphism and the rate of fibrosis development in chronic hepatitis C virus infection, **1206**
- Fatigue is associated with high circulating leptin levels in chronic hepatitis C, **915**
- Liver fibrosis is not associated with steatosis but with necroinflammation in French patients with chronic hepatitis C, **1638**
- Measurement and determinants of the natural history of liver fibrosis in hepatitis C virus infection: a cross sectional and longitudinal study, **574**
- Meeting report of the British Society for Gastroenterology Meeting, March 2003, **1383**
- Outcomes of interferon  $\alpha$  and ribavirin treatment for chronic hepatitis C in patients with normal serum aminotransaminases, **1644**
- Ten year incidence of HCV infection in northern Italy and frequency of spontaneous viral clearance, **1030**
- Treatment of hepatitis C. The 2002 French consensus, **1784**
- Worsening of steatosis and fibrosis progression, **1385**
- Worsening of steatosis and fibrosis progression in hepatitis C, **1531**
- Worsening of steatosis is an independent factor of fibrosis progression in untreated patients with chronic hepatitis C and paired liver biopsies, **288**
- hepatitis C infection**, Impact of smoking on histological liver lesions in chronic hepatitis C, **126**
- hepatitis C virus**, Evaluation of a prison outreach clinic for the diagnosis and prevention of hepatitis C: implications for the national strategy, **1500**



- Guidelines for the diagnosis and treatment of hepatocellular carcinoma (HCC) in adults, **iii1**
- Impact of human immunodeficiency virus (HIV) infection on the progression of liver fibrosis in hepatitis C virus infected patients, **1035**
- Impact of smoking on histological liver lesions in chronic hepatitis C, **126**
- Long term histological improvement and clearance of intrahepatic hepatitis C virus RNA following sustained response to interferon-ribavirin combination therapy in liver transplanted patients with hepatitis C virus recurrence, **283**
- Remarkable resemblance in the mode of transmission of HCV infection among haemodialysis patients and IVDAs, **1656**
- Risk of hepatitis C virus transmission from patients to surgeons: model based on an unlinked anonymous study of hepatitis C virus prevalence in hospital patients in Glasgow, **1333**
- Second infection with a different hepatitis C virus genotype in a intravenous drug user during interferon therapy, **900**
- hepatobiliary scintigraphy**, Is hepatobiliary scintigraphy indeed insensitive for the diagnosis of sphincter of Oddi dysfunction?, **1385**
- Is hepatobiliary scintigraphy insensitive for the diagnosis of sphincter of Oddi dysfunction?, **1386**
- hepatocellular carcinoma**, Complete regression of advanced HCC with long acting octreotide, **1531**
- Different hepatitis B virus core gene mutations in children with chronic infection and hepatocellular carcinoma, **122**
- Familial liver and gall bladder cancer: a nationwide epidemiological study from Sweden, **592**
- Guidelines for the diagnosis and treatment of hepatocellular carcinoma (HCC) in adults, **iii1**
- Lack of association between HFE gene mutations and hepatocellular carcinoma in patients with cirrhosis, **1178**
- Treatment of hepatitis C. The 2002 French consensus, **1784**
- hepatocytes**, Bilirubin, a curse and a boon, **1668**
- Cholestasis, **ii43**
- hephaestin**, Duodenal expression of iron transport molecules in untreated haemochromatosis subjects, **953**
- hereditary colorectal cancer**, Genetic testing for polyposis: practical and ethical aspects, **ii19**
- hereditary haemochromatosis**, A novel mutation in *ferroportin1* is associated with haemochromatosis in a Solomon Islands patient, **1215**
- Penetrance of haemochromatosis, **610**
- Underdiagnosis of hereditary haemochromatosis: reflects lack of clinical not biochemical penetrance, **455**
- hereditary non-polyposis colorectal cancer**, Decision analysis in the surgical treatment of colorectal cancer due to a mismatch repair gene defect, **1752**
- Prevalence and incidence of hyperplastic polyps and adenomas in familial colorectal cancer: correlation between the two types of colon polyps, **1140**
- Rapidly progressive adenomatous polyposis in a patient with germline mutations in both the *APC* and *MLH1* genes: the worst of two worlds, **898**
- hereditary non-polyposis/diagnosis**, Abnormal vascular network complexity: a new phenotypic marker in hereditary non-polyposis colorectal cancer syndrome, **1764**
- Diagnosing Lynch syndrome: is the answer in the mouth?, **1665**
- heritability**, Familial liver and gall bladder cancer: a nationwide epidemiological study from Sweden, **592**
- Genetic influences in gastro-oesophageal reflux disease: a twin study, **1085**
- HFE**, Heterozygous recipient and donor HFE mutations associated with a hereditary haemochromatosis phenotype after liver transplantation, **433**
- Lessons from liver transplantation: flip, flop, and why?, **318**
- HFE genotype**, Lack of association between HFE gene mutations and hepatocellular carcinoma in patients with cirrhosis, **1178**
- high grade dysplasia**, Can extent of high grade dysplasia in Barrett's oesophagus predict the presence of adenocarcinoma at oesophagectomy?, **486**
- Telomere shortening of epithelial cells characterises the adenoma-carcinoma transition of human colorectal cancer, **1304**
- Ten year follow up of ulcerative colitis patients with and without low grade dysplasia, **1127**
- high resolution endoscopy**, Magnification endoscopy, high resolution endoscopy, and chromoscopy; towards a better optical diagnosis, **iv7**
- Hirschsprung disease**, Association study of *PHOX2B* as a candidate gene for Hirschsprung's disease, **563**
- Rescue of human *RET* gene expression by sodium butyrate: a novel powerful tool for molecular studies in Hirschsprung disease, **1154**
- histological grading**, Proposal for a new histological grading system for post-treatment evaluation of gastric MALT lymphoma, **1656**
- histology**, On the existence and location of cardiac mucosa: an autopsy study in embryos, fetuses, and infants, **791**
- HLA restriction**, An immunodominant DQ8 restricted gliadin peptide activates small intestinal immune response in in vitro cultured mucosa from HLA-DQ8 positive but not HLA-DQ8 negative coeliac patients, **57**
- Gliadin peptide specific intestinal T cells in coeliac disease, **162**
- HLA-DQ8 as an Ir gene in coeliac disease, **7**
- Investigation of the putative immunodominant T cell epitopes in coeliac disease, **212**
- hormone**, Gastric inhibitory polypeptide links overnutrition to obesity, **319**
- human colon**, Non-genomic regulation of intermediate conductance potassium channels by aldosterone in human colonic crypt cells, **854**
- human defensin 5**, Trypsin and host defence: a new role for an old enzyme, **166**
- human immunodeficiency virus**, Impact of human immunodeficiency virus (HIV) infection on the progression of liver fibrosis in hepatitis C virus infected patients, **1035**
- hypnotherapy**, Long term benefits of hypnotherapy for irritable bowelsyndrome, **1623**
- IB-367**, Administration of protegrin peptide IB-367 to prevent endotoxin induced mortality in bile duct ligated rats, **874**
- IBD locus**, Analysis of the *IBD5* locus and potential gene-gene interactions in Crohn's disease, **541**
- IBD5**, Genotype-phenotype analysis of the Crohn's disease susceptibility haplotype on chromosome 5q31, **1133**
- ICAM-1 polymorphism**, Association between K469E allele of intercellular adhesion molecule 1 gene and inflammatory bowel disease in a Japanese population, **75**
- IgG endomysial autoantibodies**, Elevation of IgG antibodies against tissue transglutaminase as a diagnostic tool for coeliac disease in selective IgA deficiency, **1567**
- IgG transglutaminase autoantibodies**, Elevation of IgG antibodies against tissue transglutaminase as a diagnostic tool for coeliac disease in selective IgA deficiency, **1567**
- IL-18**, Maternal milk regulation of cell infiltration and interleukin 18 in the intestine of suckling rat pups, **1579**
- imaging**, Endoscopic ultrasonography: imaging and beyond, **1220**
- In vivo imaging of cellular proliferation in colorectal cancer using positron emission tomography, **1602**
- Novel methods of enhanced endoscopic imaging, **iv12**
- s, m, L, XL . . . , **5**
- imaging techniques**, New imaging techniques: promise or passe, **1072**
- immune development**, Maternal milk regulation of cell infiltration and interleukin 18 in the intestine of suckling rat pups, **1579**
- immune regulation**, Dendritic cells and immune regulation in the liver, **307**
- The dendritic cell: its role in intestinal inflammation and relationship with gut bacteria, **1522**
- immunohistochemistry**, Patterns of expression of MMR proteins in serrated adenomas and other polyps of the colorectum, **611**
- Tissue and cell imaging in situ: potential for applications in pathology and endoscopy, **iv1**
- immunomodulation**, Gliadin peptide specific intestinal T cells in coeliac disease, **162**
- Investigation of the putative immunodominant T cell epitopes in coeliac disease, **212**
- impedance**, Relevance of ineffective oesophageal motility during oesophageal acid clearance, **784**
- in situ hybridisation**, Tissue and cell imaging in situ: potential for applications in pathology and endoscopy, **iv1**
- in vivo imaging**, In vivo imaging with oligonucleotides for diagnosis and drug development, **iv40**
- inborn error**, Mutations in *SRD5B1* (*AKR1D1*), the gene encoding  $\Delta^4$ -3-oxosteroid 5 $\beta$ -reductase, in hepatitis and liver failure in infancy, **1494**

- index adenoma**, Are proximal colorectal cancers always associated with distal adenomas?, **317**
- Grading of distal colorectal adenomas as predictors for proximal colonic neoplasia and choice of endoscope in population screening: experience from the Norwegian Colorectal Cancer Prevention study (NORCCAP), **398**
- India**, Incidence and prevalence of ulcerative colitis in Punjab, North India, **1587**
- indigo carmine**, Magnification endoscopy, high resolution endoscopy, and chromoscopy; towards a better optical diagnosis, **iv7**
- infection**, Dietary fructo-oligosaccharides and lactulose inhibit intestinal colonisation but stimulate translocation of salmonella in rats, **1572**
- infectious diarrhoea**, Probiotics for infectious diarrhoea, **436**
- inflammation**, A randomised placebo controlled trial of pegylated interferon  $\alpha$  in active ulcerative colitis, **1728**
- Cyclooxygenase 2 mediates post-inflammatory colonic secretory and barrier dysfunction, **1714**
- Interleukin 10 genotypes in irritable bowel syndrome: evidence for an inflammatory component?, **91**
- Intestinal epithelial responses to enteric pathogens: effects on the tight junction barrier, ion transport, and inflammation, **439**
- Neutral endopeptidase (EC 3.4.24.11) downregulates the onset of intestinal inflammation in the nematode infected mouse, **1457**
- Oats induced villous atrophy in coeliac disease, **1649**
- Tumour necrosis factor  $\gamma$  is an important mediator of portal and systemic haemodynamic derangements in alcoholic hepatitis, **1182**
- inflammatory bowel disease**, Activated platelets are the source of elevated levels of soluble CD40 ligand in the circulation of inflammatory bowel disease patients, **1435**
- Analysis of the *IBD5* locus and potential gene-gene interactions in Crohn's disease, **541**
- Association between K469E allele of intercellular adhesion molecule 1 gene and inflammatory bowel disease in a Japanese population, **75**
- Association between K469E allele of intercellular adhesion molecule 1 gene and inflammatory bowel disease in different populations, **1227**
- Birth outcome in women exposed to 5-aminosalicylic acid during pregnancy: a Danish cohort study, **243**
- Budesonide treatment of collagenous colitis: a randomised, double blind, placebo controlled trial with morphometric analysis, **248**
- CARD4/NOD1 is not involved in inflammatory bowel disease, **71**
- Caution with the use of cyclosporin in pregnancy, **1070**
- Changing pattern of paediatric inflammatory bowel disease in northern Stockholm 1990–2001, **1432**
- Cyclosporin for refractory ulcerative colitis, **172**
- Dark lumen magnetic resonance colonography: comparison with conventional colonoscopy for the detection of colorectal pathology, **1738**
- Expression of thiopurine methyltransferase in South Asians, **914**
- Finding mucosal tears in collagenous colitis during colonoscopic insufflation, **613**
- Increased expression of interleukin 17 in inflammatory bowel disease, **65**
- Inducible CD40 expression mediates NF $\kappa$ B activation and cytokine secretion in human colonic fibroblasts, **1448**
- Inflammatory bowel disease in pregnancy, **159**
- Infliximab in moderately severe glucocorticoid resistant ulcerative colitis: a randomised controlled trial, **998**
- Insurance problems among inflammatory bowel disease patients: results of a Dutch population based study, **358**
- Interferon  $\beta$ -1a in ulcerative colitis: a placebo controlled, randomised, dose escalating study, **1286**
- Isolation of peptides useful for differential diagnosis of Crohn's disease and ulcerative colitis, **535**
- Meeting report of the British Society for Gastroenterology Meeting, March 2003, **1383**
- Osteoporosis in inflammatory bowel disease, **63**
- Safety and efficacy of intravenous pulse cyclophosphamide in acute steroid refractory inflammatory bowel disease, **377**
- The dendritic cell: its role in intestinal inflammation and relationship with gut bacteria, **1522**
- The virtuosity of virtuality or how real is virtual colonography, **1662**
- inflammatory bowel diseases**, Safe treatment of thiopurine S-methyltransferase deficient Crohn's disease patients with azathioprine, **140**
- inflammatory myopathy**, Biomechanics, diagnosis, and treatment outcome in inflammatory myopathy presenting as oropharyngeal dysphagia, **471**
- infliximab**, Infliximab in moderately severe glucocorticoid resistant ulcerative colitis: a randomised controlled trial, **998**
- Severe polyneuropathy complicating active Crohn's disease: rapid response to Infliximab, **1070**
- inhibitor  $\kappa$ B**, Gastrin activates nuclear factor  $\kappa$ B (NF $\kappa$ B) through a protein kinase C dependent pathway involving NF $\kappa$ B inducing kinase, inhibitor  $\kappa$ B (I $\kappa$ B) kinase, and tumour necrosis factor receptor associated factor 6 (TRAF6) in MKN-28 cells transfected with gastrin receptor, **813**
- inhibitory effect**, Autoantibodies of patients with coeliac disease are insufficient to block tissue transglutaminase activity, **1562**
- innate immunity**, Expression of NOD2 in Paneth cells: a possible link to Crohn's ileitis, **1591**
- NOD2/CARD15 and the Paneth cell: another piece in the genetic jigsaw of inflammatory bowel disease, **1533**
- insurance**, Insurance problems among inflammatory bowel disease patients: results of a Dutch population based study, **358**
- intercellular adhesion molecule 1**, Association between K469E allele of intercellular adhesion molecule 1 gene and inflammatory bowel disease in different populations, **1227**
- interferon**, Interferon  $\beta$ -1a in ulcerative colitis: a placebo controlled, randomised, dose escalating study, **1286**
- Long term histological improvement and clearance of intrahepatic hepatitis C virus RNA following sustained response to interferon-ribavirin combination therapy in liver transplanted patients with hepatitis C virus recurrence, **283**
- Second infection with a different hepatitis C virus genotype in a intravenous drug user during interferon therapy, **900**
- interferon  $\alpha$** , A randomised placebo controlled trial of pegylated interferon  $\alpha$  in active ulcerative colitis, **1728**
- Outcomes of interferon  $\alpha$  and ribavirin treatment for chronic hepatitis C in patients with normal serum aminotransaminases, **1644**
- interferon alpha 2b**, Cost effectiveness of pegylated interferon alpha 2b and ribavirin combination in chronic hepatitis C, **1532**
- interferon  $\gamma$** , Avenin fails to induce a Th1 response in coeliac tissue following in vitro culture, **47**
- Durability of HBeAg seroconversion following antiviral therapy for chronic hepatitis B: relation to type of therapy and pretreatment serum hepatitis B virus DNA and alanine aminotransferase, **420**
- interferon  $\gamma$ -2b**, Cost effectiveness of peginterferon  $\gamma$ -2b plus ribavirin versus interferon  $\gamma$ -2b plus ribavirin for initial treatment of chronic hepatitis C, **425**
- interleukin 10**, Antibiotics with a selective aerobic or anaerobic spectrum have different therapeutic activities in various regions of the colon in interleukin 10 gene deficient mice, **1721**
- Double blind, placebo controlled trial of two probiotic strains in interleukin 10 knockout mice and mechanistic link with cytokine balance, **975**
- Interleukin 10 genotypes in irritable bowel syndrome: evidence for an inflammatory component?, **91**
- Local delivery of adenoviral vectors encoding murine interleukin 10 induces colonic interleukin 10 production and is therapeutic for murine colitis, **363**
- Local delivery of adenoviral vectors encoding murine interleukin 10 induces colonic interleukin 10 production and is therapeutic for murine colitis, **981**
- interleukin 10 knockout mice**, Local delivery of adenoviral vectors encoding murine interleukin 10 induces colonic interleukin 10 production and is therapeutic for murine colitis, **363**
- Local delivery of adenoviral vectors encoding murine interleukin 10 induces colonic interleukin 10 production and is therapeutic for murine colitis, **981**
- interleukin 17**, Increased expression of interleukin 17 in inflammatory bowel disease, **65**
- interleukin 1 $\beta$** , Increased rectal mucosal expression of interleukin 1 $\beta$  in recently acquired post-infectious irritable bowel syndrome, **523**
- Interleukin 1 $\beta$  induces gastric epithelial cell matrix metalloproteinase secretion and activation during *Helicobacter pylori* infection, **1250**
- interleukin 2**, Avenin fails to induce a Th1 response in coeliac tissue following in vitro culture, **47**
- interleukin-1**, Association of *interleukin 1B* gene polymorphism and gastric cancers in high and low prevalence regions in China, **1684**

- interpersonal problems**, Cluster analysis of symptoms and health seeking behaviour differentiates subgroups of patients with severe irritable bowel syndrome, **1616**
- interstitial cells of Cajal**, Severe idiopathic gastroparesis due to neuronal and interstitial cells of Cajal degeneration: pathological findings and management, **966**
- intestinal absorption**, Intestinal absorption of the bile acid analogue <sup>75</sup>Se-homocholic acid-taurine is increased in primary biliary cirrhosis, and reverts to normal during ursodeoxycholic acid administration, **1371**
- intestinal adaptation**, The locally acting glucocorticosteroid budesonide enhances intestinal sugar uptake following intestinal resection in rats, **252**
- intestinal barrier**, Glutamine deprivation facilitates tumour necrosis factor induced bacterial translocation in Caco-2 cells by depletion of enterocyte fuel substrate, **224**
- intestinal complications**, Intestinal complications after chemotherapy for patients with unresected primary colorectal cancer and synchronous metastases, **568**
- intestinal distension**, Intestinal gas distribution determines abdominal symptoms, **1708**
- intestinal epithelium**, Intestinal epithelial exosomes carry MHC class II/peptides able to inform the immune system in mice, **1690**  
Phosphatidylinositol 3-kinase mediates proliferative signals in intestinal epithelial cells, **1472**
- intestinal gas**, From comic relief to real understanding; how intestinal gas causes symptoms, **1659**  
Influence of body posture on intestinal transit of gas, **971**  
Intestinal gas distribution determines abdominal symptoms, **1708**
- intestinal metaplasia**, Atrophic gastritis: pathology and endoscopy in the reversibility assessment, **1387**  
Endoscopic surveillance of premalignant gastric lesions, **152**  
Inflammation and intestinal metaplasia at the squamocolumnar junction in young patients with or without *Helicobacter pylori* infection, **194**  
Is intestinal metaplasia of the stomach reversible?, **1**  
Promoter methylation of *E-cadherin* gene in gastric mucosa associated with *Helicobacter pylori* infection and in gastric cancer, **502**
- intestinal motility**, Influence of body posture on intestinal transit of gas, **971**
- intestinal permeability**, Early effects of gliadin on enterocyte intracellular signalling involved in intestinal barrier function, **218**  
Increased nitric oxide excretion in patients with severe acute pancreatitis: evidence of an endotoxin mediated inflammatory response?, **270**
- intestinal reflexes**, Influence of body posture on intestinal transit of gas, **971**
- intestinal tone**, Intestinal gas distribution determines abdominal symptoms, **1708**
- intestinal transit**, Influence of body posture on intestinal transit of gas, **971**  
Intestinal gas distribution determines abdominal symptoms, **1708**
- intestinal transport**, A rapid decrease in the expression of DMT1 and Dcytb but not Ireg1 or hephaestin explains the mucosal block phenomenon of iron absorption, **340**
- intestine**, Gastrointestinal safety of AZD3582, a cyclooxygenase inhibiting nitric oxide donator: proof of concept study in humans, **1537**
- intragastric pH**, Concomitant alterations in intragastric pH and ascorbic acid concentration in patients with *Helicobacter pylori* gastritis and associated iron deficiency anaemia, **496**
- intrahepatic cholestasis of pregnancy**, Genetic evidence of heterogeneity in intrahepatic cholestasis of pregnancy, **1025**
- intrahepatic shunting flow**, Location and function of intrahepatic shunts in anaesthetised rats, **1339**
- intrahepatic shunts**, Location and function of intrahepatic shunts in anaesthetised rats, **1339**
- intravenous drug abusers**, Remarkable resemblance in the mode of transmission of HCV infection among haemodialysis patients and IVDAs, **1656**
- ion transport**, Intestinal epithelial responses to enteric pathogens: effects on the tight junction barrier, ion transport, and inflammation, **439**
- Ir genes coeliac**, HLA-DQ8 as an Ir gene in coeliac disease, **7**
- Ireg1**, Duodenal expression of iron transport molecules in untreated haemochromatosis subjects, **953**
- iron**, Haemochromatosis, **ii24**
- iron absorption**, A rapid decrease in the expression of DMT1 and Dcytb but not Ireg1 or hephaestin explains the mucosal block phenomenon of iron absorption, **340**  
Duodenal mucosal reductase in wild-type and Hfe knockout mice on iron adequate, iron deficient, and iron rich feeding, **510**
- iron deficiency**, Duodenal expression of iron transport molecules in untreated haemochromatosis subjects, **953**
- iron deficiency anaemia**, Concomitant alterations in intragastric pH and ascorbic acid concentration in patients with *Helicobacter pylori* gastritis and associated iron deficiency anaemia, **496**
- iron overload**, Heterozygous recipient and donor HFE mutations associated with a hereditary haemochromatosis phenotype after liver transplantation, **433**  
Lessons from liver transplantation: flip, flop, and why?, **318**  
Underdiagnosis of hereditary haemochromatosis: reflects lack of clinical not biochemical penetrance, **455**
- irritable bowel disease**, Cluster analysis of symptoms and health seeking behaviour differentiates subgroups of patients with severe irritable bowel syndrome, **1616**
- irritable bowel syndrome**, Antidepressants for irritable bowel syndrome, **598**  
Familial aggregation of irritable bowel syndrome: a prospective study, **1703**  
From comic relief to real understanding; how intestinal gas causes symptoms, **1659**  
Increased rectal mucosal expression of interleukin 1 $\beta$  in recently acquired post-infectious irritable bowel syndrome, **523**  
Interleukin 10 genotypes in irritable bowel syndrome: evidence for an inflammatory component?, **91**  
Intestinal gas distribution determines abdominal symptoms, **1708**  
Long term benefits of hypnotherapy for irritable bowels syndrome, **1623**  
Platelet activation in patients with irritable bowel syndrome may reflect a subclinical inflammatory response, **1799**  
Prevalence of gastrointestinal diseases in two British national birth cohorts, **1117**
- ischaemic colitis**, Transient ischaemic colitis following an aeroplane flight, **1072**
- itch**, Capsaicin and menthol in the treatment of itch and pain: recently cloned receptors provide the key, **1233**
- Japan**, Association between K469E allele of intercellular adhesion molecule 1 gene and inflammatory bowel disease in a Japanese population, **75**
- jaundice**, Administration of protegrin peptide IB-367 to prevent endotoxin induced mortality in bile duct ligated rats, **874**
- juvenile polyposis**, Genetic testing for polyposis: practical and ethical aspects, **ii19**
- KCNN4**, Non-genomic regulation of intermediate conductance potassium channels by aldosterone in human colonic crypt cells, **854**
- kidney function**, Effect of neonatal capsaicin treatment on haemodynamics and renal function in cirrhotic rats, **293**
- Kirsten ras gene**, Mutant K-ras2 in serum, **915**
- knockout mice**, Double blind, placebo controlled trial of two probiotic strains in interleukin 10 knockout mice and mechanistic link with cytokine balance, **975**
- knockout mouse**, Missing endomysial and reticulin binding of coeliac antibodies in transglutaminase 2 knockout tissues, **199**
- KRAS2**, A prospective study of circulating mutant KRAS2 in the serum of patients with colorectal neoplasia: strong prognostic indicator in postoperative follow up, **101**  
A rat virus visits the clinic: translating basic discoveries into clinical medicine in the 21st century, **8**
- KRAS2 mutation**, A prospective study of circulating mutant KRAS2 in the serum of patients with colorectal neoplasia: strong prognostic indicator in postoperative follow up, **101**  
A rat virus visits the clinic: translating basic discoveries into clinical medicine in the 21st century, **8**
- Lactobacillus**, Extracellular MUC3 mucin secretion follows adherence of *Lactobacillus* strains to intestinal epithelial cells in vitro, **827**  
*Lactobacillus* GG prevents recurrence of colitis in HLA-B27 transgenic rats after antibiotic treatment, **370**
- lamina propria plasma cells**, Isolation, maturational level, and functional capacity of human colon lamina propria plasma cells, **383**
- lamivudine**, Durability of HBeAg seroconversion following antiviral therapy for chronic hepatitis B: relation to type of therapy and



- pretreatment serum hepatitis B virus DNA and alanine aminotransferase, **420**
- Quantitative polymerase chain reaction assay for serum hepatitis B virus DNA as a predictive factor for post-treatment relapse after lamivudine induced hepatitis B e antigen loss or seroconversion, **1779**
- Unsuccessful rescue therapy with adefovir dipivoxil for lamivudine resistant HBV in a patient with liver failure, **614**
- large intestine**, Superoxide production and expression of NAD(P)H oxidases by transformed and primary human colonic epithelial cells, **231**
- laser mediated microdissection**, Gene expression pattern of laser microdissected colonic crypts of adenomas with low grade dysplasia, **1148**
- lean body mass**, Effect of a protein and energy dense n-3 fatty acid enriched oral supplement on loss of weight and lean tissue in cancer cachexia: a randomised double blind trial, **1479**
- Nutritional therapy for cancer cachexia, **1391**
- leptin**, Fatigue is associated with high circulating leptin levels in chronic hepatitis C, **915**
- leucocytes**, Neutral endopeptidase (EC 3.4.24.11) downregulates the onset of intestinal inflammation in the nematode infected mouse, **1457**
- Lewis antigen expression**, Host gastric Lewis expression determines the bacterial density of *Helicobacter pylori* in *babA2* genopositive infection, **927**
- life expectancy**, Decision analysis in the surgical treatment of colorectal cancer due to a mismatch repair gene defect, **1752**
- linkage analysis**, Genetic evidence of heterogeneity in intrahepatic cholestasis of pregnancy, **1025**
- linkage disequilibrium**, CARD4/NOD1 is not involved in inflammatory bowel disease, **71**
- lipid absorption**, Expression and regulation of scavenger receptor class B type I (SR-BI) in gall bladder epithelium, **1017**
- lipid droplets**, Scavenger receptor class B type I (SR-BI) in pig enterocytes: trafficking from the brush border to lipid droplets during fat absorption, **1424**
- lipopolysaccharide**, Administration of protegrin peptide IB-367 to prevent endotoxin induced mortality in bile duct ligated rats, **874**
- lithotripsy**, Risk factors for recurrent bile duct stones after endoscopic papillotomy, **116**
- liver**, ATP binding cassette transporter gene expression in rat liver progenitor cells, **1060**
- Hepatic <sup>31</sup>P MRS in rat models of chronic liver disease: assessing the extent and progression of disease, **1046**
- Upregulation of lymphotoxin  $\beta$  expression in liver progenitor (oval) cells in chronic hepatitis C, **1327**
- liver biopsy**, To perform or not to perform liver biopsy: an alternative view, **1227**
- To perform or not to perform liver biopsy: an alternative view, **610**
- Treatment of hepatitis C. The 2002 French consensus, **1784**
- Worsening of steatosis is an independent factor of fibrosis progression in untreated patients with chronic hepatitis C and paired liver biopsies, **288**
- liver blood flow**, Location and function of intrahepatic shunts in anaesthetised rats, **1339**
- liver cirrhosis**, Acute propranolol administration effectively decreases portal pressure in patients with TIPS dysfunction, **130**
- Platelet count/spleen diameter ratio: proposal and validation of a non-invasive parameter to predict the presence of oesophageal varices in patients with liver cirrhosis, **1200**
- liver disease**, Dendritic cells and immune regulation in the liver, **307**
- Hepatic <sup>31</sup>P MRS in rat models of chronic liver disease: assessing the extent and progression of disease, **1046**
- Hepatic osteodystrophy in rats results mainly from portasystemic shunting, **580**
- Inappropriate ileal conservation of bile acids in cholestatic liver disease: homeostasis gone awry, **1239**
- Multiple focal nodular hyperplasia of the liver in a patient with prostatic cancer, **1071**
- Osteoporosis and liver disease: additional reasons for coeliac disease screening, **452**
- Transplantation for alcoholic liver disease: lessons from the explant?, **462**
- liver failure**, ATP binding cassette transporter gene expression in rat liver progenitor cells, **1060**
- Unsuccessful rescue therapy with adefovir dipivoxil for lamivudine resistant HBV in a patient with liver failure, **614**
- liver fibrosis**, Impact of human immunodeficiency virus (HIV) infection on the progression of liver fibrosis in hepatitis C virus infected patients, **1035**
- Meeting report of the British Society for Gastroenterology Meeting, March 2003, **1383**
- Thrombotic risk factors and extent of liver fibrosis in chronic viral hepatitis, **404**
- Vascular endothelial growth factor and receptor interaction is a prerequisite for murine hepatic fibrogenesis, **1347**
- liver function**, MELD scoring system is useful for predicting prognosis in patients with liver cirrhosis and is correlated with residual liver function: a European study, **134**
- To perform or not to perform liver biopsy: an alternative view, **1227**
- To perform or not to perform liver biopsy: an alternative view, **610**
- liver iron stores**, Duodenal mucosal reductase in wild-type and Hfe knockout mice on iron adequate, iron deficient, and iron rich feeding, **510**
- liver lesions**, Impact of smoking on histological liver lesions in chronic hepatitis C, **126**
- liver tolerance**, Liver tolerance mediated by antigen presenting cells: fact or fiction?, **1075**
- liver transplantation**, Evidence for altered vascular responses to exogenous endothelin-1 in patients with advanced cirrhosis with restoration of the normal vasoconstrictor response following successful liver transplantation, **1505**
- Heterozygous recipient and donor HFE mutations associated with a hereditary haemochromatosis phenotype after liver transplantation, **433**
- Lessons from liver transplantation: flip, flop, and why?, **318**
- Living related liver transplantation: a Japanese experience and development of a checklist for donors' informed consent, **152**
- Long term histological improvement and clearance of intrahepatic hepatitis C virus RNA following sustained response to interferon-ribavirin combination therapy in liver transplanted patients with hepatitis C virus recurrence, **283**
- Transplantation for alcoholic liver disease: lessons from the explant?, **462**
- living related transplantation**, Living related liver transplantation: a Japanese experience and development of a checklist for donors' informed consent, **152**
- L-NMMA**, Enhanced vasodilatation to endothelin antagonism in patients with compensated cirrhosis and the role of nitric oxide, **410**
- loss of heterozygosity**, Prognostic significance of the allelic loss of the BRCA1 gene in colorectal cancer, **1756**
- low grade dysplasia**, Gene expression pattern of laser microdissected colonic crypts of adenomas with low grade dysplasia, **1148**
- Ten year follow up of ulcerative colitis patients with and without low grade dysplasia, **1127**
- lower oesophageal sphincter**, Delivery of radiofrequency energy to the lower oesophageal sphincter and gastric cardia inhibits transient lower oesophageal sphincter relaxations and gastro-oesophageal reflux in patients with reflux disease, **479**
- lugol**, Magnification endoscopy, high resolution endoscopy, and chromoscopy: towards a better optical diagnosis, **iv7**
- lymphocytic colitis**, Gastrointestinal intraepithelial lymphocytes and T cell lymphomas, **163**
- Refractory coeliac sprue is a diffuse gastrointestinal disease, **205**
- lymphocytic gastritis**, Gastrointestinal intraepithelial lymphocytes and T cell lymphomas, **163**
- Refractory coeliac sprue is a diffuse gastrointestinal disease, **205**
- lymphoma**, Long term follow up of *Helicobacter pylori* induced gastric diffuse large B cell MALT lymphoma following eradication treatment alone, **1385**
- macrophages**, Card15 gene overexpression in mononuclear and epithelial cells of the inflamed Crohn's disease colon, **840**
- magnetic resonance imaging**, Contrast enhanced magnetic resonance imaging of the terminal ileum in children with Crohn's disease, **393**
- Dark lumen magnetic resonance colonography: comparison with conventional colonoscopy for the detection of colorectal pathology, **1738**
- Non-invasive investigation of gastrointestinal functions with magnetic resonance imaging: towards an "ideal" investigation of gastrointestinal function, **iv34**
- The virtuosity of virtuality or how real is virtual colonography, **1662**

- magnetic resonance pancreatography**, Non-invasive investigation of gastrointestinal functions with magnetic resonance imaging: towards an "ideal" investigation of gastrointestinal function, **iv34**
- magnetic resonance spectroscopy**, Hepatic  $^{31}\text{P}$  MRS in rat models of chronic liver disease: assessing the extent and progression of disease, **1046**
- magnification**, Magnification chromoendoscopy for the detection of intestinal metaplasia and dysplasia in Barrett's oesophagus, **24**
- magnification endoscopy**, Magnification endoscopy, high resolution endoscopy, and chromoscopy; towards a better optical diagnosis, **iv7**
- magnifying endoscopy**, Magnification endoscopy, high resolution endoscopy, and chromoscopy; towards a better optical diagnosis, **iv7**
- malabsorption**, Guidelines for the investigation of chronic diarrhoea, 2nd edition, **v1**
- malnutrition**, Guidelines for enteral feeding in adult hospital patients, **vii1**
- MALT lymphoma**, Five years of complete remission of gastric diffuse large B cell lymphoma after eradication of *Helicobacter pylori* infection, **507**  
Proposal for a new histological grading system for post-treatment evaluation of gastric MALT lymphoma, **1656**
- MALT-type lymphoma**, Paris staging system for primary gastrointestinal lymphomas, **912**
- manometry**, Endocinch therapy for gastro-oesophageal reflux disease: a one year prospective follow up, **34**
- MAP kinase**, Mitogen activated protein (MAP) kinase signal transduction pathways and novel anti-inflammatory targets, **144**
- matrix metalloproteinase**, Interleukin  $1\beta$  induces gastric epithelial cell matrix metalloproteinase secretion and activation during *Helicobacter pylori* infection, **1250**
- matrix metalloproteinase-7**, *Helicobacter pylori* upregulates matrilysin (MMP-7) in epithelial cells in vivo and in vitro in a Cag dependent manner, **1408**
- matrix metalloproteinases**, Rat pancreatic stellate cells secrete matrix metalloproteinases: implications for extracellular matrix turnover, **275**
- MEGX**, MELD scoring system is useful for predicting prognosis in patients with liver cirrhosis and is correlated with residual liver function: a European study, **134**
- MELD**, MELD scoring system is useful for predicting prognosis in patients with liver cirrhosis and is correlated with residual liver function: a European study, **134**
- MELD score**, Child-Pugh versus MELD score in predicting survival in patients undergoing transjugular intrahepatic portosystemic shunt, **879**
- meloxicam, cyclooxygenase 2**, Channelling bias and the incidence of gastrointestinal haemorrhage in users of meloxicam, coxibs, and older, non-specific non-steroidal anti-inflammatory drugs, **1265**
- menin**, Keeping neuroendocrine cells in check: roles for TGF $\beta$ , Smads, and menin?, **1237**
- menthol**, Capsaicin and menthol in the treatment of itch and pain: recently cloned receptors provide the key, **1233**
- mesalazine**, Sulphasalazine and mesalazine: serious adverse reactions re-evaluated on the basis of suspected adverse reaction reports to the Committee on Safety of Medicines, **1530**
- metallic stents**, A randomised prospective comparison of the Flamingo Wallstent and Ultraflex stent for palliation of dysphagia associated with lower third oesophageal carcinoma, **922**
- metastases**, Intestinal complications after chemotherapy for patients with unresected primary colorectal cancer and synchronous metastases, **568**
- methylclofenapate**, Potential role for peroxisome proliferator activated receptor (PPAR) in preventing colon cancer, **1317**
- methylene blue**, Magnification endoscopy, high resolution endoscopy, and chromoscopy; towards a better optical diagnosis, **iv7**
- methylene blue staining**, Biopsy surveillance is still necessary in patients with Barrett's oesophagus despite new endoscopic imaging techniques, **18**
- mice**, Antibiotics with a selective aerobic or anaerobic spectrum have different therapeutic activities in various regions of the colon in interleukin 10 gene deficient mice, **721**
- microbubble**, Liver microbubble transit time compared with histology and Child-Pugh score in diffuse liver disease: a cross sectional study, **1188**
- microdialysis**, Conditions for acid catalysed luminal nitrosation are maximal at the gastric cardia, **1095**
- microflora**, Dietary fructo-oligosaccharides and lactulose inhibit intestinal colonisation but stimulate translocation of salmonella in rats, **1572**
- microsatellite instability**, Patterns of expression of MMR proteins in serrated adenomas and other polyps of the colorectum, **611**
- microscopic colitis**, Budesonide treatment of collagenous colitis: a randomised, double blind, placebo controlled trial with morphometric analysis, **248**
- microscopy**, Direct measurement of acid permeation into rat oesophagus, **775**
- milk**, Maternal milk regulation of cell infiltration and interleukin 18 in the intestine of suckling rat pups, **1579**
- misoprostol**, Non-steroidal anti-inflammatory drugs: overall risks and management. Complementary roles for COX-2 inhibitors and proton pump inhibitors, **600**
- missense mutation**, Heterozygous recipient and donor HFE mutations associated with a hereditary haemochromatosis phenotype after liver transplantation, **433**  
Lessons from liver transplantation: flip, flop, and why?, **318**
- mitogen activated protein kinase**, Mitogen activated protein (MAP) kinase signal transduction pathways and novel anti-inflammatory targets, **144**
- molecular analysis**, Mutant K-ras2 in serum, **915**
- molecular screening**, Rescue of human *RET* gene expression by sodium butyrate: a novel powerful tool for molecular studies in Hirschsprung disease, **1154**
- Mongolian gerbils**, *Helicobacter pylori* infection induces duodenitis and superficial duodenal ulcer in Mongolian gerbils, **797**
- monoclonal antibody**, Gastric intestinal metaplasia as detected by a monoclonal antibody is highly associated with gastric adenocarcinoma, **807**
- monoclonal enzyme immunoassay**, Evaluation of a novel monoclonal enzyme immunoassay for detection of *Helicobacter pylori* antigen in stool from children, **804**
- monocytes/macrophages**, Increased expression of interleukin 17 in inflammatory bowel disease, **65**
- Montelukast**, Eosinophilic oesophagitis: a novel treatment using Montelukast, **181**  
Eosinophilic oesophagitis: treatment using Montelukast, **1228**
- morphology**, Tissue and cell imaging in situ: potential for applications in pathology and endoscopy, **iv1**
- morphometry**, Budesonide treatment of collagenous colitis: a randomised, double blind, placebo controlled trial with morphometric analysis, **248**
- mortality**, Barrett's oesophagus: epidemiology comes up with a surprise, **1079**  
Mortality in Barrett's oesophagus: results from a population based study, **1081**  
Mortality study of 18 000 patients treated with omeprazole, **942**
- mouse**, Inhibitory effects of *Helicobacter pylori* infection on murine autoimmune gastritis, **1102**
- MR colonography**, Virtual magnetic resonance colonography, **iv17**
- MRP2**, Antidepressant induced cholestasis: hepatocellular redistribution of multidrug resistant protein (MRP2), **300**
- mucin**, Extracellular MUC3 mucin secretion follows adherence of *Lactobacillus* strains to intestinal epithelial cells in vitro, **827**  
Short chain fatty acids stimulate epithelial mucin 2 expression through differential effects on prostaglandin  $E_1$  and  $E_2$  production by intestinal myofibroblasts, **1442**
- mucosal blood flow**, Tachykinins potentially stimulate human small bowel blood flow: a laser Doppler flowmetry study in humans, **53**
- mucosal immunity**, An immunodominant DQ8 restricted gliadin peptide activates small intestinal immune response in in vitro cultured mucosa from HLA-DQ8 positive but not HLA-DQ8 negative coeliac patients, **57**  
Coeliac disease: in vivo toxicity of the putative immunodominant epitope, **1698**  
Gliadin peptide specific intestinal T cells in coeliac disease, **162**  
HLA-DQ8 as an Ir gene in coeliac disease, **7**  
Intestinal epithelial exosomes carry MHC class II/peptides able to inform the immune system in mice, **1690**  
Investigation of the putative immunodominant T cell epitopes in coeliac disease, **212**

- Monocyte chemoattractant protein 1 (MCP-1) released from *Helicobacter pylori* stimulated gastric epithelial cells induces cyclooxygenase 2 expression and activation in T cells, **1257**
- mucosal tears**, Diversion colitis with a mucosal tear on endoscopic insufflation, **1388**  
Finding mucosal tears in collagenous colitis during colonoscopic insufflation, **613**  
Mucosal tears on endoscopic insufflation, **613**
- multi-detector row CT**, Detection of submucosal gastric fundal varices with multi-detector row CT angiography, **886**
- multidrug resistance**, ABC of oral bioavailability: transporters as gatekeepers in the gut, **1788**
- multidrug resistant protein**, Antidepressant induced cholestasis: hepatocellular redistribution of multidrug resistant protein (MRP2), **300**
- multiple colon tumour**, A novel case with germline p53 gene mutation having concurrent multiple primary colon tumours, **304**
- mutagenesis**, Aspirin inhibits the growth of *Helicobacter pylori* and enhances its susceptibility to antimicrobial agents, **490**
- Mycobacterium avium**, *Mycobacterium avium* subspecies paratuberculosis as a cause of Crohn's disease, **155**
- myenteric plexus**, Changes in chemical coding of myenteric neurones in ulcerative colitis, **84**
- myocardial infarction**, Non-steroidal anti-inflammatory drugs: overall risks and management. Complementary roles for COX-2 inhibitors and proton pump inhibitors, **600**
- myofibroblast**, Short chain fatty acids stimulate epithelial mucin 2 expression through differential effects on prostaglandin E<sub>1</sub> and E<sub>2</sub> production by intestinal myofibroblasts, **1442**
- myofibroblasts**, Inducible CD40 expression mediates NFκB activation and cytokine secretion in human colonic fibroblasts, **1448**
- n-3 fatty acids**, Effect of a protein and energy dense n-3 fatty acid enriched oral supplement on loss of weight and lean tissue in cancer cachexia: a randomised double blind trial, **1479**  
Nutritional therapy for cancer cachexia, **1391**
- NAD(P)H**, Superoxide production and expression of NAD(P)H oxidases by transformed and primary human colonic epithelial cells, **231**
- naproxen**, Gastrointestinal safety of AZD3582, a cyclooxygenase inhibiting nitric oxide donor: proof of concept study in humans, **1537**
- natural history**, Measurement and determinants of the natural history of liver fibrosis in hepatitis C virus infection: a cross sectional and longitudinal study, **574**
- necroinflammation**, Liver fibrosis is not associated with steatosis but with necroinflammation in French patients with chronic hepatitis C, **1638**
- nematode**, Neutral endopeptidase (EC 3.4.24.11) downregulates the onset of intestinal inflammation in the nematode infected mouse, **1457**
- neoplasia**, Small bowel neoplasia in coeliac disease, **1211**
- neural emergency system**, Endogenous prostaglandin I<sub>2</sub> regulates the neural emergency system through release of calcitonin gene related peptide, **1242**
- neurochemical code**, Changes in chemical coding of myenteric neurones in ulcerative colitis, **84**
- neuroendocrine tumour**, Autocrine growth inhibition by transforming growth factor β-1 (TGFβ-1) in human neuroendocrine tumour cells, **1308**  
Keeping neuroendocrine cells in check: roles for TGFβ, Smads, and menin?, **1237**
- neuroimmune interaction**, Chronic pancreatitis: the perspective of pain generation by neuroimmune interaction, **907**
- neurokinin receptors**, Tachykinins potently stimulate human small bowel blood flow: a laser Doppler flowmetry study in humans, **53**
- neurokinins**, Tachykinins potently stimulate human small bowel blood flow: a laser Doppler flowmetry study in humans, **53**
- neuronal plasticity**, Changes in chemical coding of myenteric neurones in ulcerative colitis, **84**
- nitrate**, Conditions for acid catalysed luminal nitrosation are maximal at the gastric cardia, **1095**
- nitric oxide**, A dose finding study with 0.1%, 0.2%, and 0.4% glyceryl trinitrate ointment in patients with chronic anal fissures, **264**  
Gastrointestinal safety of AZD3582, a cyclooxygenase inhibiting nitric oxide donor: proof of concept study in humans, **1537**  
Increased nitric oxide excretion in patients with severe acute pancreatitis: evidence of an endotoxin mediated inflammatory response?, **270**
- Increased tumour necrosis factor γ production in mesenteric lymph nodes of cirrhotic patients with ascites, **1054**
- nitric oxide clamp**, Enhanced vasodilatation to endothelin antagonism in patients with compensated cirrhosis and the role of nitric oxide, **410**
- nitrosation**, Conditions for acid catalysed luminal nitrosation are maximal at the gastric cardia, **1095**
- nitroxide radical**, In vivo electron spin resonance spectroscopy: what use is it to gastroenterologists?, **1236**  
Mucosal sulphhydryl compounds evaluation by in vivo electron spin resonance spectroscopy in mice with experimental colitis, **1291**
- NOD2**, Expression of NOD2 in Paneth cells: a possible link to Crohn's ileitis, **1591**
- NOD2 gene**, Early development of stricturing or penetrating pattern in Crohn's disease is influenced by disease location, number of flares, and smoking but not by NOD2/CARD15 genotype, **552**
- NOD2/CARD15**, NOD2/CARD15 and the Paneth cell: another piece in the genetic jigsaw of inflammatory bowel disease, **1533**
- non-alcoholic steatohepatitis**, Non-alcoholic steatohepatitis and hepatic steatosis in patients with adult onset growth hormone deficiency, **914**  
Worsening of steatosis and fibrosis progression, **1385**
- non-medical endoscopy**, Upper gastrointestinal endoscopy performed by nurses: scope for the future?, **1090**
- non-steroid anti-inflammatory drugs**, Risk factors for peptic ulcer disease: a population based prospective cohort study comprising 2416 Danish adults, **186**
- non-steroidal anti-inflammatory drugs**, Aspirin: still learning about the wonder drug, **1535**  
Channelling bias and the incidence of gastrointestinal haemorrhage in users of meloxicam, coxibs, and older, non-specific non-steroidal anti-inflammatory drugs, **1265**  
Gastrointestinal safety of AZD3582, a cyclooxygenase inhibiting nitric oxide donor: proof of concept study in humans, **1537**  
Incidence of gastroduodenal ulcers in patients with rheumatoid arthritis after 12 weeks of rofecoxib, naproxen, or placebo: a multicentre, randomised, double blind study, **820**  
Non-steroidal anti-inflammatory drugs as a risk factor for acute diarrhoea: a case crossover study, **260**  
Non-steroidal anti-inflammatory drugs: overall risks and management. Complementary roles for COX-2 inhibitors and proton pump inhibitors, **600**  
The COX controversy: viewpoint 1. NSAIDs: the Emperor's new dogma?, **1376**  
The COX controversy: viewpoint 2: New dogmas or old?, **1379**
- non-variceal haemorrhage**, Non-variceal upper gastrointestinal haemorrhage, **609**
- nuclear factor κB**, Gastrin activates nuclear factor κB (NFκB) through a protein kinase C dependent pathway involving NFκB inducing kinase, inhibitor κB (IκB) kinase, and tumour necrosis factor receptor associated factor 6 (TRAF6) in MKN-28 cells transfected with gastrin receptor, **813**  
Inducible CD40 expression mediates NFκB activation and cytokine secretion in human colonic fibroblasts, **1448**  
Tumour necrosis factor γ and nuclear factor κB inhibit transcription of human TFF3 encoding a gastrointestinal healing peptide, **1297**
- nutrition support**, Guidelines for enteral feeding in adult hospital patients, **vii1**
- nutritional support**, Effect of a protein and energy dense n-3 fatty acid enriched oral supplement on loss of weight and lean tissue in cancer cachexia: a randomised double blind trial, **1479**  
Nutritional therapy for cancer cachexia, **1391**
- oats**, Oats induced villous atrophy in coeliac disease, **1649**
- obesity**, Antagonism of ghrelin receptor reduces food intake and body weight gain in mice, **947**  
Gastric inhibitory polypeptide links overnutrition to obesity, **319**  
Gut and mind, **918**
- obstetric cholestasis**, Genetic evidence of heterogeneity in intrahepatic cholestasis of pregnancy, **1025**
- occupational risk**, Risk of hepatitis C virus transmission from patients to surgeons: model based on an unlinked anonymous study of hepatitis C virus prevalence in hospital patients in Glasgow, **1333**
- octreotide**, Complete regression of advanced HCC with long acting octreotide, **1531**  
Effect of a somatostatin analogue on gastric motor and sensory functions in healthy humans, **1555**



- oesophageal adenocarcinoma**, Can extent of high grade dysplasia in Barrett's oesophagus predict the presence of adenocarcinoma at oesophagectomy?, **486**  
s, m, L, XL . . . , **5**
- oesophageal cancer**, Mortality study of 18 000 patients treated with omeprazole, **942**  
Risk of cancers of the oesophagus and stomach by histology or subsite in patients hospitalised for pernicious anaemia, **938**
- oesophageal carcinoma**, A randomised prospective comparison of the Flamingo Wallstent and Ultraflex stent for palliation of dysphagia associated with lower third oesophageal carcinoma, **922**
- oesophageal clearance**, Relevance of ineffective oesophageal motility during oesophageal acid clearance, **784**
- oesophageal motility**, Delivery of radiofrequency energy to the lower oesophageal sphincter and gastric cardia inhibits transient lower oesophageal sphincter relaxations and gastro-oesophageal reflux in patients with reflux disease, **479**  
Relevance of ineffective oesophageal motility during oesophageal acid clearance, **784**
- oesophageal pH**, Oesophageal pH monitoring in Barrett's oesophagus, **153**
- oesophageal pH monitoring**, Delivery of radiofrequency energy to the lower oesophageal sphincter and gastric cardia inhibits transient lower oesophageal sphincter relaxations and gastro-oesophageal reflux in patients with reflux disease, **479**
- oesophageal varices**, Platelet count/spleen diameter ratio: proposal and validation of a non-invasive parameter to predict the presence of oesophageal varices in patients with liver cirrhosis, **1200**
- oesophagectomy**, Can extent of high grade dysplasia in Barrett's oesophagus predict the presence of adenocarcinoma at oesophagectomy?, **486**
- oesophagitis**, Eosinophilic oesophagitis: a novel treatment using Montelukast, **181**
- oesophagus**, Characterisation of telomerase immortalised normal human oesophageal squamous cells, **327**
- oligonucleotide**, In vivo imaging with oligonucleotides for diagnosis and drug development, **iv40**
- omeprazole**, Mortality study of 18 000 patients treated with omeprazole, **942**  
Treatment of *Helicobacter pylori* in functional dyspepsia resistant to conventional management: a double blind randomised trial with a six month follow up, **40**
- oral bioavailability**, ABC of oral bioavailability: transporters as gatekeepers in the gut, **1788**
- organ culture**, An immunodominant DQ8 restricted gliadin peptide activates small intestinal immune response in in vitro cultured mucosa from HLA-DQ8 positive but not HLA-DQ8 negative coeliac patients, **57**  
Avenin fails to induce a Th1 response in coeliac tissue following in vitro culture, **47**  
HLA-DQ8 as an Ir gene in coeliac disease, **7**
- oropharyngeal dysphagia**, Biomechanics, diagnosis, and treatment outcome in inflammatory myopathy presenting as oropharyngeal dysphagia, **471**
- orthotopic liver transplantation**, A 10 year follow up study of patients transplanted for autoimmune hepatitis: histological recurrence precedes clinical and biochemical recurrence, **893**
- osteopenia**, Hepatic osteodystrophy in rats results mainly from portosystemic shunting, **580**
- osteoporosis**, Detecting the risks of osteoporotic fractures in coeliac disease, **1229**  
Fracture experience of patients with coeliac disease: a population based survey, **518**  
Is fracture risk increased in patients with coeliac disease?, **459**  
Osteoporosis and liver disease: additional reasons for coeliac disease screening, **452**  
Osteoporosis in inflammatory bowel disease, **63**  
Seroprevalence, correlates, and characteristics of undetected coeliac disease in England, **960**
- outreach clinic**, Evaluation of a prison outreach clinic for the diagnosis and prevention of hepatitis C: implications for the national strategy, **1500**
- oval cell**, Upregulation of lymphotoxin  $\beta$  expression in liver progenitor (oval) cells in chronic hepatitis C, **1327**
- overnutrition**, Gastric inhibitory polypeptide links overnutrition to obesity, **319**
- oxidoreductases**, Superoxide production and expression of NAD(P)H oxidases by transformed and primary human colonic epithelial cells, **231**
- pain**, Capsaicin and menthol in the treatment of itch and pain: recently cloned receptors provide the key, **1233**
- pain generation**, Chronic pancreatitis: the perspective of pain generation by neuroimmune interaction, **907**
- palliation**, A randomised prospective comparison of the Flamingo Wallstent and Ultraflex stent for palliation of dysphagia associated with lower third oesophageal carcinoma, **922**
- pancreas**, Molecular consequences of cystic fibrosis transmembrane regulator (CFTR) gene mutations in the exocrine pancreas, **1159**
- pancreatic cancer**, Effect of a protein and energy dense n-3 fatty acid enriched oral supplement on loss of weight and lean tissue in cancer cachexia: a randomised double blind trial, **1479**  
Familial liver and gall bladder cancer: a nationwide epidemiological study from Sweden, **592**  
Nutritional therapy for cancer cachexia, **1391**
- pancreatic duct**, Distribution of aquaporin water channels AQP1 and AQP5 in the ductal system of the human pancreas, **1008**
- pancreatic fibrosis**, Activin A is an autocrine activator of rat pancreatic stellate cells: potential therapeutic role of follistatin for pancreatic fibrosis, **1487**
- pancreatic insufficiency**, Molecular consequences of cystic fibrosis transmembrane regulator (CFTR) gene mutations in the exocrine pancreas, **1159**
- pancreatic stellate cells**, Activin A is an autocrine activator of rat pancreatic stellate cells: potential therapeutic role of follistatin for pancreatic fibrosis, **1487**  
Rat pancreatic stellate cells secrete matrix metalloproteinases: implications for extracellular matrix turnover, **275**
- pancreatitis**, Caerulein induced pancreatitis, **315**  
Caerulein induced pancreatitis, **452**  
Chronic pancreatitis and cystic fibrosis, **ii32**  
Intravenous bolus somatostatin after diagnostic cholangiopancreatography reduces the incidence of pancreatitis associated with therapeutic endoscopic retrograde cholangiopancreatography procedures: a randomised controlled trial, **1768**
- Paneth cells**, Expression of NOD2 in Paneth cells: a possible link to Crohn's ileitis, **1591**  
NOD2/CARD15 and the Paneth cell: another piece in the genetic jigsaw of inflammatory bowel disease, **1533**  
Trypsin and host defence: a new role for an old enzyme, **166**
- patient satisfaction**, Upper gastrointestinal endoscopy performed by nurses: scope for the future?, **1090**
- peginterferon  $\gamma$ -2b**, Cost effectiveness of peginterferon  $\gamma$ -2b plus ribavirin versus interferon  $\gamma$ -2b plus ribavirin for initial treatment of chronic hepatitis C, **425**
- pegylated interferon**, Cost effectiveness of pegylated interferon alpha 2b and ribavirin combination in chronic hepatitis C, **1532**
- peptic ulcer**, Smoking and ulcer healing, **153**
- peptic ulcer bleeding**, Effect of scheduled second therapeutic endoscopy on peptic ulcer rebleeding: a prospective randomised trial, **1403**
- peptic ulcer disease**, Prevalence of gastrointestinal diseases in two British national birth cohorts, **1117**  
Risk factors for peptic ulcer disease: a population based prospective cohort study comprising 2416 Danish adults, **186**
- peptide challenge**, Coeliac disease: in vivo toxicity of the putative immunodominant epitope, **1698**
- peptide YY**, Gut and mind, **918**
- perforated colonic diverticular disease**, Do calcium channel blockers and antimuscarinics protect against perforated colonic diverticular disease? A case control study, **1734**
- pernicious anaemia**, Risk of cancers of the oesophagus and stomach by histology or subsite in patients hospitalised for pernicious anaemia, **938**
- peroxisome proliferator activated receptor**, Potential role for peroxisome proliferator activated receptor (PPAR) in preventing colon cancer, **1317**
- Peutz-Jeghers polyposis**, Genetic testing for polyposis: practical and ethical aspects, **ii19**
- pH monitoring**, Oesophageal pH monitoring in Barrett's oesophagus, **153**

- phage displayed random peptide technology**, Isolation of peptides useful for differential diagnosis of Crohn's disease and ulcerative colitis, **535**
- pharmacogenomics**, Pharmacogenomics: marshalling the human genome to individualise drug therapy, **ii10**
- phenotype**, Isolation, maturational level, and functional capacity of human colon lamina propria plasma cells, **383**
- phosphoinositide 3-kinase**, Phosphatidylinositol 3-kinase mediates proliferative signals in intestinal epithelial cells, **1472**
- photodynamic therapy**, Ablative mucosectomy is the procedure of choice to prevent Barrett's cancer, **14**  
Ablative mucosectomy is the procedure of choice to prevent Barrett's cancer, **16**
- PHOX2B**, Association study of *PHOX2B* as a candidate gene for Hirschsprung's disease, **563**
- physician**, Physician-technician, **1657**
- plasma ammonia**, Enhanced renal ammonia excretion following volume expansion in patients with well compensated cirrhosis of the liver, **1041**
- plasma renin activity**, Enhanced renal ammonia excretion following volume expansion in patients with well compensated cirrhosis of the liver, **1041**
- platelet activation**, Platelet activation in patients with irritable bowel syndrome may reflect a subclinical inflammatory response, **1799**
- platelet count**, Platelet count/spleen diameter ratio: proposal and validation of a non-invasive parameter to predict the presence of oesophageal varices in patients with liver cirrhosis, **1200**
- platelets**, Activated platelets are the source of elevated levels of soluble CD40 ligand in the circulation of inflammatory bowel disease patients, **1435**
- polymorphism**, Association of *interleukin 1B* gene polymorphism and gastric cancers in high and low prevalence regions in China, **1684**  
Factor V Leiden polymorphism and the rate of fibrosis development in chronic hepatitis C virus infection, **1206**
- polymorphisms**, Association study of *PHOX2B* as a candidate gene for Hirschsprung's disease, **563**
- polyneuropathy**, Severe polyneuropathy complicating active Crohn's disease: rapid response to Infliximab, **1070**
- population based study**, Relations between amount and type of alcohol and colon and rectal cancer in a Danish population based cohort study, **861**
- population surveillance**, Abnormal vascular network complexity: a new phenotypic marker in hereditary non-polyposis colorectal cancer syndrome, **1764**  
Diagnosing Lynch syndrome: is the answer in the mouth?, **1665**
- portal hypertension**, Acute propranolol administration effectively decreases portal pressure in patients with TIPS dysfunction, **130**  
Increased tumour necrosis factor  $\gamma$  production in mesenteric lymph nodes of cirrhotic patients with ascites, **1054**  
Location and function of intrahepatic shunts in anaesthetised rats, **1339**
- portal pressure**, Tumour necrosis factor  $\gamma$  is an important mediator of portal and systemic haemodynamic derangements in alcoholic hepatitis, **1182**
- portasystemic shunting**, Hepatic osteodystrophy in rats results mainly from portasystemic shunting, **580**
- porto-pulmonary hypertension**, Portopulmonary hypertension in decompensated cirrhosis with refractory ascites, **1355**
- positron emission tomography**,  $^{18}\text{F}$ -Fluoro-2-deoxyglucose positron emission tomography in the evaluation of gastrointestinal malignancies, **iv23**  
In vivo imaging of cellular proliferation in colorectal cancer using positron emission tomography, **1602**  
In vivo imaging with oligonucleotides for diagnosis and drug development, **iv40**
- post-infectious irritable bowel syndrome**, Increased rectal mucosal expression of interleukin  $1\beta$  in recently acquired post-infectious irritable bowel syndrome, **523**
- postoperative ileus**, COX-2 dependent inflammation increases spinal Fos expression during rodent postoperative ileus, **527**
- postprandial**, Mobilisation of enterocyte fat stores by oral glucose in humans, **834**
- potassium channels**, Non-genomic regulation of intermediate conductance potassium channels by aldosterone in human colonic crypt cells, **854**
- prebiotics**, Dietary fructo-oligosaccharides and lactulose inhibit intestinal colonisation but stimulate translocation of salmonella in rats, **1572**
- prednisone**, The locally acting glucocorticosteroid budesonide enhances intestinal sugar uptake following intestinal resection in rats, **252**
- pre-epithelial layer thickness**, Direct measurement of acid permeation into rat oesophagus, **775**
- pregnancy**, Caution with the use of cyclosporin in pregnancy, **1070**  
Inflammatory bowel disease in pregnancy, **159**
- pregnancy outcome**, Birth outcome in women exposed to 5-aminosalicylic acid during pregnancy: a Danish cohort study, **243**
- premalignant gastric lesions**, Endoscopic surveillance of premalignant gastric lesions, **152**  
Pathology and cost effectiveness of endoscopy surveillance for premalignant gastric lesions, **453**
- preterm birth**, Birth outcome in women exposed to 5-aminosalicylic acid during pregnancy: a Danish cohort study, **243**
- prevalence**, Evaluation of a prison outreach clinic for the diagnosis and prevention of hepatitis C: implications for the national strategy, **1500**
- primary afferent nerves**, Effect of neonatal capsaicin treatment on haemodynamics and renal function in cirrhotic rats, **293**
- primary biliary cirrhosis**, Inappropriate ileal conservation of bile acids in cholestatic liver disease: homeostasis gone awry, **1239**  
Intestinal absorption of the bile acid analogue  $^{75}\text{Se}$ -homocholic acid-taurine is increased in primary biliary cirrhosis, and reverts to normal during ursodeoxycholic acid administration, **1371**
- primary sclerosing cholangitis**, Glucocorticoid receptors are downregulated in hepatic T lymphocytes in rats with experimental cholangitis, **1363**  
Hepatic and extrahepatic malignancies and primary sclerosing cholangitis, **165**
- prison**, Evaluation of a prison outreach clinic for the diagnosis and prevention of hepatitis C: implications for the national strategy, **1500**
- probiotics**, Double blind, placebo controlled trial of two probiotic strains in interleukin 10 knockout mice and mechanistic link with cytokine balance, **975**  
Live probiotics protect intestinal epithelial cells from the effects of infection with enteroinvasive *Escherichia coli* (EIEC), **988**  
Probiotics for infectious diarrhoea, **436**
- pro-brain natriuretic peptide**, Increased circulating pro-brain natriuretic peptide (proBNP) and brain natriuretic peptide (BNP) in patients with cirrhosis: relation to cardiovascular dysfunction and severity of disease, **1511**  
Origins of cardiac dysfunction in cirrhosis, **1392**
- prognosis**, A prospective study of circulating mutant *KRAS2* in the serum of patients with colorectal neoplasia: strong prognostic indicator in postoperative follow up, **101**  
A rat virus visits the clinic: translating basic discoveries into clinical medicine in the 21st century, **8**
- prognostic significance**, Comparison of cyclooxygenase 2 expression in adenocarcinomas of the gastric cardia and distal oesophagus, **1678**
- proliferation**, Phosphatidylinositol 3-kinase mediates proliferative signals in intestinal epithelial cells, **1472**
- prostaglandin**, Short chain fatty acids stimulate epithelial mucin 2 expression through differential effects on prostaglandin  $\text{E}_1$  and  $\text{E}_2$  production by intestinal myofibroblasts, **1442**
- prostaglandin  $\text{I}_2$** , Endogenous prostaglandin  $\text{I}_2$  regulates the neural emergency system through release of calcitonin gene related peptide, **1242**
- prostatic cancer**, Multiple focal nodular hyperplasia of the liver in a patient with prostatic cancer, **1071**
- protein kinase C**, Gastrin activates nuclear factor  $\kappa\text{B}$  (NF $\kappa\text{B}$ ) through a protein kinase C dependent pathway involving NF $\kappa\text{B}$  inducing kinase, inhibitor  $\kappa\text{B}$  (IkB) kinase, and tumour necrosis factor receptor associated factor 6 (TRAF6) in MKN-28 cells transfected with gastrin receptor, **813**
- proteolysis inducing factor**, Nutritional therapy for cancer cachexia, **1391**
- proton pump inhibitors**, Dyspepsia management in the millennium: to test and treat or not?, **10**  
Effect of the GABA $_B$  agonist baclofen in patients with symptoms and duodeno-gastro-oesophageal reflux refractory to proton pump inhibitors, **1397**  
Mortality study of 18 000 patients treated with omeprazole, **942**  
Non-steroidal anti-inflammatory drugs: overall risks and management. Complementary roles for COX-2 inhibitors and proton pump inhibitors, **600**

**pruritus ani**, Topical capsaicin—a novel and effective treatment for idiopathic intractable pruritus ani: a randomised, placebo controlled, crossover study, **1323**

**P-type ATPases**, Cholestasis, **ii43**

**QT interval**, Increased circulating pro-brain natriuretic peptide (proBNP) and brain natriuretic peptide (BNP) in patients with cirrhosis: relation to cardiovascular dysfunction and severity of disease, **1511**  
Origins of cardiac dysfunction in cirrhosis, **1392**

**quality of life**, Decision analysis in the surgical treatment of colorectal cancer due to a mismatch repair gene defect, **1752**  
Effect of a protein and energy dense n-3 fatty acid enriched oral supplement on loss of weight and lean tissue in cancer cachexia: a randomised double blind trial, **1479**  
Nutritional therapy for cancer cachexia, **1391**

**racecadotril**, Efficacy and tolerability of racecadotril in the treatment of cholera in adults: a double blind, randomised, controlled clinical trial, **1419**

**randomised clinical trial**, Treatment of *Helicobacter pylori* in functional dyspepsia resistant to conventional management: a double blind randomised trial with a six month follow up, **40**

**randomised controlled trial**, Budesonide treatment of collagenous colitis: a randomised, double blind, placebo controlled trial with morphometric analysis, **248**

**randomised trial**, A dose finding study with 0.1%, 0.2%, and 0.4% glyceryl trinitrate ointment in patients with chronic anal fissures, **264**

**RAS/MAPK pathway**, Gene expression pattern of laser microdissected colonic crypts of adenomas with low grade dysplasia, **1148**

**rat**, A rapid decrease in the expression of DMT1 and Dcytb but not Iregl or hephaestin explains the mucosal block phenomenon of iron absorption, **340**

Bilirubin, a curse and a boon, **1668**

Dietary fructo-oligosaccharides and lactulose inhibit intestinal colonisation but stimulate translocation of salmonella in rats, **1572**  
Hepatic <sup>31</sup>P MRS in rat models of chronic liver disease: assessing the extent and progression of disease, **1046**

Immunomodulatory effects of inhaled carbon monoxide on rat syngeneic small bowel graft motility, **1278**

*Lactobacillus* GG prevents recurrence of colitis in HLA-B27 transgenic rats after antibiotic treatment, **370**

**rat hepatocytes**, Bilirubin inhibits bile acid induced apoptosis in rat hepatocytes, **1774**

**rat liver**, Location and function of intrahepatic shunts in anaesthetised rats, **1339**

**rate**, Factor V Leiden polymorphism and the rate of fibrosis development in chronic hepatitis C virus infection, **1206**

**rebleeding**, Smoking and ulcer healing, **153**

**rectal cancer**, Relations between amount and type of alcohol and colon and rectal cancer in a Danish population based cohort study, **861**

**rectal sensitivity**, Cluster analysis of symptoms and health seeking behaviour differentiates subgroups of patients with severe irritable bowel syndrome, **1616**

**recurrence**, A 10 year follow up study of patients transplanted for autoimmune hepatitis: histological recurrence precedes clinical and biochemical recurrence, **893**

**reflux oesophagitis**, Reflux oesophagitis in adult coeliac disease: beneficial effect of a gluten free diet, **514**

**refractory ascites**, Portopulmonary hypertension in decompensated cirrhosis with refractory ascites, **1355**

**refractory sprue**, 18F-fluoro-deoxy-glucose positron emission tomography (18F-FDG-PET) for assessment of enteropathy-type T cell lymphoma, **347**

Gastrointestinal intraepithelial lymphocytes and T cell lymphomas, **163**

Refractory coeliac sprue is a diffuse gastrointestinal disease, **205**

**refractory ulcerative colitis**, Cyclosporin for refractory ulcerative colitis, **172**

**reinfection**, Second infection with a different hepatitis C virus genotype in a intravenous drug user during interferon therapy, **900**

**renal plasma flow**, Enhanced renal ammonia excretion following volume expansion in patients with well compensated cirrhosis of the liver, **1041**

**resistance**, Aspirin inhibits the growth of *Helicobacter pylori* and enhances its susceptibility to antimicrobial agents, **490**

**RET proto-oncogene**, Rescue of human *RET* gene expression by sodium butyrate: a novel powerful tool for molecular studies in Hirschsprung disease, **1154**

**rheumatoid arthritis**, Incidence of gastroduodenal ulcers in patients with rheumatoid arthritis after 12 weeks of rofecoxib, naproxen, or placebo: a multicentre, randomised, double blind study, **820**

**ribavirin**, Cost effectiveness of peginterferon  $\gamma$ -2b plus ribavirin versus interferon  $\gamma$ -2b plus ribavirin for initial treatment of chronic hepatitis C, **425**

Cost effectiveness of pegylated interferon alpha 2b and ribavirin combination in chronic hepatitis C, **1532**

Long term histological improvement and clearance of intrahepatic hepatitis C virus RNA following sustained response to interferon-ribavirin combination therapy in liver transplanted patients with hepatitis C virus recurrence, **283**

Outcomes of interferon  $\alpha$  and ribavirin treatment for chronic hepatitis C in patients with normal serum aminotransaminases, **1644**

**risk assessment**, Colonoscopy surveillance of individuals at risk of familial colorectal cancer, **1748**

**risk factors**, Risk factors for peptic ulcer disease: a population based prospective cohort study comprising 2416 Danish adults, **186**

**rofecoxib**, Incidence of gastroduodenal ulcers in patients with rheumatoid arthritis after 12 weeks of rofecoxib, naproxen, or placebo: a multicentre, randomised, double blind study, **820**

**RUNX3 expression**, RUNX 3, apoptosis O: a new gastric tumour suppressor, **12**

**S100A12**, Neutrophil derived human S100A12 (EN-RAGE) is strongly expressed during chronic active inflammatory bowel disease, **847**

**salmonella**, Dietary fructo-oligosaccharides and lactulose inhibit intestinal colonisation but stimulate translocation of salmonella in rats, **1572**

**satiety**, Assessment of meal induced gastric accommodation by a satiety drinking test in health and in severe functional dyspepsia, **1271**

**scavenger receptor class B type I**, Scavenger receptor class B type I (SR-BI) in pig enterocytes: trafficking from the brush border to lipid droplets during fat absorption, **1424**

**scheduled second endoscopy**, Effect of scheduled second therapeutic endoscopy on peptic ulcer rebleeding: a prospective randomised trial, **1403**

**scintigraphy**, Scintigraphic assessment of SO dysfunction, **1655**  
Scintigraphy versus manometry in patients with suspected biliary sphincter of Oddi dysfunction, **352**

**screening**, Antagonist European and North American populations should be screened for coeliac disease, **170**

Antagonist population based endoscopic screening for colorectal cancer, **323**

Are proximal colorectal cancers always associated with distal adenomas?, **317**

Coeliac disease: is case finding the correct ethical and logistical approach?, **1070**

Colonoscopy surveillance of individuals at risk of familial colorectal cancer, **1748**

Grading of distal colorectal adenomas as predictors for proximal colonic neoplasia and choice of endoscope in population screening: experience from the Norwegian Colorectal Cancer Prevention study (NORCCAP), **398**

Guidelines for colonoscopic screening in acromegaly are inconsistent with those for other high risk groups, **1071**

Protagonist European and North American populations should be screened for coeliac disease, **168**

Protagonist population based endoscopic screening for colorectal cancer, **321**

Virtual magnetic resonance colonography, **iv17**

**secretion**, Cyclooxygenase 2 mediates post-inflammatory colonic secretory and barrier dysfunction, **1714**

**selective IgA deficiency**, Elevation of IgG antibodies against tissue transglutaminase as a diagnostic tool for coeliac disease in selective IgA deficiency, **1567**

**sensory receptors**, Capsaicin and menthol in the treatment of itch and pain: recently cloned receptors provide the key, **1233**

**sepsis, cytokines**, Glutamine deprivation facilitates tumour necrosis factor induced bacterial translocation in Caco-2 cells by depletion of enterocyte fuel substrate, **224**

**serological markers**, Isolation of peptides useful for differential diagnosis of Crohn's disease and ulcerative colitis, **535**

**seroprevalence**, Seroprevalence, correlates, and characteristics of undetected coeliac disease in England, **960**

**serrated adenoma**, Patterns of expression of MMR proteins in serrated adenomas and other polyps of the colorectum, **611**



- sexual abuse**, Cluster analysis of symptoms and health seeking behaviour differentiates subgroups of patients with severe irritable bowel syndrome, **1616**
- SGLT1**, The locally acting glucocorticosteroid budesonide enhances intestinal sugar uptake following intestinal resection in rats, **252**
- short chain fatty acid**, Short chain fatty acids stimulate epithelial mucin 2 expression through differential effects on prostaglandin E<sub>1</sub> and E<sub>2</sub> production by intestinal myofibroblasts, **1442**
- sigmoidoscopy**, Are proximal colorectal cancers always associated with distal adenomas?, **317**  
Grading of distal colorectal adenomas as predictors for proximal colonic neoplasia and choice of endoscope in population screening: experience from the Norwegian Colorectal Cancer Prevention study (NORCCAP), **398**
- signal transduction**, Mitogen activated protein (MAP) kinase signal transduction pathways and novel anti-inflammatory targets, **144**
- signalling transduction**, Phosphatidylinositol 3-kinase mediates proliferative signals in intestinal epithelial cells, **1472**
- sildenafil**, Relevance of ineffective oesophageal motility during oesophageal acid clearance, **784**
- single photon emission computed tomography**, Fundic accommodation assessed by SPECT scanning: comparison with the gastric barostat, **1548**
- single photon emission computed tomography (SPECT)**, Effect of a somatostatin analogue on gastric motor and sensory functions in healthy humans, **1555**
- Smad3**, Autocrine growth inhibition by transforming growth factor  $\beta$ -1 (TGF $\beta$ -1) in human neuroendocrine tumour cells, **1308**  
Keeping neuroendocrine cells in check: roles for TGF $\beta$ , Smads, and menin?, **1237**
- small bowel**, Diagnosing small bowel Crohn's disease with wireless capsule endoscopy, **1531**  
Immunomodulatory effects of inhaled carbon monoxide on rat syngeneic small bowel graft motility, **1278**  
Small bowel neoplasia in coeliac disease, **1211**
- small intestine**, Scavenger receptor class B type I (SR-BI) in pig enterocytes: trafficking from the brush border to lipid droplets during fat absorption, **1424**
- smoking**, Crohn's disease or Crohn's diseases?, **460**  
Early development of stricturing or penetrating pattern in Crohn's disease is influenced by disease location, number of flares, and smoking but not by NOD2/CARD15 genotype, **552**  
Impact of smoking on histological liver lesions in chronic hepatitis C, **126**  
Smoking and ulcer healing, **153**
- sodium and water retention**, Effect of neonatal capsaicin treatment on haemodynamics and renal function in cirrhotic rats, **293**
- sodium butyrate**, Rescue of human *RET* gene expression by sodium butyrate: a novel powerful tool for molecular studies in Hirschsprung disease, **1154**
- sodium transport**, Molecular and functional studies of electrogenic Na<sup>+</sup> transport in the distal colon and rectum of young and elderly subjects, **1607**
- somatic APC mutation**, A novel case with germline p53 gene mutation having concurrent multiple primary colon tumours, **304**
- somatic p53 mutation**, A novel case with germline p53 gene mutation having concurrent multiple primary colon tumours, **304**
- somatostatin**, Intravenous bolus somatostatin after diagnostic cholangiopancreatography reduces the incidence of pancreatitis associated with therapeutic endoscopic retrograde cholangiopancreatography procedures: a randomised controlled trial, **1768**
- somatostatin analogue**, Effect of a somatostatin analogue on gastric motor and sensory functions in healthy humans, **1555**
- somatovisceral reflexes**, Influence of body posture on intestinal transit of gas, **971**
- sphincter of Oddi**, Is hepatobiliary scintigraphy indeed insensitive for the diagnosis of sphincter of Oddi dysfunction?  
Is hepatobiliary scintigraphy insensitive for the diagnosis of sphincter of Oddi dysfunction?  
Scintigraphic assessment of SO dysfunction, **1655**  
Scintigraphy versus manometry in patients with suspected biliary sphincter of Oddi dysfunction, **352**
- sphincter of Oddi dysfunction**, Scintigraphy versus manometry in patients with suspected biliary sphincter of Oddi dysfunction, **352**
- sphincter of Oddi manometry**, Scintigraphy versus manometry in patients with suspected biliary sphincter of Oddi dysfunction, **352**
- splanchnic vasodilation**, Increased tumour necrosis factor  $\gamma$  production in mesenteric lymph nodes of cirrhotic patients with ascites, **1054**
- spleen diameter**, Platelet count/spleen diameter ratio: proposal and validation of a non-invasive parameter to predict the presence of oesophageal varices in patients with liver cirrhosis, **1200**
- spondyloarthropathy**, Contrast enhanced magnetic resonance imaging of the terminal ileum in children with Crohn's disease, **393**
- squamocolumnar junction**, Inflammation and intestinal metaplasia at the squamocolumnar junction in young patients with or without *Helicobacter pylori* infection, **194**
- squamous cells**, Characterisation of telomerase immortalised normal human oesophageal squamous cells, **327**
- SR-BI**, Expression and regulation of scavenger receptor class B type I (SR-BI) in gall bladder epithelium, **1017**
- staging system**, Paris staging system for primary gastrointestinal lymphomas, **912**
- steatosis**, Worsening of steatosis and fibrosis progression, **1385**  
Worsening of steatosis and fibrosis progression in hepatitis C, **1531**  
Worsening of steatosis is an independent factor of fibrosis progression in untreated patients with chronic hepatitis C and paired liver biopsies, **288**
- steroids**, Infliximab in moderately severe glucocorticoid resistant ulcerative colitis: a randomised controlled trial, **998**
- stillbirth**, Birth outcome in women exposed to 5-aminosalicylic acid during pregnancy: a Danish cohort study, **243**
- stomach**, Antagonism of ghrelin receptor reduces food intake and body weight gain in mice, **947**  
Atrophic gastritis: pathology and endoscopy in the reversibility assessment, **1387**  
Gastrointestinal safety of AZD3582, a cyclooxygenase inhibiting nitric oxide donor: proof of concept study in humans, **1537**  
Gut and mind, **918**
- stomach cancer**, Risk of cancers of the oesophagus and stomach by histology or subtype in patients hospitalised for pernicious anaemia, **938**
- stomach neoplasms**, Association of *interleukin 1B* gene polymorphism and gastric cancers in high and low prevalence regions in China, **1684**
- stool test**, Evaluation of a novel monoclonal enzyme immunoassay for detection of *Helicobacter pylori* antigen in stool from children, **804**
- stricture**, Crohn's disease or Crohn's diseases?, **460**  
Early development of stricturing or penetrating pattern in Crohn's disease is influenced by disease location, number of flares, and smoking but not by NOD2/CARD15 genotype, **552**
- stroke**, Barrett's oesophagus: epidemiology comes up with a surprise, **1079**  
Mortality in Barrett's oesophagus: results from a population based study, **1081**
- substance P**, Changes in chemical coding of myenteric neurones in ulcerative colitis, **84**  
Tachykinins potentially stimulate human small bowel blood flow: a laser Doppler flowmetry study in humans, **53**  
Topical capsaicin—a novel and effective treatment for idiopathic intractable pruritus ani: a randomised, placebo controlled, crossover study, **1323**
- sulphydryl compounds**, In vivo electron spin resonance spectroscopy: what use is it to gastroenterologists?, **1236**  
Mucosal sulphydryl compounds evaluation by in vivo electron spin resonance spectroscopy in mice with experimental colitis, **1291**
- sulphasalazine**, Sulphasalazine and mesalazine: serious adverse reactions re-evaluated on the basis of suspected adverse reaction reports to the Committee on Safety of Medicines, **1530**
- superoxides**, Superoxide production and expression of NAD(P)H oxidases by transformed and primary human colonic epithelial cells, **231**
- surgery**, Decision analysis in the surgical treatment of colorectal cancer due to a mismatch repair gene defect, **1752**
- surveillance**, Prevalence and incidence of hyperplastic polyps and adenomas in familial colorectal cancer: correlation between the two types of colon polyps, **1140**  
Ten year follow up of ulcerative colitis patients with and without low grade dysplasia, **1127**

- surveillance endoscopy**, Biopsy surveillance is still necessary in patients with Barrett's oesophagus despite new endoscopic imaging techniques, **18**
- survival**, Child-Pugh versus MELD score in predicting survival in patients undergoing transjugular intrahepatic portosystemic shunt, **879**  
Prognostic significance of the allelic loss of the BRCA1 gene in colorectal cancer, **1756**
- survival analysis**, Influence of dietary factors on colorectal cancer survival, **868**
- T cell**, Increased expression of interleukin 17 in inflammatory bowel disease, **65**  
Monocyte chemoattractant protein 1 (MCP-1) released from *Helicobacter pylori* stimulated gastric epithelial cells induces cyclooxygenase 2 expression and activation in T cells, **1257**
- T cell receptor gene rearrangement**, Gastrointestinal intraepithelial lymphocytes and T cell lymphomas, **163**  
Refractory coeliac sprue is a diffuse gastrointestinal disease, **205**
- T cells**, Gliadin peptide specific intestinal T cells in coeliac disease, **162**  
Investigation of the putative immunodominant T cell epitopes in coeliac disease, **212**
- tachykinin**, Neutral endopeptidase (EC 3.4.24.11) downregulates the onset of intestinal inflammation in the nematode infected mouse, **1457**
- tauroolithocholate**, Impaired localisation and transport function of canalicular Bsep in tauroolithocholate induced cholestasis in the rat, **1170**
- tea consumption**, A new cause for CA19.9 elevation: heavy tea consumption, **913**
- technician**, Physician-technician, **1657**
- telomerase**, Characterisation of telomerase immortalised normal human oesophageal squamous cells, **327**
- telomere shortening**, Telomere shortening of epithelial cells characterises the adenoma-carcinoma transition of human colorectal cancer, **1304**
- temporal temperature gradient gel electrophoresis**, Alterations of the dominant faecal bacterial groups in patients with Crohn's disease of the colon, **237**
- TGF- $\beta$** , Maternal milk regulation of cell infiltration and interleukin 18 in the intestine of suckling rat pups, **1579**
- therapeutic endoscopy**, Effect of scheduled second therapeutic endoscopy on peptic ulcer rebleeding: a prospective randomised trial, **1403**
- thermal stress**, Caerulein induced pancreatitis, **315**  
Caerulein induced pancreatitis, **452**
- thermoablation**, Ablative mucosectomy is the procedure of choice to prevent Barrett's cancer, **14**  
Ablative mucosectomy is the procedure of choice to prevent Barrett's cancer, **16**
- thiopurine methyltransferase**, Expression of thiopurine methyltransferase in South Asians, **914**  
Meeting report of the British Society for Gastroenterology Meeting, March 2003, **1383**
- thiopurine S-methyltransferase**, Safe treatment of thiopurine S-methyltransferase deficient Crohn's disease patients with azathioprine, **140**
- thrombosis**, Budd-Chiari syndrome with portal, splenic, and superior mesenteric vein thrombosis treated with TIPS: who dares wins, **438**  
Transient ischaemic colitis following an aeroplane flight, **1072**
- thrombotic risk factors**, Thrombotic risk factors and extent of liver fibrosis in chronic viral hepatitis, **404**
- tight junction**, Early effects of gliadin on enterocyte intracellular signalling involved in intestinal barrier function, **218**
- tight junctions**, Intestinal epithelial responses to enteric pathogens: effects on the tight junction barrier, ion transport, and inflammation, **439**
- TIPS**, Budd-Chiari syndrome with portal, splenic, and superior mesenteric vein thrombosis treated with TIPS: who dares wins, **438**
- tissue arrays**, Tissue and cell imaging in situ: potential for applications in pathology and endoscopy, **iv1**
- tissue inhibitors of metalloproteinases**, Rat pancreatic stellate cells secrete matrix metalloproteinases: implications for extracellular matrix turnover, **275**
- tissue microdissection**, Tissue and cell imaging in situ: potential for applications in pathology and endoscopy, **iv1**
- tissue transglutaminase**, Autoantibodies of patients with coeliac disease are insufficient to block tissue transglutaminase activity, **1562**
- tobacco smoking**, Risk factors for peptic ulcer disease: a population based prospective cohort study comprising 2416 Danish adults, **186**
- topical capsaicin**, Topical capsaicin—a novel and effective treatment for idiopathic intractable pruritus ani: a randomised, placebo controlled, crossover study, **1323**
- toxic epitope**, Coeliac disease: in vivo toxicity of the putative immunodominant epitope, **1698**
- toxic megacolon**, Fulminant Crohn's colitis after allogeneic stem cell transplantation, **1518**  
Transplanting the genetic susceptibility to Crohn's disease, **1394**
- toxins**, ABC of oral bioavailability: transporters as gatekeepers in the gut, **1788**
- transcription**, Tumour necrosis factor  $\gamma$  and nuclear factor  $\kappa$ B inhibit transcription of human *TFF3* encoding a gastrointestinal healing peptide, **1297**
- transcription factor expression**, Isolation, maturational level, and functional capacity of human colon lamina propria plasma cells, **383**
- transforming growth factor beta**, Autocrine growth inhibition by transforming growth factor  $\beta$ -1 (TGF $\beta$ -1) in human neuroendocrine tumour cells, **1308**  
Keeping neuroendocrine cells in check: roles for TGF $\beta$ , Smads, and menin?, **1237**
- transglutaminase 2**, Missing endomysial and reticulin binding of coeliac antibodies in transglutaminase 2 knockout tissues, **199**
- transient lower oesophageal sphincter relaxation**, Effect of the GABA $_B$  agonist baclofen in patients with symptoms and duodeno-gastro-oesophageal reflux refractory to proton pump inhibitors, **1397**
- transjugular intrahepatic portosystemic shunt**, Acute propranolol administration effectively decreases portal pressure in patients with TIPS dysfunction, **130**  
Child-Pugh versus MELD score in predicting survival in patients undergoing transjugular intrahepatic portosystemic shunt, **879**
- transjugular intrahepatic portosystemic stent shunt**, Balloon occluded retrograde transvenous obliteration: a feasible alternative to transjugular intrahepatic portosystemic stent shunt, **611**
- translocation**, Cyclooxygenase 2 mediates post-inflammatory colonic secretory and barrier dysfunction, **1714**
- transplantation**, Dendritic cells and immune regulation in the liver, **307**  
Immunomodulatory effects of inhaled carbon monoxide on rat syngeneic small bowel graft motility, **1278**
- transport**, ATP binding cassette transporter gene expression in rat liver progenitor cells, **1060**
- trefoil factors**, Tumour necrosis factor  $\gamma$  and nuclear factor  $\kappa$ B inhibit transcription of human *TFF3* encoding a gastrointestinal healing peptide, **1297**
- triacylglycerol**, Mobilisation of enterocyte fat stores by oral glucose in humans, **834**
- triglycerides**, Gall bladder dysmotility: a risk factor for gall stone formation in hypertriglyceridaemia and reversal on triglyceride lowering therapy by bezafibrate and fish oil, **109**
- trinitrobenzene sulphonic acid**, In vivo electron spin resonance spectroscopy: what use is it to gastroenterologists?, **1236**  
Mucosal sulphhydryl compounds evaluation by in vivo electron spin resonance spectroscopy in mice with experimental colitis, **1291**
- trypsin**, Trypsin and host defence: a new role for an old enzyme, **166**
- trypsinogen**, Caerulein induced pancreatitis, **315**  
Caerulein induced pancreatitis, **452**
- tumour necrosis factor**, Glutamine deprivation facilitates tumour necrosis factor induced bacterial translocation in Caco-2 cells by depletion of enterocyte fuel substrate, **224**  
Tumour necrosis factor  $\gamma$  and nuclear factor  $\kappa$ B inhibit transcription of human *TFF3* encoding a gastrointestinal healing peptide, **1297**  
Tumour necrosis factor  $\gamma$  is an important mediator of portal and systemic haemodynamic derangements in alcoholic hepatitis, **1182**  
Upregulation of lymphotoxin  $\beta$  expression in liver progenitor (oval) cells in chronic hepatitis C, **1327**
- tumour necrosis factor receptor associated factor 6**, Gastrin activates nuclear factor  $\kappa$ B (NF $\kappa$ B) through a protein kinase C dependent pathway involving NF $\kappa$ B inducing kinase, inhibitor  $\kappa$ B (I $\kappa$ B) kinase, and tumour necrosis factor receptor associated factor 6 (TRAF6) in MKN-28 cells transfected with gastrin receptor, **813**
- tumour progression**, The *Cdx2* homeobox gene has a tumour suppressor function in the distal colon in addition to a homeotic role during gut development, **1465**
- twin study**, Genetic influences in gastro-oesophageal reflux disease: a twin study, **1085**

- ulcer**, Gastrointestinal safety of AZD3582, a cyclooxygenase inhibiting nitric oxide donor: proof of concept study in humans, **1537**
- ulcer rebleeding**, Effect of scheduled second therapeutic endoscopy on peptic ulcer rebleeding: a prospective randomised trial, **1403**
- ulcerative colitis**, A randomised placebo controlled trial of pegylated interferon  $\alpha$  in active ulcerative colitis, **1728**  
Activated platelets are the source of elevated levels of soluble CD40 ligand in the circulation of inflammatory bowel disease patients, **1435**  
Analysis of the *IBD5* locus and potential gene-gene interactions in Crohn's disease, **541**  
Association between K469E allele of intercellular adhesion molecule 1 gene and inflammatory bowel disease in a Japanese population, **75**  
CARD4/NOD1 is not involved in inflammatory bowel disease, **71**  
Changes in chemical coding of myenteric neurones in ulcerative colitis, **84**  
Changing pattern of paediatric inflammatory bowel disease in northern Stockholm 1990–2001, **1432**  
Contrast enhanced magnetic resonance imaging of the terminal ileum in children with Crohn's disease, **393**  
Fluorescence endoscopy for the detection of low and high grade dysplasia in ulcerative colitis using systemic or local 5-aminolaevulinic acid sensitisation, **1003**  
Genotype-phenotype analysis of the Crohn's disease susceptibility haplotype on chromosome 5q31, **1133**  
Incidence and prevalence of ulcerative colitis in Punjab, North India, **1587**  
Induction of experimental ulcerative colitis by *Fusobacterium varium* isolated from colonic mucosa of patients with ulcerative colitis, **79**  
Infliximab in moderately severe glucocorticoid resistant ulcerative colitis: a randomised controlled trial, **998**  
Interferon  $\beta$ -1a in ulcerative colitis: a placebo controlled, randomised, dose escalating study, **1286**  
Isolation of peptides useful for differential diagnosis of Crohn's disease and ulcerative colitis, **535**  
Mucosal tears on endoscopic insufflation, **613**  
Neutrophil derived human S100A12 (EN-RAGE) is strongly expressed during chronic active inflammatory bowel disease, **847**  
Prevalence of gastrointestinal diseases in two British national birth cohorts, **1117**  
Ten year follow up of ulcerative colitis patients with and without low grade dysplasia, **1127**
- ulcers**, Non-steroidal anti-inflammatory drugs: overall risks and management. Complementary roles for COX-2 inhibitors and proton pump inhibitors, **600**
- ultrasound**, Liver microbubble transit time compared with histology and Child-Pugh score in diffuse liver disease: a cross sectional study, **1188**
- unlinked anonymous testing**, Risk of hepatitis C virus transmission from patients to surgeons: model based on an unlinked anonymous study of hepatitis C virus prevalence in hospital patients in Glasgow, **1333**
- upper gastrointestinal endoscopy**, Upper gastrointestinal endoscopy performed by nurses: scope for the future?, **1090**
- urea breath test**,  $^{13}\text{C}$  urea breath test (UBT) in the diagnosis of *Helicobacter pylori*: why does it work better with acid test meals?, **933**
- urease activity**,  $^{13}\text{C}$  urea breath test (UBT) in the diagnosis of *Helicobacter pylori*: why does it work better with acid test meals?, **933**
- urinary ammonia excretion**, Enhanced renal ammonia excretion following volume expansion in patients with well compensated cirrhosis of the liver, **1041**
- urinary nitrite excretion**, Increased nitric oxide excretion in patients with severe acute pancreatitis: evidence of an endotoxin mediated inflammatory response?, **270**
- ursodeoxycholic acid**, Intestinal absorption of the bile acid analogue  $^{75}\text{Se}$ -homocholic acid-taurine is increased in primary biliary cirrhosis, and reverts to normal during ursodeoxycholic acid administration, **1371**
- variceal bleeding**, Acute propranolol administration effectively decreases portal pressure in patients with TIPS dysfunction, **130**
- vascular endothelial growth factor**, Vascular endothelial growth factor and receptor interaction is a prerequisite for murine hepatic fibrogenesis, **1347**
- vascular reactivity**, Enhanced vasodilatation to endothelin antagonism in patients with compensated cirrhosis and the role of nitric oxide, **410**
- Vibrio cholerae**, Efficacy and tolerability of racecadotril in the treatment of cholera in adults: a double blind, randomised, controlled clinical trial, **1419**
- video capsule endoscopy**, Diagnosing small bowel Crohn's disease with wireless capsule endoscopy, **390**
- Vienna classification**, Gastrointestinal epithelial neoplasia, **455**
- villous atrophy**, Oats induced villous atrophy in coeliac disease, **1649**
- viral clearance**, Ten year incidence of HCV infection in northern Italy and frequency of spontaneous viral clearance, **1030**
- virtual colonoscopy**, Dark lumen magnetic resonance colonography: comparison with conventional colonoscopy for the detection of colorectal pathology, **1738**  
The virtuosity of virtuality or how real is virtual colonography, **1662**
- visceral perception**, Intestinal gas distribution determines abdominal symptoms, **1708**
- visceral sensitivity**, Influence of body posture on intestinal transit of gas, **971**  
Non-invasive investigation of gastrointestinal functions with magnetic resonance imaging: towards an "ideal" investigation of gastrointestinal function, **iv34**
- vitamin C**, Conditions for acid catalysed luminal nitrosation are maximal at the gastric cardia, **1095**
- vitamin D**, Hepatic osteodystrophy in rats results mainly from portasystemic shunting, **580**
- weight**, Effect of a protein and energy dense n-3 fatty acid enriched oral supplement on loss of weight and lean tissue in cancer cachexia: a randomised double blind trial, **1479**  
Nutritional therapy for cancer cachexia, **1391**
- wireless capsule endoscope**, Wireless capsule endoscopy, **iv48**  
Wireless capsule endoscopy: a comparison with push enteroscopy in patients with gastroscopy and colonoscopy negative gastrointestinal bleeding, **1122**
- wireless capsule endoscopy**, Diagnosing small bowel Crohn's disease with wireless capsule endoscopy, **1531**