Subject index

5' non-translated region, Association between severity of type A hepatitis and nucleotide variations in the 5' non-translated region of hepatitis A virus RNA: strains from fulminant hepatitis have fewer nucleotide substitutions, 82

5-aminosalicylic acid, Which 5-ASA?, 548

5-HT agonist, Pharmacotherapy, i96

Serotonergic modulation of visc gastrointestinal tract, i77 5-HT antagonist, Pharmacotherapy, i96 visceral sensation: upper

Serotonergic modulation gastrointestinal tract, i77 modulation of visceral sensation: upper

 $\alpha_{\mathbf{2}}$ adrenoceptor agonists Pharmacotherapy: non-serotonergic mechanisms, i87

adrenoceptor agonists Pharmacotherapy, i96

- ABCG5/8, Comparison of the hepatic clearances of campesterol, sitosterol, and cholesterol in healthy subjects suggests that efflux transporters controlling intestinal sterol absorption also regulate biliary secretion, **860** caldehyde, Cocarcinogenic
- acetaldehyde, effects of alcohol hepatocarcinogenesis: review, 132
- acid secretion, Impact of acid secretion, gastritis, and mucus thickness on gastric transfer of antibiotics in rats, 490
- acid suppression, Upper gastrointestinal bleeding and surrogate end points: letter, 140
 - Upper gastrointestinal bleeding and surrogate end points: letter,
- acromegaly, Screening guidelines for colorectal cancer and polyps
- in patients with acromegaly, v13
 activation peptide, Serum levels of procarboxypeptidase B and its activation peptide in patients with acute pancreatitis and non-pancreatic diseases, 229
- acupuncture, Acupuncture for gastrointestinal disorders: myth or magic, **617**
- acute cholangitis, A randomised controlled trial of endoscopic sphincterotomy in acute cholangitis without common bile duct stones, 245

Evaluating ERCP is important but difficult, 287

- acute fatty liver of pregnancy, Prospective study of liver dysfunction in pregnancy in Southwest Wales, 876
- acute hepatitis, Association between severity of type A hepatitis and nucleotide variations in the 5' non-translated region of hepatitis A virus RNA: strains from fulminant hepatitis have fewer nucleotide substitutions, 82
- acute pancreatitis, Pancreatic stellate cells contribute to regeneration early after acute necrotising pancreatitis in humans, 574
 - Serum levels of procarboxypeptidase B and its activation peptide in patients with acute pancreatitis and non-pancreatic diseases,
- acute phase proteins, Overexpression of α_1 -acid glycoprotein in transgenic mice leads to sensitisation to acute colitis, 398
- adenomatous polyposis coli, Intraductal papillary and mucinous pancreatic tumour: a new extracolonic tumour in familial adenomatous polyposis, 446
- adenomatous polyps, Effect of folate supplementation on mucosal cell proliferation in high risk patients for colon cancer, 195
- adhesion molecules, High frequency of autoantibodies in patients with primary sclerosing cholangitis that bind biliary epithelial cells and induce expression of CD44 and production of interleukin 6. 120
- rent nervous system, Visceral perception transduction in visceral afferents and nutrients, i11 afferent perception:
- age, Current guidelines fail young patients with oesophagogastric cancer, 296
- airway protection, Effect of chronic and acute cigarette smoking on the pharyngoglottal closure reflex, 771
- alcohol, Alcohol abuse and the risk of pancreatic cancer, 236 Cocarcinogenic effects of alcohol in hepatocarcinogenesis: review, 132

Rectal proliferation and alcohol abuse, 611

- alicaforsen, Double blind, placebo controlled trial of the remission inducing and steroid sparing properties of an ICAM-1 antisense oligodeoxynucleotide, alicaforsen (ISIS 2302), in active steroid dependent Crohn's disease, 30
- allergy, Aberrant composition of gut microbiota of allergic infants: a target of bifidobacterial therapy at weaning?, 51
- amylase, Serum levels of procarboxypeptidase B and its activation peptide in patients with acute pancreatitis and non-pancreatic diseases, 229
- anismus, Is anorectal endosonography valuable in dyschesia?, 695 rectal endosonography, valuable in dyschesia?, 695 ls anorectal endosonography
- anterior cingulate nucleus, Role of the brain and sensory pathways in gastrointestinal sensory disorders in humans, i29

- antibiotics, Impact of acid secretion, gastritis, and mucus thickness on gastric transfer of antibiotics in rats. 490
- antiendomysial antibodies, Invasive or non-invasive methods for the diagnosis of subclinical coeliac disease?, 455
 antigen presenting cell, T-bet and mucosal Th1 responses in the gastrointestinal tract, 301
- antireflux surgery, Laparoscopic fundoplication is the treatment of choice for gastro-oesophageal reflux disease, 468
 - Laparoscopic fundoplication is the treatment of choice for gastro-
- oesophageal reflux disease, **472** antisense oligonucleotides, ICAM-1 and VCAM-1 antisense oligonucleotides attenuate in vivo leucocyte adherence and inflammation in rat inflammatory bowel disease, 529
- anti-tissue transglutaminase antibodies, Anti-tissue glutaminase antibodies from coeliac patients transglutaminase activity both in vitro and in situ, 177
- PC, Explaining variation in familial adenomatous polyposis: relationship between genotype and phenotype and evidence for modifier genes, 420
 Infection and irritability, 305
- apolipoprotein A-IV, Visceral perception: sensory transduction in visceral afferents and nutrients, i11
- apoptosis resistance, Pk11195, a mitochondrial benzodiazepine eceptor antagonist, reduces apoptosis threshold in Bcl-X_L and McI-1 expressing human cholangiocarcinoma cells, 556
- apoptosis, Regression of Peyer's patches in Gαi2 deficient mice prior to colitis is associated with reduced expression of Bcl-2 and increased apoptosis, 392
 - Relationship between Helicobacter pylori babA2 status with gas tric epithelial cell turnover and premalignant gastric lesions, 480
- appendectomy, appendectomy, Cigarette smoking, tonsillectomy as risk factors for the development of primary sclerosing cholangitis: a case control study, **567**

appendicectomy, Appendix redux, 764

- ffects of appendicectomy on the course of ulcerative colitis, 803 Protective role of appendicectomy on onset and severity of ulcerative colitis and Crohn's disease, 808
- appendicitis, Acute appendicitis in Japanese soldiers in Burma: support for the "fibre" theory, 297
 Appendix redux, 764
 Protective role of appendicectomy on onset and severity of ulcerative colitis and Crohn's disease, 808

- argon plasma coagulation, Argon plasma coagulation therapy for ablation of Barrett's oesophagus, 763
- Efficacy and one year follow up of argon plasma coagulation therapy for ablation of Barrett's oesophagus: factors determining persistence and recurrence of Barrett's epithelium, 776 arterial blood volume, Terlipressin and arterial blood volume after
- paracentesis for tense ascites in cirrhosis, 755
- ascites, Renal tubular events following passage from the supine to the standing position in patients with compensated liver cirrhosis: loss of tubuloglomerular feedback, 736
- asymptomatic carrier, Histological features and HLA class II alleles in hepatitis C virus chronically infected patients with persistently normal alanine aminotransferase levels, 585
- atrophic gastritis, Hepatocellular carcinoma: is current therapy really altering outcome?, 459
- Impact of Helicobacter pylori infection and mucosal atrophy on gastric lesions in patients with familial adenomatous polyposis, 485
- Risk of gastric carcinoma in patients with atrophic gastritis and intestinal metaplasia, 899
- Timing and sampling in surveillance of premalignant gastric lesions, 896
- autism, Effect of Pentavac and measles-mumps-rubella (MMR) vaccination on the intestine, 816
- autoimmune disease, Coeliac disease and the risk of autoimmune disorders, 897
 - Coeliac disease and the risk of autoimmune disorders, 897
- autoimmune disorders, Gluten exposure and risk of autoimmune disorders: letter, 140
- autoimmune hepatitis, Establishment of standardised SLA/LP immunoassays: specificity for autoimmune hepatitis, worldwide occurrence, and clinical characteristics, 259
- autoimmune liver diseases, High frequency of autoantibodies in patients with primary sclerosing cholangitis that bind biliary epi-thelial cells and induce expression of CD44 and production of interleukin 6, 120
- autoimmune pancreatitis, Autoimmune related pancreatitis: review, 1
- autonomic innervation, Slow transit constipation: more than one disease?, 610
- autophagocytosis, Autophagocytosis of the apical membrane in microvillus inclusion disease, 514

azathioprine, TPMT in the treatment of Crohn's disease with azathioprine, 143

- β -defensin Modulation of host antimicrobial peptide (β -defensins 1 and 2) expression during gastritis, 356
- babA2 Relationship between Helicobacter pylori babA2 status with gastric epithelial cell turnover and premalignant gastric lesions, 480
- B cell attracting chemokine 1, B cell attracting chemokine 1 (CXCL13) and its receptor CXCR5 are expressed in normal and aberrant gut associated lymphoid tissue, 364
- barostat, Non-invasive measurement of gastric accommodation in humans, i59

 - Role of nitric oxide in gastric motor and sensory functions in healthy subjects, **212**Testing the sensitivity hypothesis in practice: tools and methods, assumptions and pitfalls, **134**
- Barrett's oesophagus, Argon plasma coagulation therapy for ablation of Barrett's oesophagus, 763
 Cytokeratin immunoreactivity of intestinal metaplasia, 894
 - tokeratin immunoreactivity of intestinal metaplasia, 894
 - Efficacy and one year follow up of argon plasma coagulation therapy for ablation of Barrett's oesophagus: factors determining persistence and recurrence of Barrett's epithelium, **776**Endoscopic surveillance of patients with Barrett's oesophagus,
 - 313
 - Endoscopic surveillance of patients with Barrett's oesophagus,
 - Familial aggregation of Barrett's oesophagus, oesophageal adenocarcinoma, and oesophagogastric junctional adenocarcinoma in Caucasian adults, 323
 Inflammatory gradient in Barrett's oesophagus: implications for
 - disease complications, 316
- Pk11195, a mitochondrial benzodiazepine antagonist, reduces apoptosis threshold in Bcl-X_L and Mcl-1
- expressing human cholangiocarcinoma cells, **556 tani MS, Tandon RK,** *editors.* Recent A Gastrointestinal Endoscopy book reviews, **298** Bhutani MS,
- bifidobacteria, Aberrant composition of gut microbiota of allergic infants: a target of bifidobacterial therapy at weaning?, 51
- bile reflux, Bile reflux gastritis and intestinal metaplasia at the cardia, 351
- biliary cancer, Guidelines for the diagnosis and treatment of cholangicarcinoma: consensus document, vi1
 biliary excretion, Comparison of the hepatic clearances of campesterol, sitosterol, and cholesterol in healthy subjects suggests that efflux transporters controlling intestinal sterol absorption also regulate biliary secretion, 860
- bilirubin, Causes of obvious jaundice in South West Wales, 613 biofeedback, Slow transit constipation: more than one disease?,
- biomaterial injection, Injectable silicone biomaterial for faecal incontinence due to internal anal sphincter dysfunction, 225
- biopsy, Non-alcoholic steatohepatitis (NASH): why biopsy?, 898 Non-alcoholic steatohepatitis (NASH): why biopsy?, 898
- bleeding varices, Mortality with oesophageal varices: different things to different people, 894
- body mass index, Serum leptin and body mass index in children with H pylori infection: letter, 142
- body weight, Obesity and colorectal cancer risk in women, 191 TPMT in the treatment of Crohn's disease with azathioprine, 143
- bone mineral density, High prevalence of osteoporotic vertebral fractures in patients with Crohn's disease, 654
- breast feeding, Aberrant composition of gut microbiota of allergic infants: a target of bifidobacterial therapy at weaning?, 51
 Breast milk against coeliac disease, 767
 - Effect of breast milk and weaning on epithelial growth of the small intestine in humans, 748
- C peptide deconvolution, Mechanisms of hyperinsulinaemia in Child's disease grade B liver cirrhosis investigated in free living conditions, 870
- cagA, Toxigenic Helicobacter pylori induces changes in the gastric mucosal microcirculation in rats, 641
- calcium, Extracellular calcium sensing receptor in human pancreatic cells, 705
- calorie restriction, A long hard look at Dukes' B, 6
- Effect of weight reduction on liver histology and biochemistry in patients with chronic hepatitis C, 89
- campesterol, Comparison of the hepatic clearances of campesterol, sitosterol, and cholesterol in healthy subjects suggests that efflux transporters controlling intestinal sterol absorption also regulate biliary secretion, 860
- Campylobacter Trends in indigenous foodborne disease and deaths, England and Wales: 1992 to 2000, 832
- cancer registries, Colon cancer in France: improvement in management and survival, 60
- cancer, Expression of CDX2 in normal and neoplastic human colon tissue and during differentiation of an in vitro model system,

carboxypeptidase B, Serum levels of procarboxypeptidase B and its activation peptide in patients with acute pancreatitis and non-pancreatic diseases, 229

- carcinoma, Acupuncture for gastrointestinal disorders: myth or magic, **617**
- Gastrointestinal epithelial neoplasia: Vienna revisited: review, 130 Observer variation in the diagnosis of superficial oesophageal adenocarcinoma, 671
- cardiovascular disease, Hyperlipidaemic state and cardiovascular
- risk in primary biliary cirrhosis, 265 CD30, Heterogeneity of intraepithelial lymphocytes in refractory
 - sprue: potential implications of CD30 expression, 372
 T-bet and mucosal Th1 responses in the gastrointestinal tract,
- CDX1, Expression of CDX2 in normal and neoplastic human colon tissue and during differentiation of an in vitro model system,
- CDX2, Expression of CDX2 in normal and neoplastic human colon tissue and during differentiation of an in vitro model system, 184
- cell adhesion molecules, ICAM-1 and VCAM-1 antisense oligonucleotides attenuate in vivo leucocyte adherence and inflamma-tion in rat inflammatory bowel disease, **529 cell cycle deregulation**, INK4a-ARF alterations in liver cell
- adenoma, 253
- cellular glucose transport, Visceral perception: sensory transduction in visceral afferents and nutrients, i11
- **cellular immunology,** Suppressor T cells, rebranded as regulatory T cells, emerge from the wilderness bearing surface markers, 311
- central nervous system, Role of nerves in enteric infection, 759
- chemokine, Colonic epithelial cells are a major site of macrophage inflammatory protein 3α (MIP- 3α) production in normal colon and inflammatory bowel disease, **818**
- chemoprevention, Effect of folate supplementation on mucosal cell proliferation in high risk patients for colon cancer, 195
- children, Adult height in patients with early onset of Crohn's disease. 26
- Chinese, Double blind, randomised, placebo controlled study of four weeks of lansoprazole for the treatment of functional dyspepsia in Chinese patients, 502
 - Functional dyspepsia: bye-bye to PPIs, 464
- cholangiocarcinoma, Guidelines for the diagnosis and treatment of cholangiocarcinoma: consensus document, vi1
- Natural history of primary sclerosing cholangitis and prognostic value of cholangiography in a Dutch population, **562**Patients with small duct primary sclerosing cholangitis have a favourable long term prognosis, **731**Pk11195, a mitochondrial benzodiazepine receptor antagonist, reduce constraint the prognosis of the prognosis
- reduces apoptosis threshold in Bcl-X_L and Mcl-1 expressing human cholangiocarcinoma cells, 556
- cholecystokinin, dyspepsia, i50 Food and hypersensitivity in functional
 - Neuroanatomy of visceral nociception: vagal and splanchnic afferent, i2
- The role of fat and cholecystokinin in functional dyspepsia, i54 Visceral perception: sensory transduction in visceral afferents and nutrients, i11
- cholestasis, Hepatoprotection with tauroursodeoxycholate and β muricholate against taurolithocholate induced cholestasis: involvement of signal transduction pathways, 113
- cholestatic pruritus, Rifampicin and treatment of cholestatic pruritus, 756
- cholesterol, Comparison of the hepatic clearances of campesterol, sitosterol, and cholesterol in healthy subjects suggests that efflux transporters controlling intestinal sterol absorption also regulate biliary secretion, 860
 - Hyperlipidaemic state and cardiovascular risk in primary biliary cirrhosis, 265
- chromatin crosslinking and immunoprecipitation, Gastroprotective peptide trefoil factor family 2 gene is activated by upstream stimulating factor but not by c-Myc in gastrointestinal cancer cells, 685
- chronic gastritis, Regression of fundic gland polyps following acquisition of Helicobacter pylori, 742
 chronic hepatitis B carriers, Acute hepatitis C virus (HCV) infections.
- tion in chronic carriers of hepatitis B virus (HBV): the impact of underlying active HBV replication on persistence of HCV infection and antibody responses to HCV, 95
- chronic hepatitis, Histological features and HLA class II alleles in hepatitis C virus chronically infected patients with persistently normal alanine aminotransferase levels, **585**
 - Regulation of circulating immune complexes by complement receptor type 1 on erythrocytes in chronic viral liver diseases,
- chronic pancreatitis, Risk of pancreatic adenocarcinoma in chronic pancreatitis, 849
- Risk of pancreatic ductal adenocarcinoma in chronic pancreatitis,
- cirrhosis, Cardiac response to exercise in cirrhosis, 755

Subject index 3 of 13

Renal tubular events following passage from the supine to the standing position in patients with compensated liver cirrhosis: loss of tubuloglomerular feedback, **736**

Terlipressin and arterial blood volume after paracentesis for tense ascites in cirrhosis, 755

- cirrhotic rats, In vivo gene transfer of endothelial nitric oxide synthase decreases portal pressure in anaesthetised carbon tetrachloride cirrhotic rats, 440
- classification, Distinction between "high grade MALT" and diffuse large B cell lymphoma, 893
 - Distinction between "high grade MALT" and diffuse large B cell lymphoma, 893
- clonality, Polyclonal nature of diffuse proliferation of interstitial cells of Cajal in patients with familial and multiple gastrointestinal stromal tumours, 793
- Clostridium difficile Intravenous immunoglobulin for recurrent Clostridium difficile diarrhoea, 456
- Clostridium difficile toxins Antidiarrhoeal properties of a novel sigma ligand (JO 2871) on toxigenic diarrhoea in mice: mechanisms of action, 522
- c-Myc, Gastroprotective peptide trefoil factor family 2 gene is activated by upstream stimulating factor but not by c-Myc in gastrointestinal cancer cells, 685
- arcinogen, Cocarcinogenic e hepatocarcinogenesis: review, 132 effects cocarcinogen,
- coeliac disease, Anti-tissue transglutaminase antibodies from coeliac patients inhibit transglutaminase activity both in vitro and in

Breast milk against coeliac disease, 767 Coeliac disease and the risk of autoimmune disorders, 897 Coeliac disease and the risk of autoimmune disorders, 897 Gluten exposure and risk of autoimmune disorders: letter, 140

Invasive or non-invasive methods for the diagnosis of subclinical

coeliac disease?, 455
Oats and coeliac disease, 757
Oats and coeliac disease, 757

cohort studies, Obesity and colorectal cancer risk in women, 191 collagenase, Upregulation of matrix metalloproteinases in a model of T cell mediated tissue injury in the gut: analysis by gene array and in situ hybridisation, 540

colon cancer, A place for TACE, 5
Identification of objective pathological prognostic determinants and models of prognosis in Dukes' B colon cancer, 65

- colon carcinoma, Colon cancer in France: evidence for improvement in management and survival, 60
- colonic neoplasia, Performance of multidetector computed tomography colonography compared with conventional colonoscopy,
- colonic phenotypic change, Mucin gene expression in the ileoanal reservoir is altered and may be relevant to the risk of inflammation and dysplasia, 386
- colon, Cholinergic and nitrergic interneurones in the myenteric plexus of the human colon, 70

 Explaining variation in familial adenomatous polyposis: relationship between genotype and phenotype and evidence for modifier genes, 420

 Expression of CDX2 in normal and neoplastic human colon tissue
 - and during differentiation of an in vitro model system, 184 Infection and irritability, 305
- colonography, Performance multidetector tomography colonography compared with conventional colonoscopy, 207
- colorectal adenoma, Risk related surveillance following colorectal polypectomy, 424
- colorectal cancer, Characterisation of colorectal cancers showing
 - hypermethylation at multiple CpG islands, **797**Do those with positive faecal occult blood tests need upper gastrointestinal investigations if no colorectal cancer cause is found?, 466
 - gastrointestinal surveillance for hereditary
- non-polyposis colorectal cancer, familial adenomatous polypolis, juvenile polyposis, and Peutz-Jeghers syndrome, v21

 Guidance on large bowel surveillance for people with two first degree relatives with colorectal cancer or one first degree relatives. tive diagnosed colorectal cancer under 45 years, v17
- Guidelines for colorectal cancer screening in high risk groups, v1 Guidelines for follow up after resection of colorectal cancer, v3 Guidelines for monitoring of patients with ureterosigmoidostomy,
- Guidelines for screening and surveillance of asymptomatic colorectal cancer in patients with inflammatory bowel disease, v10 Obesity and colorectal cancer risk in women, 191

Rectal proliferation and alcohol abuse, 611

- Screening guidelines for colorectal cancer and polyps in patients
- with acromegally, v13
 Surveillance guidelines after removal of colorectal adenomatous
- TPMT in the treatment of Crohn's disease with azathioprine, 143 Transient mismatch repair gene transfection for functional analysis of genetic hMLH1 and hMSH2 variants, 677

colorectal carcinoma, Frequent loss of SMAD4/DPC4 protein in colorectal cancers, 56

- colorectal polypectomy, Risk related surveillance following colorectal polypectomy, 424
- colorectal tumour, Flat and depressed colorectal tumours in a southern Swedish population: a prospective chromoendoscopic and histopathological study, **550**
- complement receptor type 1, Regulation of circulating immune complexes by complement receptor type 1 on erythrocytes in chronic viral liver diseases, 591
- computed tomography, Performance of multidetector computed tomography colonography colonoscopy, **207** compared with conventional
- constipation, is anorectal endosonography valuable in dyschesia?,
 - Slow transit constipation: more than one disease?, 610
- trast echocardiography, Hepatopulmonary syndrome: prevalence and predictive value of various cut offs for arterial contrast oxygenation and their clinical consequences, 853
- corpus, Regression of fundic gland polyps following acquisition of Helicobacter pylori, 742
- corticotrophin releasing hormone, Role of thyrotrophin releasing hormone and corticotrophin releasing factor in stress related alterations of gastrointestinal motor function, i45
- CpG island methylator phenotype, Characterisation of colorectal cancers showing hypermethylation at multiple CpG islands,
- Crohn's disease, Activation of signal transducer and activator of transcription (STAT) 1 in human chronic inflammatory bowel disease, 379
- Adult height in patients with early onset of Crohn's disease, 26 Anti-tumour necrosis factor therapy in Crohn's disease: where are we now?, 362

Appendix redux, 764

- Autoimmune related pancreatitis, 1
 Behaviour of Crohn's disease according to the Vienna classification, 614
 Crohn's disease recurrence can be prevented after ileal
- resection, 152
- Crohn's disease recurrence can be prevented after ileal resection, 153
- Double blind, placebo controlled trial of the remission inducing and steroid sparing properties of an ICAM-1 antisense oligode-oxynucleotide, alicaforsen (ISIS 2302), in active steroid dependent Crohn's disease, **30**
- Fat composition may be a clue to explain the primary therapeutic effect of enteral nutrition in Crohn's disease: results of a double blind randomised multicentre European trial, 164
- High prevalence of osteoporotic vertebral fractures in patients with Crohn's disease, 654

 Ileal Crohn's disease is best treated by surgery, 11

 Ileal Crohn's disease is best treated by surgery, 13

 In siblings with similar genetic susceptibility for inflammatory

- bowel disease, smokers tend to develop Crohn's disease and non-smokers develop ulcerative colitis, 21
- Ineffectiveness of probiotics in preventing recurrence after curative resection for Crohn's disease: a randomised controlled trial with Lactobacillus GG, 405
- New steroids for IBD: progress report, **182**No seasonality in month of birth of inflammatory bowel disease cases: a prospective population based study of British under 20 ear olds, 814
- PCR detection of Mycobacterium paratuberculosis in Crohn's disease granulomas isolated by laser capture microdissection,
- Protective role of appendicectomy on onset and severity of ulcerative colitis and Crohn's disease, 808
- TPMT in the treatment of Crohn's disease with azathioprine, 143 Tumour necrosis factor α converting enzyme (TACE) activity in the colonic mucosa of patients with inflammatory bowel disease, 37

Which 5-ASA?, 548

- CXC chemokine receptor 5, B cell attracting chemokine 1 (CXCL13) and its receptor CXCR5 are expressed in normal and aberrant gut associated lymphoid tissue, 364
- cytochrome P450, Cocarcinogenic effects of alcohol in hepatocarcinogenesis: review, 132
- cytokeratins, Cytokeratin immunoreactivity of intestinal metaplasia,
 - Cytokeratin immunoreactivity of intestinal metaplasia, 894
- cytokines, Centrally acting agents and visceral sensitivity, i91 High frequency of autoantibodies in patients with primary sclerosing cholangitis that bind biliary epithelial cells and induce expression of CD44 and production of interleukin 6, **120** Increased mucosal tumour necrosis factor α production in
 - Crohn's disease can be downregulated ex vivo by probiotic bacteria, 659
 - Inflammatory gradient in Barrett's oesophagus: implications for disease complications, 316

DBcAMP cell signalling, Hepatoprotection with tauroursodeoxycholate and β muricholate against taurolithocholate induced cholestasis: involvement of signal transduction pathways, 113 depressed adenoma, Flat and depressed colorectal tumours in a

southern Swedish population: a prospective chromoendoscopic and histopathological study, 550

- dextran sodium sulphate, Overexpression of α_1 -acid glycoprotein in transgenic mice leads to sensitisation to acute colitis, 398
- diabetes, Motilin agonists and dyspepsia: throwing out the baby with the bath water, **612**diagnosis, Establishment of standardised SLA/LP immunoassays:
- specificity for autoimmune hepatitis, worldwide occurrence, and clinical characteristics, 259
- diarrhoea, Antidiarrhoeal properties of a novel sigma ligand (JO 2871) on toxigenic diarrhoea in mice: mechanisms of action, 522
 - Intravenous immunoglobulin for recurrent Clostridium difficile diarrhoea, 456
- dietary iron content, Duodenal mRNA expression of iron related genes in response to iron loading and iron deficiency in four strains of mice, 648
- diet, Oats and coeliac disease, 757
- differentiation, Expression of CDX2 in normal and neoplastic human colon tissue and during differentiation of an in vitro model system. 184
- distension tests, Role of visceral sensitivity in the pathophysiology of irritable bowel syndrome, i67
- divalent metal transporter 1, Molecular pathogenesis of iron overload, 290
- donor age, Advancing donor liver age and rapid fibrosis progression following transplantation for hepatitis C, 248 dorsal horn neurones, Role of the brain and sensory pathways in
- gastrointestinal sensory disorders in humans, i29
- doubling time, Augmentation effect of postprandial hyperinsulin-aemia on growth of human hepatocellular carcinoma, 100 DPC4, Frequent loss of SMAD4/DPC4 protein in colorectal cancers,
- drug costs, Reducing dyspepsia costs in the community, 613 Dukes' stage B, A place for TACE, 5
 - Identification of objective pathological prognostic determinants and models of prognosis in Dukes' B colon cancer, 65
- duodenal iron absorption, Duodenal mRNA expression of iron related genes in response to iron loading and iron deficiency in four strains of mice, 648 duodenal ulcer, Influence of sex and *Helicobacter pylori* on devel-
- opment and healing of gastroduodenal lesions in non-steroidal anti-inflammatory drug users, 344
- Relative contribution of mucosal injury and Helicobacter pylori in the development of gastroduodenal lesions in patients taking non-steroidal anti-inflammatory drugs, 336
- dyschesia, Is anorectal endosonography valuable in dyschesia?, 695
- pepsia, Current guidelines oesophagogastric cancer, 296 dyspepsia, fail young patients with
 - Motilin agonists and dyspepsia: throwing out the baby with the
 - Primary prevention of diclofenac associated ulcers and dyspepsia by omeprazole or triple therapy in Helicobacter pylori positive patients: a randomised, double blind, placebo controlled, clinical trial. 329
 - Reducing dyspepsia costs in the community, 613
 - Risk factors for ulcer development in patients with non-ulcer dyspepsia: a prospective two year follow up study of 209 patients,
- dyspeptic symptoms, The role of fat and cholecystokinin in functional dyspepsia, i54
 dysplasia, Mucin gene expression in the ileoanal reservoir is altered and may be relevant to the risk of inflammation and dysplasia, 296
- early endosomes, Autophagocytosis of the apical membrane in microvillus inclusion disease, 514
- emotion, Visceral sensation and emotion: a study using hypnosis,
- endoscopic mucosal resection, A case of primary low grade mucosa associated lymphoid tissue (MALT) lymphoma of the oesophagus, 281 Obesity, gender, and colon cancer, 147
- endoscopic recurrence, Ineffectiveness of probiotics in preventing recurrence after curative resection for Crohn's disease: a randomised controlled trial with Lactobacillus GG, 405
- endoscopic retrograde cholangiopancreatography, Endoscopic
- transpapillary biopsies and intraductal ultrasonography in the diagnostics of bile duct strictures: a prospective study, **240** endoscopic sphinterotomy, A randomised controlled trial of endoscopic sphincterotomy in acute cholangitis without common bile duct stones, 245
 - Evaluating ERCP is important but difficult, 287
- endoscopic ultrasound, Endoscopic transpapillary biopsies and intraductal ultrasonography in the diagnostics of bile duct strictures: a prospective study, 240

endoscopy, All that glitters is not gold, 623

- Current guidelines fail young patients with oesophagogastric cancer, 296
 endoscopy Endoscopic surveillance of patients with Barrett's
- oesophagus, 313
- endoscopy Endoscopic surveillance of patients with Barrett's oesophagus, 314
- endosonography, Diagnosis, treatment decisions, and follow up in primary gastric lymphoma, 621
- Endoscopic ultrasound in the follow up and response assessment of patients with primary gastric lymphoma, 691

 endothelin B receptor, Abnormalities of the enteric nervous system in heterozygous endothelin B receptor deficient (spotting lethal) rats resembling intestinal neuronal dysplasia,
- energy, Absorption and metabolism of octanoate by the rat colon in vivo: concentration dependency and influence of alternative fuels, 76
- enteral nutrition. Fat composition may be a clue to explain the primary therapeutic effect of enteral nutrition in Crohn's disease: results of a double blind randomised multicentre European trial,
- enteric infection, Role of nerves in enteric infection, 759
- enteric nervous system, Abnormalities of the enteric nervous system in heterozygous endothelin B receptor deficient (spotting lethal) rats resembling intestinal neuronal dysplasia, 414 enterochromaffin cells, Visceral perception: sensory transduction in visceral afferents and nutrients, i11
- enterocyte, Colonic epithelial cells are a major site of macrophage inflammatory protein 3α (MIP-3α) production in normal colon and inflammatory bowel disease, 818
- enterocytes, Lipopolysaccharide modulation of normal enterocyte turnover by toll-like receptors is mediated by endogenously produced tumour necrosis factor α, 842
- enteroendocrine cells, Visceral perception: sensory transduction in visceral afferents and nutrients, i11
- enteropathy, Defining the roles of perforin, Fas/FasL, and tumour necrosis factor α in T cell induced mucosal damage in the mouse intestine, 155
 - Heterogeneity of intraepithelial lymphocytes in refractory sprue: potential implications of CD30 expression, **372**
- T-bet and mucosal Th1 responses in the gastrointestinal tract,
- epidemiology, Acute appendicitis in Japanese soldiers in Burma: support for the "fibre" theory, 297
- epidermal growth factor receptor, Characterisation of oestrogen receptor, progesterone receptor, trefoil factor 1, and epidermal growth factor and its receptor in pancreatic cystic neoplasms and pancreatic ductal adenocarcinoma, 712
- epidermal growth factor, Characterisation of oestrogen receptor, progesterone receptor, trefoil factor 1, and epidermal growth factor and its receptor in pancreatic cystic neoplasms and pancreatic ductal adenocarcinoma, 712
- erythrocytes, Regulation of circulating immune complexes by complement receptor type 1 on erythrocytes in chronic viral liver diseases, **591**
- Escherichia coli, Safety and efficacy of low dose Escherichia coli enterotoxin adjuvant for urease based oral immunisation against Helicobacter pylori in healthy volunteers, 634
- Escherichia coli heat stable toxin Antidiarrhoeal properties of a novel sigma ligand (JO 2871) on toxigenic diarrhoea in mice: mechanisms of action, 522
- Escherichia coli O157 Trends in indigenous foodborne disease and deaths, England and Wales: 1992 to 2000, 832
- excitability, Gastric hyperalgesia and changes in voltage gated sodium channel function in the rat, i15
- exercise, Cardiac response to exercise in cirrhosis, 755
- extracellular calcium sensing receptor, Extracellular calcium sensing receptor in human pancreatic cells, 705 extracellular signal regulated kinases, Extracellular signal regu-
- lated kinases are key mediators of mitogenic signals in rat pancreatic stellate cells, **579**
- extrahepatic portal vein thrombosis, Aetiology of extrahepatic portal vein thrombosis, 755
- faecal incontinence, Injectable silicone biomaterial for faecal incontinence due to internal anal sphincter dysfunction, 225
 - Sacral nerve stimulation for faecal incontinence due to systemic sclerosis. 881
- faecal occult blood test, Do those with positive faecal occult blood tests need upper gastrointestinal investigations if no colorectal cancer cause is found?, 466
- familial adenomatous polyposis, Explaining variation in familial adenomatous polyposis: relationship between genotype and phenotype and evidence for modifier genes, 420
- Hepatocellular carcinoma: is current therapy really altering outcome?, 459
- Impact of Helicobacter pylori infection and mucosal atrophy on gastric lesions in patients with familial adenomatous polyposis,
- Infection and irritability, 305

Subject index 5 of 13

Intraductal papillary and mucinous pancreatic tumour: a new extracolonic tumour in familial adenomatous polyposis, **446** Serrated adenomas in FAP, **895** Serrated adenomas in FAP, **895**

- family studies. In siblings with similar genetic susceptibility for inflammatory bowel disease, smokers tend to develop Crohn's disease and non-smokers develop ulcerative colitis, 21
- Fas, Defining the roles of perforin, Fas/FasL, and tumour necrosis factor α in T cell induced mucosal damage in the mouse intestine, 155
- fat digestion, The role of fat and cholecystokinin in functional dyspepsia, i54
- fatigue, chronic hepatitis C, leptin, Fatigue is associated with high circulating leptin levels in chronic hepatitis C, 434 fat, Absorption and metabolism of octanoate by the rat colon in
- vivo: concentration dependency and influence of alternative
 - Fat composition may be a clue to explain the primary therapeutic effect of enteral nutrition in Crohn's disease: results of a double blind randomised multicentre European trial, 164

The role of fat and cholecystokinin in functional dyspepsia, **i54 fatty liver,** A long hard look at Dukes' B, **6**Effect of weight reduction on liver histology and biochemistry in patients with chronic hepatitis C, **89**

ferroportin, Molecular pathogenesis of iron overload, 290

fibre, Acute appendicitis in Japanese soldiers in Burma: support for the "fibre" theory, 297

fibrosis progression, Advancing donor liver age and rapid fibrosis progression following transplantation for hepatitis C, 248 fibrosis, A long hard look at Dukes' B, 6

Effect of weight reduction on liver histology and biochemistry in patients with chronic hepatitis C, 89

flat adenoma, Flat and depressed colorectal tumours in a southern Swedish population: a prospective chromoendoscopic and histopathological study, 550

folate, Effect of folate supplementation on mucosal cell proliferation in high risk patients for colon cancer, 195

food allergy, Food and hypersensitivity in functional dyspepsia, i50

food poisoning, Trends in indigenous foodborne disease and deaths, England and Wales: 1992 to 2000, **832**fulminant hepatitis, Association between severity of type A hepatitis and nucleotide variations in the 5' non-translated region of hepatitis A virus RNA: strains from fulminant hepatitis have fewer nucleotide substitutions, 82

functional dyspepsia, Double blind, randomised, placebo controlled study of four weeks of lansoprazole for the treatment of functional dyspepsia in Chinese patients, **502**

Food and hypersensitivity in functional dyspepsia, **i50** Functional dyspepsia: bye-bye to PPIs, **464** Hypersensitivity in functional gastrointestinal disorders, **i25**

Investigation of visceral sensation in humans, i58

Pathophysiology of functional dyspepsia, **163**Sensation and gas dynamics in functional gastrointestinal disorders, i72

functional gastrointestinal disorders,

Hypersensitivity in functional gastrointestinal disorders, i25 Role of visceral sensitivity in functional disorders, i76

Testing the sensitivity hypothesis in practice: tools and methods, assumptions and pitfalls, **i34**

functional heartburn, Functional heartburn: the stimulus, the pain, and the brain, 885

fundic gland differentiation, Sonic hedgehog expression correlates with fundic gland differentiation in the adult gastrointestinal tract, 628

fundic gland polyposis, Hepatocellular carcinoma: is current

therapy really altering outcome?, **459**Impact of *Helicobacter pylori* infection and mucosal atrophy on gastric lesions in patients with familial adenomatous polyposis, **485**

fundic gland, Sonic hedgehog expression correlates with fundic gland differentiation in the adult gastrointestinal tract, 628

fundoplication, Laparoscopic fundoplication is the treatment of choice for gastro-oesophageal reflux disease, 468

SPECT imaging of the stomach: comparison with barostat, and effects of sex, age, body mass index, and fundoplication, 781

fundoplication Laparoscopic fundoplication is the treatment of choice for gastro-oesophageal reflux disease, 472

gall stones, Causes of obvious jaundice in South West Wales, 613 gas dynamics, Sensation and gas dynamics in functional gastrointestinal disorders, i72

gastric accommodation, Non-invasive measurement of gastric

accommodation in humans, i59
Pathophysiology of functional dyspepsia, i63
Role of nitric oxide in gastric motor and sensory functions in healthy subjects, 212

Role of nitric oxide in the gastric accommodation reflex and in meal induced satiety in humans, 219

gastric acid secretion, GRP and stimulation of acid secretion, 297 GRP and stimulation of acid secretion, 297

gastric adenoma, Hepatocellular carcinoma: is current therapy really altering outcome?, 459

Impact of *Helicobacter pylori* infection and mucosal atrophy on gastric lesions in patients with familial adenomatous polyposis, **485**

gastric cancer, Gastric cancer and H pylori, 457

Risk of gastric carcinoma in patients with atrophic gastritis and intestinal metaplasia, 899

Timing and sampling in surveillance of premalignant gastric lesions, 896

gastric cardia, Bile reflux gastritis and intestinal metaplasia at the cardia, 351

gastric erosions, Influence of sex and Helicobacter pylori on development and healing of gastroduodenal lesions in non-steroidal anti-inflammatory drug users, 344

Relative contribution of mucosal injury and *Helicobacter pylori* in the development of gastroduodenal lesions in patients taking non-steroidal anti-inflammatory drugs, **336**

gastric juice, Human transforming growth factor α (TGF- α) is digested to a smaller (1-43), less biologically active, form in acidic gastric juice, 787

gastric lymphoma, Diagnosis, treatment decisions, and follow up

in primary gastric lymphoma, **621** Distinction between "high grade MALT" and diffuse large B cell lymphoma, 893

Endoscopic ultrasound in the follow up and response assessment of patients with primary gastric lymphoma, 691

gastric motility, Motilin agonists and dyspepsia: throwing out the baby with the bath water, 612

gastric sensitivity, Pharmacotherapy, i96

Serotonergic modulation gastrointestinal tract, i77 visceral of sensation: upper

gastric transfer, Impact of acid secretion, gastritis, and mucus thickness on gastric transfer of antibiotics in rats, 490

gastric ulcer, Influence of sex and Helicobacter pylori on development and healing of gastroduodenal lesions in non-steroidal

anti-inflammatory drug users, 344
Relative contribution of mucosal injury and Helicobacter pylori in the development of gastroduodenal lesions in patients taking non-steroidal anti-inflammatory drugs, 336

gastric variceal bleeding, The role of the transjugular intrahepatic portosystemic stent shunt (TIPSS) in the management of bleeding gastric varices: clinical and haemodynamic correlations, 270

gastrin releasing peptide, GRP and stimulation of acid secretion,

GRP and stimulation of acid secretion, 297

gastrin, GRP and stimulation of acid secretion, 297 GRP and stimulation of acid secretion, 297

gastritis, Impact of acid secretion, gastritis, and mucus thickness on gastric transfer of antibiotics in rats, 490

gastritis., Modulation of host antimicrobial peptide (β-defensins 1 and 2) expression during gastritis, 356

gastrointestinal bleeding, Upper gastrointestinal bleeding and surrogate end points: letter, 140

Upper gastrointestinal bleeding and surrogate end points: letter, 140

gastrointestinal diseases, Trends in indigenous foodborne disease and deaths, England and Wales: 1992 to 2000, 832

disease and dearns, England and Wales: 1992 to 2000, 832 gastrointestinal disorders, Acupuncture for gastrointestinal disorders: myth or magic, 617 gastrointestinal epithelial neoplasia, Gastrointestinal epithelial neoplasia: Vienna revisited: review, 130 gastrointestinal investigations, Do those with positive faecal occult blood tests need upper gastrointestinal investigations if no colorectal cancer cause is found?, 466

gastrointestinal motility, Role of thyrotrophin releasing hormone and corticotrophin releasing factor in stress related alterations of gastrointestinal motor function, i45

gastrointestinal sensations, The role of fat and cholecystokinin in functional dyspepsia, i54

gastrointestinal stromal tumour, Polyclonal nature of diffuse pro-liferation of interstitial cells of Cajal in patients with familial and multiple gastrointestinal stromal fumours, 793

gastro-oesophageal reflux disease, Familial aggregation of Barrett's oesophagus, oesophageal adenocarcinoma, and oesophagogastric junctional adenocarcinoma in Caucasian adults, 323

Functional heartburn: the stimulus, the pain, and the brain, 885 Laparoscopic fundoplication is the treatment of choice for gastrooesophageal reflux disease, 468

Laparoscopic fundoplication is the treatment of choice for gastrooesophageal reflux disease, 472

Mechanisms of gastro-oesophageal reflux in preterm and term infants with reflux disease, 475

gastro-oesophageal reflux, Effect of chronic and acute cigarette smoking on the pharyngoglottal closure reflex, 771

Inflammatory gradient in Barrett's oesophagus: implications for

disease complications, 316 Mechanisms of gastro-oesophageal reflux in preterm and term infants with reflux disease, 475

gene transfer, In vivo gene transfer of endothelial nitric oxide synthase decreases portal pressure in anaesthetised carbon tetrachloride cirrhotic rats, 440

- general practitioners, Reducing dyspepsia costs in the community, 613
- etic polymorphism, Susceptibility to primary sclerosing cholangitis in Brazil is associated with HLA-DRB113 but not with tumour necrosis factor α –308 promoter polymorphism, genetic polymorphism,
- genetics, Behaviour of Crohn's disease according to the Vienna classification, 614
 - Serrated adenomas in FAP, 895
 - Serrated adenomas in FAP, 895
- genotype, Relationship between Helicobacter pylori babA2 status with gastric epithelial cell turnover and premalignant gastric lesions, 480
- genotype-phenotype association, Explaining variation in familial adenomatous polyposis: relationship between genotype and phenotype and evidence for modifier genes, **420** Infection and irritability, 305
- gliadin, Anti-tissue transglutaminase antibodies from coeliac patients inhibit transglutaminase activity both in vitro and in situ, **177**
- gluten, Breast milk against coeliac disease, 767
- goblet cell, Distribution and partial characterisation of IgG Fc binding protein in various mucin producing cells and body fluids, 169
- Gore M, Levine MS, editors. Textbook of Gastrointestinal Radiology, 2nd edn, vols 1 and 2 book reviews, 298
- grading, Gastrointestinal epithelial neoplasia: Vienna revisited: review, 130
- Griffin SM, Raimes SA, editors. Upper Gastrointestinal Surgery book réviews, 615
- growth, Adult height in patients with early onset of Crohn's disease,
- Effect of breast milk and weaning on epithelial growth of the small intestine in humans, 748
- guidelines, Gastrointestinal epithelial neoplasia: Vienna revisited: review, 130
 - Guidance on gastrointestinal surveillance for hereditary non-polyposis colorectal cancer, familial adenomatous polypolis, juvenile polyposis, and Peutz-Jeghers syndrome, **v21** Guidelines for the diagnosis and treatment of cholangiocarci-
 - noma: consensus document, vi1
- Non-variceal upper gastrointestinal haemorrhage: guidelines, iv1
- gut associated lymphoid tissue, B cell attracting chemokine 1 (CXCL13) and its receptor CXCR5 are expressed in normal and aberrant gut associated lymphoid tissue, 364
- gut bacteria, Ineffectiveness of probiotics in preventing recurrence after curative resection for Crohn's disease: a randomised controlled trial with Lactobacillus GG, 405
- gut barrier function, A prospective randomised study of the probiotic Lactobacillus plantarum 299V on indices of gut barrier function in elective surgical patients, 827
- gut development, Homeobox genes in gut development, 450
- gut mucosa, Where do IgA plasma cells in the gut come from?, 150 gut transit, Slow transit constipation: more than one disease?, 610
- Haboubi N, Geboes K, Shepherd N, et al, editors. Gastrointestinal Polyps book reviews. 615
- haemochromatosis, Molecular pathogenesis of iron overload, 290 haemodialysis, Prevalence and risk factors of hepatitis C virus infection in haemodialysis patients: a multicentre study in 2796 patients, 429
- haemorrhage, Non-variceal upper gastrointestinal haemorrhage: guidelines, iv1
- haephestin, Molecular pathogenesis of iron overload, 290
- Helicobacter pylori, Double blind, randomised, placebo controlled study of four weeks of lansoprazole for the treatment of functional dyspepsia in Chinese patients, **502** Gastric cancer and *H pylori*: *letter*, **457**
- Hepatocellular carcinoma: is current therapy really altering outcome?, 459
- Impact of Helicobacter pylori infection and mucosal atrophy on gastric lesions in patients with familial adenomatous polyposis, **485**
- Influence of sex and *Helicobacter pylori* on development and healing of gastroduodenal lesions in non-steroidal healing of gastroduodenal lesions anti-inflammatory drug users, 344 Pathophysiology of functional dyspepsia, i63
- Primary prevention of diclofenac associated ulcers and dyspepsia by omeprazole or triple therapy in Helicobacter pylori positive patients: a randomised, double blind, placebo controlled, clinical trial, **329**Relationship between *Helicobacter pylori babA2* status with gas-
- tric epithelial cell turnover and premalignant gastric lesions, 480 Relative contribution of mucosal injury and Helicobacter pylori in
- the development of gastroduodenal lesions in patients taking non-steroidal anti-inflammatory drugs, 336

- Risk factors for ulcer development in patients with non-ulcer dyspepsia: a prospective two year follow up study of 209 patients, 15
- Serum leptin and body mass index in children with H pylori infection: letter, 142
- Safety and efficacy of low dose Escheria coli enterotoxin adjuvant for urease based oral immunisation agains Helicbacter pylori in
- healthy volunteers, **634**Toxigenic *Helicobacter pylori* induces changes in the gastric mucosal microcirculation in rats, **641**
- HELLP syndrome, Prospective study pregnancy in Southwest Wales, 876 of liver dysfunction in
- hepatic clearance, Comparison of the hepatic clearances of campesterol, sitosterol, and cholesterol in healthy subjects suggests that efflux transporters controlling intestinal sterol absorption also regulate biliary secretion, 860
- hepatitis A virus, Association between severity of type A hepatitis and nucleotide variations in the 5' non-translated region of hepatitis A virus RNA: strains from fulminant hepatitis have fewer nucleotide substitutions, 82
- hepatitis B virus, Acute hepatitis C virus (HCV) infection in chronic carriers of hepatitis B virus (HBV): the impact of underlying active HBV replication on persistence of HCV infection and antibody responses to HCV, 95
- Cocarcinogenic effects alcohol hepatocarcinogenesis: *review*, **132**Fatal hepatitis B reactivation following discontinuation of
- nucleoside analogues for chronic hepatitis B, 597
- hepatitis C virus infection, HCV infection should be managed in specialist centres, 625, 626
- hepatitis C virus, Acute hepatitis C virus (HCV) infection in chronic carriers of hepatitis B virus (HBV): the impact of underlying active HBV replication on persistence of HCV infection and antibody responses to HCV, 95
 - Advancing donor liver age and rapid fibrosis progression following transplantation for hepatitis C, 248
 - HCV infection should be managed in specialist centres, 625, 626 Hepatitis C and HIV-1 coinfection, 601
- Histological features and HLA class II alleles in hepatitis C virus chronically infected patients with persistently normal alanine aminotransferase levels, 585
- Retreatment with interferon plus ribavirin of chronic hepatitis C non-responders to interferon monotherapy: a meta-analysis of individual patient data, 864
- hepatitis epatitis C, Cocarcinogenic effects of alcohol in hepatocarcinogenesis: review, 132

 Prevalence and risk factors of hepatitis C virus infection in
 - haemodialysis patients: a multicentre study in 2796 patients,
- hepatitis, Causes of obvious jaundice in South West Wales, 613
- hepatocellular carcinoma, Augmentation effect of postprandial hyperinsulinaemia on growth of human hepatocellular cárcinoma, 100
 - Cocarcinogenic effects of alcohol in hepatocarcinogenesis: review, 132
 Hepatitis C and HIV-1 coinfection, 601

 - Hepatocellular carcinoma: is current therapy really altering outcome?, 459
 - Prospective comparative study of spiral computer tomography and magnetic resonance imaging for detection of hepatocellular carcinoma, 105
 - Surveillance for hepatocellular carcinoma in liver cirrhosis: have programmes improved because patients have?, 456, 611
- hepatocyte couplets, Hepatoprotection with tauroursodeoxycholate and β muricholate against taurolithocholate induced cholestasis: involvement of signal transduction pathways, 113
- hepatoportal sclerosis, Idiopathic non-cirrhotic intrahepatic portal hypertension in the West: a re-evaluation in 28 patients, 275
- hepcidin, Molecular pathogenesis of iron overload, 290
- hereditary haemochromatosis, Mild iron overload in patients carrying the *HFE* S65C gene mutation: a retrospective study in patients with suspected iron overload and healthy controls, **723** Underdiagnosis of hereditary haemochromatosis: lack of presenting the carrying presenting the carrying the ca
 - tation or penetration?, 108
- hereditary non-polyposis colorectal cancer, Transient mismatch repair gene transfection for functional analysis of genetic hMLH1 and hMSH2 variants, 677
- HFE gene, Mild iron overload in patients carrying the HFE S65C gene mutation: a retrospective study in patients with suspected iron overload and healthy controls, 723
 - Underdiagnosis of hereditary haemochromatosis: lack of presentation or penetration?, 108
- high grade dysplasia, Acupuncture for gastrointestinal disorders: myth or magic, 617
- Observer variation in the diagnosis of superficial oesophageal adenocarcinoma, 671
- Hirschsprung's disease, Abnormalities of the enteric nervous system in heterozygous endothelin B receptor deficient (spotting lethal) rats resembling intestinal neuronal dysplasia, 414

Subject index 7 of 13

histology, Endoscopic transpapillary biopsies and intraductal ultrasonography in the diagnostics of bile duct strictures: a prospective study, 240

- HLA-DRB113, Susceptibility to primary sclerosing cholangitis in Brazil is associated with HLA-DRB113 but not with tumour necrosis factor α –308 promoter polymorphism, **609**
- hMLH1, Transient mismatch repair gene transfection for functional analysis of genetic hMLH1 and hMSH2 variants, 677
- hMSH2, Transient mismatch repair gene transfection for functional analysis of genetic hMLH1 and hMSH2 variants, 677
- homeobox genes, Homeobox genes in gut development, 450
- host response, Histological features and HLA class II alleles in hepatitis C virus chronically infected patients with persistently normal alanine aminotransferase levels, 585
- human androgen receptor gene, Polyclonal nature of diffuse pro-liferation of interstitial cells of Cajal in patients with familial and multiple gastrointestinal stromal tumours, 793
- human immunodeficiency virus, Hepatitis C and HIV-1 coinfection, 601
- human pancreatic cell line, Extracellular calcium sensing receptor in human pancreatic cells, 705
- hyperalgesia, Gastric hyperalgesia and changes in voltage gated sodium channel function in the rat, i15
- hypercholesterolaemia, Hyperlipidaemic state and cardiovascular risk in primary biliary cirrhosis, 265
- postprandial hyperinsulinaemia, erinsulinaemia, Augmentation hyperinsulinaemia on growth effect of growth of human hepatocellular carcinoma, 100
- hypermethylation, Characterisation of colorectal cancers showing hypermethylation at multiple CpG islands, 797
- hyperplasia, Regression of fundic gland polyps following acquisition of Helicobacter pylori, 742
- hypervigilance, Role of visceral sensitivity in the pathophysiology of irritable bowel syndrome, i67
- hypnosis, Visceral sensation and emotion: a study using hypnosis,
- hypomotility, Pathophysiology of functional dyspepsia, i63
- hypoxaemia, Hepatopulmonary syndrome: prevalence and predictive value of various cut offs for arterial oxygenation and their clinical consequences, 853
- IgA, Related IgA1 and IgG producing cells in blood and diseased mucosa in ulcerative colitis, 44
 - Where do IgA plasma cells in the gut come from?, 150
- IgG Fc binding protein, Distribution and partial characterisation of IgG Fc binding protein in various mucin producing cells and body fluids, 169
- IgG, Related IgA1 and IgG producing cells in blood and diseased mucosa in ulcerative colitis, 44
- ileal resection Crohn's disease recurrence can be prevented after
- ileal resection, **152**ileoanal reservoir, Mucin gene expression in the ileoanal reservoir is altered and may be relevant to the risk of inflammation and dysplasia, 386
- immobilisation stress, Effect of stress on the paracellular barrier in the rat ileum, 507
- immune complex, Regulation of circulating immune complexes by complement receptor type 1 on erythrocytes in chronic virál liver diseases, 591
- immune responses, Acute hepatitis C virus (HCV) infection in chronic carriers of hepatitis B virus (HBV): the impact of underlying active HBV replication on persistence of HCV infection and antibody responses to HCV, 95
- immunisation, Safety and efficacy of low dose Escherichia coli enterotoxin adjuvant for urease based oral immunisation against *Helicobacter pylori* in healthy volunteers, **634**
- immunoassay, Establishment of standardised SLA/LP immunoassays: specificity for autoimmune hepatitis, worldwide occurrence, and clinical characteristics, 259
- immunoglobulin genes, Related IgA1 and IgG producing cells in blood and diseased mucosa in ulcerative colitis, 44
- immunoglobulin, Intravenous immunoglobulin for recurrent Clostridium difficile diarrhoea, 456
- immunohistochemistry, Cholinergic and nitrergic interneurones in the myenteric plexus of the human colon, 70
- Frequent loss of SMAD4/DPC4 protein in colorectal cancers, 56 Heterogeneity of intraepithelial lymphocytes in refractory sprue: potential implications of CD30 expression, 372
 Molecular characteristics of serrated adenomas of the
- colorectum, 200
- T-bet and mucosal Th1 responses in the gastrointestinal tract,
- immunology, A role for inflammation in irritable bowel syndrome?,
- immunoreactivity, Cytokeratin immunoreactivity of intestinal
- Cytokeratin immunoreactivity of intestinal metaplasia, 894
- immunosuppression, Immunosuppression, IBD, and risk of lymphoma, 296

impaired glucose metabolism, Augmentation effect postprandial hyperinsulinaemia on growth of human hepatocellular carcinoma, 100

- infants, Aberrant composition of gut microbiota of allergic infants: a target of bifidobacterial therapy at weaning?, 51
- infection, From hyperplasia to T cell lymphoma, 304
 - Prognosis in post-infective irritable bowel syndrome: a six year follow up study, 410
 - Regression of fundic gland polyps following acquisition of Helico-
- bacter pylori, **742** inflammation, Colonic epithelial cells are a major site of macrophage inflammatory protein 3α (MIP- 3α) production in normal colon and inflammatory bowel disease, 818
 - Inflammatory gradient in Barrett's oesophagus: implications for disease complications, 316
 - Visceral perception: inflammatory and non-inflammatory mediators, i19
- inflammatory bowel disease, Activation of signal transducer and activator of transcription (STAT) 1 in human chronic inflamma-tory bowel disease, 379
 - Anti-tumour necrosis factor therapy in Crohn's disease: where are we now?, 362
 - Appendix redux, 764

 - Autoimmune related pancreatitis, 1
 B cell attracting chemokine 1 (CXCL13) and its receptor CXCR5 are expressed in normal and aberrant gut associated lymphoid tissue, 364
- Guidelines for screening and surveillance of asymptomatic colo-
- rectal cancer in patients with inflammatory bowel disease, v10 ICAM-1 and VCAM-1 antisense oligonucleotides attenuate in vivo leucocyte adherence and inflammation in rat inflammatory bowel disease. 529
- Ileal Crohn's disease is best treated by surgery, 11
- lleal Crohn's disease is best treated by surgery, 13 Immunosuppression, IBD, and risk of lymphoma, 296
- Increased mucosal tumour necrosis factor α production in Crohn's disease can be downregulated ex vivo by probiotic bacteria, 659
- New steroids for IBD: progress report, **182**No seasonality in month of birth of inflammatory bowel disease cases: a prospective population based study of British under 20 year olds, 814
- Overexpression of α₁-acid glycoprotein in transgenic mice leads to sensitisation to acute colitis, **398**Patients with small duct primary sclerosing cholangitis have a favourable long term prognosis, **731**
- Regression of Peyer's patches in Gαl2 deficient mice prior to colitis is associated with reduced expression of Bcl-2 and increased apoptosis, 392
- Sulphasalazine and mesalazine: serious adverse reactions re-evaluated on the basis of suspected adverse reaction reports to the Committee on Safety of Medicines, 536
- T-bet and mucosal Th1 responses in the gastrointestinal tract, 301
- Thiopurine metabolites and the role of methyltransferase activity in inflammatory bowel disease: letter, 141
- Tumour necrosis factor α converting enzyme (TACE) activity in the colonic mucosa of patients with inflammatory bowel disease, 37
- Which 5-ASA?, 548
- insulin clearance, Mechanisms of hyperinsulinaemia in Child's disease grade B liver cirrhosis investigated in free living conditions, 870
- insulin secretion, Mechanisms of hyperinsulinaemia in Child's disease grade B liver cirrhosis investigated in free living conditions, 870
- insulin sensitivity, Mechanisms of hyperinsulinaemia in Child's disease grade B liver cirrhosis investigated in free living
- insulin, Obesity and colorectal cancer risk in women, 191
 TPMT in the treatment of Crohn's disease with azathioprine, 143
- intercellular adhesion molecule 1, Double blind, placebo controlled trial of the remission inducing and steroid sparing properties of an ICAM-1 antisense oligodeoxynucleotide, alicaforsen (ISIS 2302), in active steroid dependent Crohn's disease, **30**
- intercellular adhesion molecule, ICAM-1 and VCAM-1 antisense oligonucleotides attenuate in vivo leucocyte adherence and inflammation in rat inflammatory bowel disease, 529
- interferon, Retreatment with interferon plus ribavirin of chronic hepatitis C non-responders to interferon monotherapy: a metaanalysis of individual patient data, 864
- $\begin{array}{ll} \text{interleukin, Overexpression of α_1-acid glycoprotein in transgenic} \\ \text{mice leads to sensitisation to acute colitis, } \textbf{398} \\ \text{internal anal sphincter dysfunction, Injectable silicone} \\ \text{biomaterial for faecal incontinence due to internal anal sphinc-} \end{array}$ ter dysfunction, 225
- interneurone, Cholinergic and nitrergic interneurones in the myenteric plexus of the human colon, 70 interobserver agreement, Acupuncture for gastrointestinal disorders: myth or magic, 617

- Observer variation in the diagnosis of superficial oesophageal adenocarcinoma. 671
- interstitial cells of Cajal, Pan-colonic decrease in interstitial cells
 - of Cajal in patients with slow transit constipation, **496**Polyclonal nature of diffuse proliferation of interstitial cells of Cajal in patients with familial and multiple gastrointestinal stromal tumours. 793
- interstitial nephritis, Sulphasalazine and mesalazine: serious adverse reactions re-evaluated on the basis of suspected adverse reaction reports to the Committee on Safety of Medicines, 536
- intestinal afferent nerves, Prevertebral ganglia and intestinofugal afferent neurones, i6
- intestinal inflammation, Effect of Pentavac and measles-mumpsrubella (MMR) vaccination on the intestine, 816
- intestinal metaplasia, Bile reflux gastritis and intestinal metaplasia at the cardia, 351
 - Cytokeratin immunoreactivity of intestinal metaplasia, 894
 - Cytokeratin immunoreactivity of intestinal metaplasia, 894
 - Risk of gastric carcinoma in patients with atrophic gastritis and intestinal metaplasia, 899
 - Timing and sampling in surveillance of premalignant gastric lesions, 896
- **intestinal microflora,** Aberrant composition of gut microbiota of allergic infants: a target of bifidobacterial therapy at weaning?,
- intestinal neuronal dysplasia, Abnormalities of the enteric nervous system in heterozygous endothelin B receptor deficient (spotting lethal) rats resembling intestinal neuronal dysplasia, 414
- intestinal permeability, Effect of stress on the paracellular barrier in the rat ileum, 507
- intestine, Colonic epithelial cells are a major site of macrophage inflammatory protein 3α (MIP-3α) production in normal colon and inflammatory bowel disease, 818
- Pan-colonic decrease in interstitial cells of Cajal in patients with slow transit constipation, **496**
- intraductal papillary and mucinous tumour, Intraductal papillary and mucinous pancreatic tumour: a new extracolonic tumour in familial adenomatous polyposis, 446
- intraductal papillary mucinous tumours, Prognosis of malignant intraductal papillary mucinous tumours of the pancreas after surgical resection. Comparison with pancreatic ductal adenocarcinoma, 717
- intraductal ultrasonography, Endoscopic transpapillary biopsies and intraductal ultrasonography in the diagnostics of bile duct strictures: a prospective study, **240**intraepithelial lymphocytes, Heterogeneity of intraepithelial
- lymphocytes in refractory sprue: potential implications of CD30 expression, 372
- T-bet and mucosal Th1 responses in the gastrointestinal tract,
- iron deficiency anaemia, Invasive or non-invasive methods for the diagnosis of subclinical coeliac disease?, 455
- iron indices, Underdiagnosis of hereditary haemochromatosis: lack of presentation or penetration?, 108
- iron metabolism, Duodenal mRNA expression of iron related genes in response to iron loading and iron deficiency in four strains of mice, 648
- iron overload, Mild iron overload in patients carrying the HFE S65C gene mutation: a retrospective study in patients with suspected iron overload and healthy controls, **723**
- iron regulating elements, Molecular pathogenesis of iron overload, 290
- iron, Molecular pathogenesis of iron overload, 290
- irritable bowel syndrome, A role for inflammation in irritable bowel syndrome?, i41

 - Centrally acting agents and visceral sensitivity, i91 Food and hypersensitivity in functional dyspepsia, i50
- From hyperplasia to T cell lymphoma, 304
- Hypersensitivity in functional gastrointestinal disorders, **i25** Investigation of visceral sensation in humans, **i58**
- Pharmacotherapy: non-serotonergic mechanisms, **i87** Pharmacotherapy, **i96**
- Prognosis in post-infective irritable bowel syndrome: a six year follow up study, 410
- Role of the brain and sensory pathways in gastrointestinal sensory disorders in humans, i29
- Role of visceral sensitivity in functional disorders, **i76**Role of visceral sensitivity in the pathophysiology of irritable bowel syndrome, i67
- Sensation and gas dynamics in functional gastrointestinal disorders, i72
- Serotonergic modulation of visceral sensation: lower gut, i81
- ISIS 2302, Double blind, placebo controlled trial of the remission inducing and steroid sparing properties of an ICAM-1 antisense oligodeoxynucleotide, alicaforsen (ISIS 2302), in active steroid dependent Crohn's disease, 30
- jaundice, Causes of obvious jaundice in South West Wales, 613

Jewell DP, Warren BF, Mortensen NJ, editors. Challenges in Inflammatory Bowel Disease book reviews, 616

- lactobacillus GG, Ineffectiveness of probiotics in preventing recurrence after curative resection for Crohn's disease: a randomised controlled trial with Lactobacillus GG, 405

 Lactobacillus plantarum 299V A prospective randomised study of
 - the probiotic Lactobacillus plantarum 299V on indices of gut barrier function in elective surgical patients, 827
- lamivudine, Fatal hepatitis B reactivation following discontinuation of nucleoside analogues for chronic hepatitis B, **597**lansoprazole, Upper gastrointestinal bleeding and surrogate end points: *letter*, **140**
 - Upper gastrointestinal bleeding and surrogate end points: *letter*, **140**
- laparoscopy, Laparoscopic fundoplication is the treatment of choice for gastro-oesophageal reflux disease, 468
 Laparoscopic fundoplication is the treatment of choice for gastro-oesophageal reflux disease, 472
 laser capture microdissection, PCR detection of Mycobacterium
- paratuberculosis in Crohn's disease granulomas isolated by laser capture microdissection, 665
- leptin, Serum leptin and body mass index in children with H pylori infection: letter, 142
- leucocytes, Toxigenic Helicobacter pylori induces changes in the gastric mucosal microcirculation in rats, 641
- Lifschitz CH, editor. Pediatric Gastroenterology and Nutrition in Clinical Practice book reviews, 615
- **lipopolysaccharide,** Lipopolysaccharide modulation of normal enterocyte turnover by toll-like receptors is mediated by endogenously produced tumour necrosis factor α , **842**
- lithium clearance, Renal tubular events following passage from the supine to the standing position in patients with compensated liver cirrhosis: loss of tubuloglomerular feedback, 736
- liver biopsy, To perform or not to perform liver biopsy-that is the question, 9
- liver cancer, Augmentation effect of postprandial hyperinsulin-aemia on growth of human hepatocellular carcinoma, 100
- liver cell adenoma, INK4a-ARF alterations in liver cell adenoma,
- liver cirrhosis, Hepatopulmonary syndrome: prevalence and predictive value of various cut offs for arterial oxygenation and their clinical consequences, 853
 - Regulation of circulating immune complexes by complement receptor type 1 on erythrocytes in chronic viral liver diseases,
- Surveillance for hepatocellular carcinoma in liver cirrhosis: have programmes improved because patients have?, 456, 611
- liver disease, Guidelines for the diagnosis and treatment of
 - cholangiocarcinoma: consensus document, vi1
 Hepatocellular carcinoma: is current therapy really altering outcome?, 459
- liver dysfunction, Prospective study of liver dysfunction in pregnancy in Southwest Wales, 876
- r failure, Idiopathic non-cirrhotic intrahepatic port-hypertension in the West: a re-evaluation in 28 patients, **275**
- **liver function**, To perform or not to perform liver biopsy—that is the question. 9
- liver transplantation, Advancing donor liver age and rapid fibrosis progression following transplantation for hepatitis C, 248
 - Natural history of primary sclerosing cholangitis and prognostic value of cholangiography in a Dutch population, 562
- value of cholangiography in a Dutch population, 302
 Patients with small duct primary sclerosing cholangitis have a favourable long term prognosis, 731
 liver, Overexpression of α₁-acid glycoprotein in transgenic mice leads to sensitisation to acute colitis, 398
 loss of heterozygosity, Molecular characteristics of serrated adenomas of the colorectum, 200
 liveiferage mouse. The NEVR liveiferage mouse: a new tool for real
- Iuciferase mouse, The NFκB luciferase mouse: a new tool for real time measurement of NFκB activation in the whole animal, 769 lymphocytes, Increased mucosal tumour necrosis factor α production in Crohn's disease can be downregulated ex vivo by probiotic bacteria, 659
- lymphoma, A case of primary low grade mucosa associated lymphoid tissue (MALT) lymphoma of the oesophagus, 281 lmmunosuppression, IBD, and risk of lymphoma, 296 Obesity, gender, and colon cancer, 147
- magnetic resonance imaging, Non-invasive measurement of gas-
- tric accommodation in humans, **i59**Prospective comparative study of spiral computer tomography and magnetic resonance imaging for detection of hepatocellular carcinoma, 105
- major histocompatibility complex class II antigens, Histological features and HLA class II alleles in hepatitis C virus chronically infected patients with persistently normal alanine aminotransferase levels, 585 malignant biliary obstruction, Endoscopic transpapillary biopsies
- and intraductal ultrasonography in the diagnostics of bile duct strictures: a prospective study, **240**tt cells, Visceral perception: inflammatory and non-
- inflammatory mediators, i19

Subject index 9 of 13

- mathematical model, Mechanisms of hyperinsulinaemia in Child's disease grade B liver cirrhosis investigated in free living conditions, 870
- matrilysin, Upregulation of matrix metalloproteinases in a model of T cell mediated tissue injury in the gut: analysis by gene array and in situ hybridisation, 540
- matrix metalloproteinase inhibitors, Autoimmune related pancreatitis, 1
 - Tumour necrosis factor α converting enzyme (TACE) activity in the colonic mucosa of patients with inflammatory bowel disease. 37
- matrix metalloproteinase, Autoimmune related pancreatitis, 1 Tumour necrosis factor α converting enzyme (TACE) activity in the colonic mucosa of patients with inflammatory bowel

disease, 37

- Max, Gastroprotective peptide trefoil factor family 2 gene is activated by upstream stimulating factor but not by c-Myc in gastrointestinal cancer cells, 685
- Mcl-1, Pk11195, a mitochondrial benzodiazepine receptor antagonist, reduces apoptosis threshold in Bcl-X_L and Mcl-1 expressing human cholangiocarcinoma cells, 556
- mechanosensitivity, Neuroanatomy of visceral nociception: vagal and splanchnic afferent, i2
 - Prevertebral ganglia and intestinofugal afferent neurones, i6
- medium chain fatty acids, Absorption and metabolism of octanoate by the rat colon in vivo: concentration dependency and influence of alternative fuels, 76
 medium chain triacylglycerol, Absorption and metabolism of octanoate by the rat colon in vivo: concentration dependency
- and influence of alternative fuels, 76
- menopause, Obesity and colorectal cancer risk in women, 191 TPMT in the treatment of Crohn's disease with azathioprine, 143 mental health, From hyperplasia to T cell lymphoma, 304
- Prognosis in post-infective irritable bowel syndrome: a six year follow up study, 410
- mercaptopurine, TPMT in the treatment of Crohn's disease with azathioprine, 143
- mesalazine, Sulphasalazine and mesalazine: serious adverse reactions re-evaluated on the basis of suspected adverse reaction reports to the Committee on Safety of Medicines, 536
- meta-analysis, Retreatment with interferon plus ribavirin of chronic hepatitis C non-responders to interferon monotherapy: a meta-analysis of individual patient data, 864
- metalloelastase, Upregulation of matrix metalloproteinases in a model of T cell mediated tissue injury in the gut: analysis by gene array and in situ hybridisation, 540
- hylation, Cocarcinogenic eff hepatocarcinogenesis: review, 132 methylation, effects alcohol
 - INK4a-ARF alterations in liver cell adenoma, 253
- microcirculation, Toxigenic Helicobacter pylori induces changes in the gastric mucosal microcirculation in rats, 641
- microflora, Increased mucosal tumour necrosis factor α production in Crohn's disease can be downregulated ex vivo by probiotic bacteria, 659
- microsatellite instability, Molecular characteristics of serrated adenomas of the colorectum, 200
- microvillus inclusion bodies, Autophagocytosis of the apical membrane in microvillus inclusion disease, 514
- mismatch repair genes, Transient mismatch repair gene transfec-tion for functional analysis of genetic hMLH1 and hMSH2 variants, 677
- mitochondria, Pk11195, a mitochondrial benzodiazepine receptor antagonist, reduces apoptosis threshold in Bcl-X_L and Mcl-1 expressing human cholangiocarcinoma cells, **556**
- MMR vaccination, Effect of Pentavac and measles-mumps-rubella (MMR) vaccination on the intestine, 816
- modifier genes, Explaining variation in familial adenomatous polyposis: relationship between genotype and phenotype and evidence for modifier genes, 420 Infection and irritability, 305
- monoclonality, A case of primary low grade mucosa associated lymphoid tissue (MALT) lymphoma of the oesophagus, 281 Obesity, gender, and colon cancer, 147
- mortality, Aetiology of extrahepatic portal vein thrombosis, 755 Aetiology of extrahepatic portal vein thrombosis, 755
- mosaicism, Polyclonal nature of diffuse proliferation of interstitial cells of Cajal in patients with familial and multiple gastrointestinal stromal tumours, 793
- motilin, Motilin agonists and dyspepsia: throwing out the baby with the bath water, 612
- motility, Pan-colonic decrease in interstitial cells of Cajal in patients with slow transit constipation, 496
 - Pharmacotherapy, i96
- Serotonergic modulation of visceral sensation: lower gut, i81
- motor abnormalities, A role for inflammation in irritable bowel
- mouse intestine, Defining the roles of perforin, Fas/FasL, and tumour necrosis factor α in T cell induced mucosal damage in the mouse intestine, 155

- mRNA, Duodenal mRNA expression of iron related genes in response to iron loading and iron deficiency in four strains of mice. 648
- mucin gene, Mucin gene expression in the ileoanal reservoir is altered and may be relevant to the risk of inflammation and dysplasia, 386
- mucin, Distribution and partial characterisation of IgG Fc binding protein in various mucin producing cells and body fluids, 169
- mucosa associated lymphoid tissue, A case of primary low grade mucosa associated lymphoid tissue (MALT) lymphoma of the oesophagus, 281
 - Diagnosis, treatment decisions, and follow up in primary gastric lymphoma, 621
 - Distinction between "high grade MALT" and diffuse large B cell lymphoma, 893
 - Distinction between "high grade MALT" and diffuse large B cell lymphoma, 893
 - Endoscopic ultrasound in the follow up and response assessment
- of patients with primary gastric lymphoma, **691**Obesity, gender, and colon cancer, **147 mucosa**, Regression of Peyer's patches in $G\alpha i2$ deficient mice prior to colitis is associated with reduced expression of Bcl-2 and increased apoptosis, 392
- mucosal cell proliferation, Effect of folate supplementation on mucosal cell proliferation in high risk patients for colon cancer,
- mucosal damage, Defining the roles of perforin, Fas/FasL, and tumour necrosis factor α in T cell induced mucosal damage in the mouse intestine, 155
- mucosal immunity, Distribution and partial characterisation of IgG Fc binding protein in various mucin producing cells and body fluids, 169
- mucosal inflammation, A role for inflammation in irritable bowel syndrome?, i41
- mucus thickness, Impact of acid secretion, gastritis, and mucus thickness on gastric transfer of antibiotics in rats, 490
- mucus, Distribution and partial characterisation of IgG Fc binding protein in various mucin producing cells and body fluids, 169
- multidetector arrays, Performance of multidetector computed tomcolonography compared ography colonoscopy, 207
- muricholate, Hepatoprotection with tauroursodeoxycholate and β muricholate against taurolithocholate induced cholestasis:
- involvement of signal transduction pathways, 113
 myenteric plexus, Cholinergic and nitrergic interneurones in the
 myenteric plexus of the human colon, 70
- myocardial function, Cardiac response to exercise in cirrhosis,
- nerves, Role of nerves in enteric infection, 759
- neuromediators, Role of visceral sensitivity in the pathophysiology of irritable bowel syndrome. i67
- neuromodulation, Role of thyrotrophin releasing hormone and corticotrophin releasing factor in stress related alterations of gastrointestinal motor function, i45
- nitric oxide synthase, In vivo gene transfer of endothelial nitric oxide synthase decreases portal pressure in anaesthetised carbon tetrachloride cirrhotic rats, 440
- Role of nitric oxide in gastric motor and sensory functions in healthy subjects, 212
- nitric oxide, In vivo gene transfer of endothelial nitric oxide synthase decreases portal pressure in anaesthetised carbon tetrachloride cirrhotic rats, **440**Role of nitric oxide in gastric motor and sensory functions in healthy subjects, **212**
- Role of nitric oxide in the gastric accommodation reflex and in meal induced satiety in humans, 219
- non-alcoholic steatohepatitis, Non-alcoholic steatohepatitis (NASH): why biopsy?, **898**Non-alcoholic steatohepatitis (NASH): why biopsy?, **898**
- non-erosive reflux disease, Functional heartburn: the stimulus, the pain, and the brain, 885
- non-steroidal anti-inflammatory drugs, Influence of sex and Helicobacter pylori on development and healing of gastroduo-denal lesions in non-steroidal anti-inflammatory drug users,
- Primary prevention of diclofenac associated ulcers and dyspepsia by omeprazole or triple therapy in *Helicobacter pylori* positive patients: a randomised, double blind, placebo controlled, clinical trial, **329**
- Relative contribution of mucosal injury and *Helicobacter pylori* in the development of gastroduodenal lesions in patients taking non-steroidal anti-inflammatory drugs, **336**
- non-variceal haemorrhage, Non-variceal upper gastrointestinal haemorrhage: guidelines, iv1
 nuclear factor κB, The NFκB luciferase mouse: a new tool for real
- time measurement of NFkB activation in the whole animal, 769
- nucleoside analogues, Fatal hepatitis B reactivation following discontinuation of nucleoside analogues for chronic hepatitis B,

nutrients, The role of fat and cholecystokinin in functional dyspepsia, i54

oats, Oats and coeliac disease, 757

obstetric cholestasis, Prospective study of liver dysfunction in pregnancy in Southwest Wales, 876

occludin, Effect of stress on the paracellular barrier in the rat ileum,

- oesophageal adenocarcinoma, Familial aggregation of Barrett's oesophagus, oesophageal adenocarcinoma, and oesophagogastric junctional adenocarcinoma in Caucasian adults, 323
- oesophageal motility, Mechanisms of gastro-oesophageal reflux in

preterm and term infants with reflux disease, 475

oesophageal sensitivity, Pharmacotherapy, i96

Serotonergic modulation of visceral sensar gastrointestinal tract, i77 sensation: upper

oesophageal varices, Mortality with oesophageal varices: different things to different people, 894

oesophagogastric cancer, Current guidelines fail young patients with oesophagogastric cancer, 296
oesophagogastric junctional adenocarcinoma, Familial aggre-

gation of Barrett's oesophagus, oesophageal adenocarcinoma, and oesophagogastric junctional adenocarcinoma in Caucasian adults, 323

oesophagus, A case of primary low grade mucosa associated lymphoid tissue (MALT) lymphoma of the oesophagus, 281

Acupuncture for gastrointestinal disorders: myth or magic, 617 Obesity, gender, and colon cancer, 147

Observer variation in the diagnosis of superficial oesophageal

adenocarcinoma, 671

oestrogen receptor, Characterisation of oestrogen receptor, progesterone receptor, trefoil factor 1, and epidermal growth factor and its receptor in pancreatic cystic neoplasms and pancreatic ductal adenocarcinoma, 712

Okuda K, Mitchell DG, Itai Y, et al, editors. Hepatobiliary Diseases: Pathophysiology and Imaging book reviews, 299

omeprazole, Primary prevention of diclofenac associated ulcers and dyspepsia by omeprazole or triple therapy in *Helicobacter pylori* positive patients: a randomised, double blind, placebo controlled, clinical trial, 329

opiates, Centrally acting agents and visceral sensitivity, i91 opioids, Pharmacotherapy: non-serotonergic mechanisms, i87 Pharmacotherapy, i96

osteoporosis, High prevalence of osteoporotic vertebral fractures in patients with Crohn's disease, 654

oxygen consumption, Cardiac response to exercise in cirrhosis,

Cardiac response to exercise in cirrhosis, 755

oxyntic cells, Regression of fundic gland polyps following acquisition of *Helicobacter pylori*, 742

p14ARF INK4a-ARF alterations in liver cell adenoma, 253

p16^{INK4a} INK4a-ARF alterations in liver cell adenoma, 253 pain mediators, Visceral perception: inflammator non-inflammatory mediators, i19 inflammatory and

pancreas, Extracellular calcium sensing receptor in human pancreatic cells, 705

Prognosis of malignant intraductal papillary mucinous tumours of the pancreas after surgical resection. Comparison with pancreatic ductal adenocarcinoma, 717

pancreatic adenocarcinoma, Risk of pancreatic adenocarcinoma in chronic pancreatitis, 849

Risk of pancreatic ductal adenocarcinoma in chronic pancreatitis,

pancreatic cancer, Alcohol abuse and the risk of pancreatic cancer, 236

pancreatic cystic neoplasm, Characterisation of oestrogen receptor, progesterone receptor, trefoil factor 1, and epidermal growth factor and its receptor in pancreatic cystic neoplasms and pancreatic ductal adenocarcinoma, 712

pancreatic ductal adenocarcinoma, Extracellular calcium sensing receptor in human pancreatic cells, 705

pancreatic duct, Extracellular calcium sensing receptor in human pancreatic cells, 705

pancreatic regeneration, Pancreatic stellate cells contribute to regeneration early after acute necrotising pancreatitis in humans. 574

pancreatic stellate cells, Extracellular signal regulated kinases are key mediators of mitogenic signals in rat pancreatic stellate

pancreatitis, Autoimmune related pancreatitis: review, 1

Sulphasalazine and mesalazine: serious adverse reactions re-evaluated on the basis of suspected adverse reaction

reports to the Committee on Safety of Medicines, **536 paratuberculosis**, PCR detection of *Mycobacterium paratuberculosis* in Crohn's disease granulomas isolated by laser capture microdissection, 665

Role of pathophysiology, visceral sensitivity pathophysiology of irritable bowel syndrome, i67

pelvic floor dyssynergia, Is anorectal endosonography valuable in dyschesia?, 695

penetrance, Underdiagnosis of hereditary haemochromatosis: lack

of presentation or penetration?, 108

Pentavac vaccination, Effect of Pentavac and measles-mumpsrubella (MMR) vaccination on the intestine, 816

peptic ulcer, Primary prevention of diclofenac associated ulcers
and dyspepsia by omeprazole or triple therapy in Helicobacter pylori positive patients: a randomised, double blind, placebo controlled, clinical trial, 329

Risk factors for ulcer development in patients with non-ulcer dyspepsia: a prospective two year follow up study of 209 patients, 15

perforin, Defining the roles of perforin, Fas/FasL, and tumour necrosis factor α in T cell induced mucosal damage in the mouse intestine, 155

peripheral benzodiazepine receptor, Pk11195, a mitochondrial benzodiazepine receptor antagonist, reduces apoptosis threshold in Bcl-X_L and Mcl-1 expressing human cholangiocarcinoma

perisinusoidal fibrosis, Idiopathic non-cirrhotic intrahepatic portal hypertension in the West: a re-evaluation in 28 patients, 275
 Peyer's patch, Regression of Peyer's patches in Gαi2 deficient

mice prior to colitis is associated with reduced expression of Bcl-2 and increased apoptosis, 392

pharyngoglottal closure reflex, Effect of chronic and acute ciga-

rette smoking on the pharyngoglottal closure reflex, 771

plant sterols, Comparison of the hepatic clearances of campesterol, sitosterol, and cholesterol in healthy subjects suggests that efflux transporters controlling intestinal sterol absorption also regulate biliary secretion, 860

absorption also regulate billiary secretion, **360**plasma cells, Related IgA1 and IgG producing cells in blood and diseased mucosa in ulcerative colitis, **44**Where do IgA plasma cells in the gut come from?, **150**platelets, Toxigenic *Helicobacter pylori* induces changes in the gastric mucosal microcirculation in rats, **641**polymerase chain reaction, PCR detection of *Mycobacterium paratuberculosis* in Crohn's disease granulomas isolated by leser conture microdiscotion **665** laser capture microdissection, 665

polyps, Explaining variation in familial adenomatous polyposis: relationship between genotype and phenotype and evidence for modifier genes, 420
Infection and irritability, 305
portal hypertension, Hepatopulmonary syndrome: prevalence and predictive value of various cut offs for arterial oxygenation and

their clinical consequences, 853

Idiopathic non-cirrhotic intrahepatic portal hypertension in the West: a re-evaluation in 28 patients, 275

In vivo gene transfer of endothelial nitric oxide synthase decreases portal pressure in anaesthetised carbon tetrachloride cirrhotic rats, 440

The role of the transjugular intrahepatic portosystemic stent shunt (TIPSS) in the management of bleeding gastric varices: clinical and haemodynamic correlations, 270

portal pressure gradient, The role of the transjugular intrahepatic portosystemic stent shunt (TIPSS) in the management of bleeding gastric varices: clinical and haemodynamic correlations, 270

portal vein obstruction, Aetiology of extrahepatic portal vein thrombosis, 755

Aetiology of extrahepatic portal vein thrombosis, 755

portal vein thrombosis, Idiopathic non-cirrhotic intrahepatic portal hypertension in the West: a re-evaluation in 28 patients, 275 portal venules, Idiopathic non-cirrhotic intrahepatic portal hypertension in the West: a re-evaluation in 28 patients, 275

postprandial, Motilin agonists and dyspepsia: throwing out the baby with the bath water, 612

pre-eclampsia, Prospective study of liver dysfunction in pregnancy in Southwest Wales, 876

pregnancy, Prospective study of liver dysfunction in pregnancy in Southwest Wales, 876

premalignant gastric lesions, Risk of gastric carcinoma in patients with atrophic gastritis and intestinal metaplasia, 899
 Timing and sampling in surveillance of premalignant gastric

lesions, 896

preterm neonate, Mechanisms of gastro-oesophageal reflux in preterm and term infants with reflux disease, 475

prevalence, Prevalence and risk factors of hepatitis C virus infection in haemodialysis patients: a multicentre study in 2796 natients, 429

prevertebral ganglia, Prevertebral ganglia and intestinofugal afferent neurones, i6

primary biliary cirrhosis, High frequency of autoantibodies in patients with primary sclerosing cholangitis that bind biliary epithelial cells and induce expression of CD44 and production of interleukin 6, 120

Hyperlipidaemic state and cardiovascular risk in primary biliary cirrhosis, **265**

Rifampicin and treatment of cholestatic pruritus, 756

primary oesophageal lymphoma, A case of primary low grade mucosa associated lymphoid tissue (MALT) lymphoma of the oesophagus, 281

Obesity, gender, and colon cancer, 147

Subject index 11 of 13

primary sclerosing cholangitis, Cigarette smoking, appendec-

tomy, and tonsillectomy as risk factors for the development of primary sclerosing cholangitis: a case control study, **567**High frequency of autoantibodies in patients with primary sclerosing cholangitis that bind biliary epithelial cells and induce expression of CD44 and production of interleukin 6, **120**

Natural history of primary sclerosing cholangitis and prognostic

value of cholangiography in a Dutch population, **562**Patients with small duct primary sclerosing cholangitis have a favourable long term prognosis, **731**Susceptibility to primary sclerosing cholangitis in Brazil is associated with HLA-DRB113 but not with tumour necrosis factor α 308 promoter polymorphism, 609

probiotics, A prospective randomised study of the probiotic *Lacto-bacillus plantarum* 299V on indices of gut barrier function in elective surgical patients, 827

Aberrant composition of gut microbiota of allergic infants: a target

of bifidobacterial therapy at weaning?, **51**Ineffectiveness of probiotics in preventing recurrence after curative resection for Crohn's disease: a randomised controlled trial with Lactobacillus GG, 405

progesterone receptor, Characterisation of oestrogen receptor, progesterone receptor, trefoil factor 1, and epidermal growth factor and its receptor in pancreatic cystic neoplasms and pancreatic ductal adenocarcinoma, 712

prognosis, A place for TACE, 5

From hyperplasia to T cell lymphoma, 304

Identification of objective pathological prognostic determinants and models of prognosis in Dukes' B colon cancer, 65

Prognosis in post-infective irritable bowel syndrome: a six year follow up study, 410

prognostic parameters, A place for TACE, 5

Identification of objective pathological prognostic determinants and models of prognosis in Dukes' B colon cancer, 65

prokinetic, Motilin agonists and dyspepsia: throwing out the baby with the bath water, 612

proliferating ductules, Pancreatic stellate cells contribute to regeneration early after acute necrotising pancreatitis in humans, 574

proliferation, Lipopolysaccharide modulation of normal enterocyte turnover by toll-like receptors is mediated by endogenously produced tumour necrosis factor α, 842

Relationship between Helicobacter pylori babA2 status with gastric epithelial cell turnover and premalignant gastric lesions, 480

prothrombotic disorder, Idiopathic non-cirrhotic intrahepatic portal hypertension in the West: a re-evaluation in 28 patients, 275

proton pump inhibitor, Double blind, randomised, placebo controlled study of four weeks of lansoprazole for the treatment of functional dyspepsia in Chinese patients, **502** Functional dyspepsia: bye-bye to PPIs, **464**

proton pump inhibitors, Argon plasma coagulation therapy for ablation of Barrett's oesophagus, 763

Efficacy and one year follow up of argon plasma coagulation therapy for ablation of Barrett's oesophagus: factors determining persistence and recurrence of Barrett's epithelium, 776 Functional heartburn: the stimulus, the pain, and the brain, 885

pulmonary vasodilation, Hepatopulmonary syndrome: prevalence and predictive value of various cut offs for arterial oxygenation and their clinical consequences, 853

randomised controlled trial, Retreatment with interferon plus riba-virin of chronic hepatitis C non-responders to interferon mono-therapy: a meta-analysis of individual patient data, 864

rats, Impact of acid secretion, gastritis, and mucus thickness on gastric transfer of antibiotics in rats, 490

reactivation, Fatal hepatitis B reactivation following discontinuation of nucleoside analogues for chronic hepatitis B, 597

receptor subtypes, Pharmacotherapy, i96

visceral Serotonergic modulation sensation: gastrointestinal tract, i77 receptors, Testing the sensitivity hypothesis in practice: tools and

methods, assumptions and pitfalls, i34 recombinant antigen, Establishment of standardised SLA/LP immunoassays: specificity for autoimmune hepatitis, worldwide

occurrence, and clinical characteristics, 259 rectal mucosa, Rectal proliferation and alcohol abuse, 611

recurrent acute cholangitis, A randomised controlled trial of endoscopic sphincterotomy in acute cholangitis without common bile duct stones. 245

Evaluating ERCP is important but difficult, 287

reflexive pharyngeal swallow, Effect of chronic and acute cigarette smoking on the pharyngoglottal closure reflex, 771

refractory sprue, Heterogeneity of intraepithelial lymphocytes in refractory sprue: potential implications of CD30 expression, 372

T-bet and mucosal Th1 responses in the gastrointestinal tract,

retroviral therapy, Hepatitis C and HIV-1 coinfection, 601

rheumatoid arthritis, Sulphasalazine and mesalazine: serious adverse reactions re-evaluated on the basis of suspected adverse reaction reports to the Committee on Safety of Medicines, 536

ribavirin, Retreatment with interferon plus ribavirin of chronic hepatitis C non-responders to interferon monotherapy: meta-analysis of individual patient data, **864**

rifampicin, Rifampicin and treatment of cholestatic pruritus, 756

risk factors, Prevalence and risk factors of hepatitis C virus infection in haemodialysis patients: a multicentre study in 2796 patients, 429

Risk factors for ulcer development in patients with non-ulcer dyspepsia: a prospective two year follow up study of 209 patients,

risk, Alcohol abuse and the risk of pancreatic cancer, 236

sacral nerve stimulation, Sacral nerve stimulation for faecal

sacral nerve stimulation, Sacral nerve stimulation for faecal incontinence due to systemic sclerosis, 881

Salmonella enteriditis lipopolysaccharides Antidiarrhoeal properties of a novel sigma ligand (JO 2871) on toxigenic diarrhoea in mice: mechanisms of action, 522

salmonella food poisoning, Trends in indigenous foodborne disease and deaths, England and Wales: 1992 to 2000, 832

satiety, Role of nitric oxide in the gastric accommodation reflex and

in meal induced satiety in humans, 219

rpignato C, editor. Somatostatin Analogs in Cancer Scarpignato C, editor. Somato Management book reviews, 899

screening, Guidance on gastrointestinal surveillance for hereditary non-polyposis colorectal cancer, familial adenomatous polypolis, juvenile polyposis, and Peutz-Jeghers syndrome, **v21** Guidance on large bowel surveillance for people with two first

degree relatives with colorectal cancer or one first degree relative diagnosed colorectal cancer under 45 years, v17

Guidelines for colorectal cancer screening in high risk groups, v1 Guidelines for follow up after resection of colorectal cancer, v3 Guidelines for monitoring of patients with ureterosigmoidostomy,

Guidelines for screening and surveillance of asymptomatic colorectal cancer in patients with inflammatory bowel disease, v10 Prospective comparative study of spiral computer tomography and magnetic resonance imaging for detection of hepatocellular carcinoma. 105

Screening guidelines for colorectal cancer and polyps in patients with acromegaly, v13

Surveillance guidelines after removal of colorectal adenomatous

selective serotonin reuptake inhibitors, Centrally acting agents and visceral sensitivity, i91

Pharmacotherapy: non-serotonergic mechanisms, i87

self management, Helping patients to help themselves: the future for management of ulcerative colitis?, 309

sensitisation, Gastric hyperalgesia and changes in voltage gated sodium channel function in the rat, i15

sensory perception, A role for inflammation in irritable bowel syndrome?, i41

Investigation of visceral sensation in humans, i58

sepsis, Čauses of obvious jaundice in South West Wales, 613 **serology**, To perform or not to perform liver biopsy—that is the question, **9**

serotonergic agents, Pharmacotherapy, i96
Serotonergic modulation of visceral sensation: lower gut, i81

serotonin, Pharmacotherapy, i96
Serotonergic modulation of visceral sensation: lower gut, i81

Visceral perception: sensory transduction in visceral afferents and nutrients, i11

ated adenoma, Molecular characteristics of serrated adenomas of the colorectum, 200 serrated adenoma,

serrated adenomas, Serrated adenomas in FAP, 895 Serrated adenomas in FAP, 895

short bowel syndrome, Absorption and metabolism of octanoate by the rat colon in vivo: concentration dependency and influence of alternative fuels, 76

sigma ligands, Antidiarrhoeal properties of a novel sigma ligand (JO 2871) on toxigenic diarrhoea in mice: mechanisms of action, 522

signal transducer and activator of transcription, Activation of

signal transducer and activator of transcription (STAT) 1 in human chronic inflammatory bowel disease, 379 signal transfer, Extracellular signal regulated kinases are key mediators of mitogenic signals in rat pancreatic stellate cells,

single photon emission computed tomography, Non-invasive measurement of gastric accommodation in humans, i59

SPECT imaging of the stomach: comparison with barostat, and effects of sex, age, body mass index, and fundoplication, 781 sitosterol, Comparison of the hepatic clearances of campesterol, sitosterol, and cholesterol in healthy subjects suggests that efflux transporters controlling intestinal sterol absorption also regulate biliary secretion, 860

slow transit constipation, Pan-colonic decrease in interstitial cells of Cajal in patients with slow transit constipation, 496

SMAD4, Frequent loss of SMAD4/DPC4 protein in colorectal cancers. 56

small bowel biopsy, Invasive or non-invasive methods for the diagnosis of subclinical coeliac disease?, 455
 small bowel malabsorption, Absorption and metabolism of octanoate by the rat colon in vivo: concentration dependency and influence of alternative fuels, 76

small intestine, Effect of breast milk and weaning on epithelial growth of the small intestine in humans, 748

growth of the small intestine in numans, 748
smoking, Cigarette smoking, appendectomy, and tonsillectomy as
risk factors for the development of primary sclerosing cholangitis: a case control study, 567
Effect of chronic and acute cigarette smoking on the
pharyngoglottal closure reflex, 771
Effects of appendicectomy on the course of ulcerative colitis, 803
In siblings with similar genetic susceptibility for inflammatory

bowel disease, smokers tend to develop Crohn's disease and non-smokers develop ulcerative colitis, 21

smooth muscle, Pan-colonic decrease in interstitial cells of Cajal in patients with slow transit constipation, 496

sodium current, Gastric hyperalgesia and changes in voltage gated sodium channel function in the rat, i15

sodium retention, Renal tubular events following passage from the supine to the standing position in patients with compensated liver cirrhosis: loss of tubuloglomerular feedback, 736

soluble liver antigen/liver pancreas, Establishment of standardised SLA/LP immunoassays: specificity for autoimmune hopetitis worldwide occurrence and disical

autoimmune hepatitis, worldwide occurrence, and clinical characteristics. 259

somatostatin, Antidiarrhoeal properties of a novel sigma ligand (JO 2871) on toxigenic diarrhoea in mice: mechanisms of action,

Pharmacotherapy: non-serotonergic mechanisms, **i87 sonic hedgehog**, Sonic hedgehog expression correlates with fundic gland differentiation in the adult gastrointestinal tract, **628**

specialist centres HCV infection should be managed in specialist centres, 625, 626

spinal afferents, Neuroanatomy of visceral nociception: vagal and splanchnic afferent, i2

spiral computer tomography, Prospective comparative study of spiral computer tomography and magnetic resonance imaging for detection of hepatocellular carcinoma, 105

spotting lethal rat, Abnormalities of the enteric nervous system in heterozygous endothelin B receptor deficient (spotting lethal) rats resembling intestinal neuronal dysplasia, 414

stellate cells, A long hard look at Dukes' B, 6
Effect of weight reduction on liver histology and biochemistry in patients with chronic hepatitis C, 89

Pancreatic stellate cells contribute to regeneration early after acute necrotising pancreatitis in humans, 574

steroids, New steroids for IBD: progress report, 182

stomach, Regression of fundic gland polyps following acquisition of Helicobacter pylori, 742
Relationship between Helicobacter pylori babA2 status with gas-

tric epithelial cell turnover and premalignant gastric lesions, **480** SPECT imaging of the stomach: comparison with barostat, and effects of sex, age, body mass index, and fundoplication, 781

stress, Role of thyrotrophin releasing hormone and corticotrophin releasing factor in stress related alterations of gastrointestinal motor function, i45

sceral perception: inflammatory and non-inflammatory mediators, i19 Visceral

stretch, Testing the sensitivity hypothesis in practice: tools and methods, assumptions and pitfalls, i34

stromelysin, Upregulation of matrix metalloproteinases in a model of T cell mediated tissue injury in the gut: analysis by gene array and in situ hybridisation, 540

sulphasalazine, Sulphasalazine and mesalazine: serious adverse reactions re-evaluated on the basis of suspected adverse reaction reports to the Committee on Safety of Medicines, 536

supraoesophageal reflexes, Effect of chronic and acute cigarette smoking on the pharyngoglottal closure reflex, 771

surgery, A prospective randomised study of the probiotic Lactobacillus plantarum 299V on indices of gut barrier function in elective surgical patients, **827**Antagonist: Ileal Crohn's disease is best treated by surgery, **11**

Protagonist: Ileal Crohn's disease is best treated by surgery, 13

surveillance intervals, Risk related surveillance colorectal polypectomy, 424

surveillance programmes, Surveillance for hepatocellular carcinoma in liver cirrhosis: have programmes improved

because patients have?, **456**Surveillance for hepatocellular carcinoma in liver cirrhosis: have programmes improved because patients have?, 611

survival, Aetiology of extrahepatic portal vein thrombosis, 755
Aetiology of extrahepatic portal vein thrombosis, 755
Colon cancer in France: evidence for improvement in management and survival, 60

Natural history of primary sclerosing cholangitis and prognostic value of cholangiography in a Dutch population, 562

Sweden, Flat and depressed colorectal tumours in a southern Swedish population: a prospective chromoendoscopic and histopathological study, **550**

sympathetic neurones, Prevertebral ganglia and intestinofugal afferent neurones, i6

Sacral systemic sclerosis, nerve stimulation for faecal incontinence due to systemic sclerosis, 881

T cell lymphoma, Heterogeneity of intraepithelial lymphocytes in refractory sprue: potential implications of CD30 expression,

T-bet and mucosal Th1 responses in the gastrointestinal tract. 301

T cells, Defining the roles of perforin, Fas/FasL, and tumour necrosis factor α in T cell induced mucosal damage in the mouse intestine, 155

Suppressor T cells, rebranded as regulatory T cells, emerge from the wilderness bearing surface markers, 311

target height, Adult height in patients with early onset of Crohn's disease, 26

T-bet, T-bet and mucosal Th1 responses in the gastrointestinal tract, 301

tense ascites, Terlipressin and arterial blood volume after paracentesis for tense ascites in cirrhosis, 755

tension, Testing the sensitivity hypothesis in practice: tools and methods, assumptions and pitfalls, i34 tensostat, Testing the sensitivity hypothesis in practice: tools and methods, assumptions and pitfalls, i34

terlipressin, Terlipressin and arterial blood volume after paracente-

sis for tense ascites in cirrhosis, 755

term neonate, Mechanisms of gastro-oesophageal reflux in preterm and term infants with reflux disease, 475

tetrodotoxin, Gastric hyperalgesia and changes in voltage gated sodium channel function in the rat, i15

Th1 responses, T-bet and mucosal Th1 responses in the gastrointestinal tract, 301

thalamic pathways, Role of the brain and sensory pathways in gastrointestinal sensory disorders in humans, i29

The Core Curriculum Committee. Core Curriculum in Adult Primary Care Series: Gastroenterology book reviews, 298

thioguanine nucleotide, Thiopurine metabolites and the role of thiopurine methyltransferase activity in inflammatory bowel disease: letter, 141

thiopurine methyltransferase, Thiopurine metabolites and the role of thiopurine methyltransferase activity in inflammatory bowel disease: letter, 141

TPMT in the treatment of Crohn's disease with azathioprine, 143 thyrotrophin releasing hormone, Role of thyrotrophin releasing hormone and corticotrophin releasing factor in stress related alterations of gastrointestinal motor function, i45

tight junctions, Effect of stress on the paracellular barrier in the rat ileum, 507

time trends, Colon cancer in France: evidence for improvement in management and survival, 60

tissue inhibitor of metalloproteinase, Upregulation of matrix metalloproteinases in a model of T cell mediated tissue injury in the gut: analysis by gene array and in situ hybridisation, 540

tissue transglutaminase, Anti-tissue transglutaminase antibodies from coeliac patients inhibit transglutaminase activity both in vitro and in situ, 177

toll-like receptors, Lipopolysaccharide modulation of normal enterocyte turnover by toll-like receptors is mediated by endogenously produced tumour necrosis factor α , 842

tonsillectomy, Cigarette smoking, appendectomy, and tonsillec-tomy as risk factors for the development of primary sclerosing cholangitis: a case control study, 567

tranexamic acid, Upper gastrointestinal bleeding and surrogate end points: letter, 140

transforming growth factor, Human transforming growth factor α $(TGF-\alpha)$ is digested to a smaller (1–43), less biologically active, form in acidic gastric juice, 787

transient lower oesophageal sphincter relaxation, gastric emptying, Mechanisms of gastro-oesophageal reflux in preterm and term infants with reflux disease, 475

transjugular intrahepatic portosystemic stent shunt, The role of the transjugular intrahepatic portosystemic stent shunt (TIPSS) in the management of bleeding gastric varices: clinical and haemodynamic correlations, 270

trapidil, Extracellular signal regulated kinases are key mediators of mitogenic signals in rat pancreatic stellate cells, 579

trefoil factor 1, Characterisation of oestrogen receptor, progesterone receptor, trefoil factor 1, and epidermal growth factor and its receptor in pancreatic cystic neoplasms and pancreatic ductal adenocarcinoma, 712

trefoil factor family, Gastroprotective peptide trefoil factor family 2 gene is activated by upstream stimulating factor but not by c-Myc in gastrointestinal cancer cells, 685

trefoil peptide, Gastroprotective peptide trefoil factor family 2 gene is activated by upstream stimulating factor but not by c-Myc in gastrointestinal cancer cells, 685

Subject index 13 of 13

tricyclic antidepressants, Pharmacotherapy: non-serotonergic mechanisms, i87

tricyclics, Centrally acting agents and visceral sensitivity, i91 tumour necrosis factor α converting enzyme, Autoimmune related pancreatitis, 1

- Tumour necrosis factor α converting enzyme (TACE) activity in the colonic mucosa of patients with inflammatory bowel disease, 37
- tumour necrosis factor α , Anti-tumour necrosis factor therapy in Crohn's disease: where are we now?, 362
 - Lipopolysaccharide modulation of normal enterocyte turnover by toll-like receptors is mediated by endogenously produced tumour necrosis factor α , **842**
 - Susceptibility to primary sclerosing cholangitis in Brazil is associated with HLA-DRB113 but not with tumour necrosis factor α –308 promoter polymorphism, 609
- tumour necrosis factor, Autoimmune related pancreatitis, 1
 - Defining the roles of perforin, Fas/FasL, and tumour necrosis factor α in T cell induced mucosal damage in the mouse intestine,
 - Tumour necrosis factor α converting enzyme (TACE) activity in the colonic mucosa of patients with inflammatory bowel disease. 37
- type A hepatitis, Association between severity of type A hepatitis and nucleotide variations in the 5' non-translated region of hepatitis A virus RNA: strains from fulminant hepatitis have fewer nucleotide substitutions, 82
- ulcerative colitis epidemiology, No seasonality in month of birth of inflammatory bowel disease cases: a prospective population based study of British under 20 year olds, **814**
- ulcerative colitis, Activation of signal transducer and activator of transcription (STAT) 1 in human chronic inflammatory bowel disease, 379

Appendix redux, 764

- Autoimmune related pancreatitis, 1
 B cell attracting chemokine 1 (CXCL13) and its receptor CXCR5 are expressed in normal and aberrant gut associated lymphoid tissue, 364
- Cigarette smoking, appendectomy, and tonsillectomy as risk factors for the development of primary sclerosing cholangitis: a case control study, 567
- Effects of appendicectomy on the course of ulcerative colitis, 803 Helping patients to help themselves: the future for management of ulcerative colitis?, **309**
- In siblings with similar genetic susceptibility for inflammatory bowel disease, smokers tend to develop Crohn's disease and non-smokers develop ulcerative colitis, 21

- New steroids for IBD: progress report, **182**Protective role of appendicectomy on onset and severity of ulcerative colitis and Crohn's disease, **808**
- Related IgA1 and IgG producing cells in blood and diseased mucosa in ulcerative colitis, 44
- Tumour necrosis factor α converting enzyme (TACE) activity in the colonic mucosa of patients with inflammatory bowel

disease, 37 Which 5-ASA?, 548

- ulcer, Upper gastrointestinal bleeding and surrogate end points: let-
- ultrasound, Non-invasive measurement of gastric accommodation in humans, i59
- underdiagnosis, Underdiagnosis of hereditary haemochromatosis: lack of presentation or penetration?, 108
 upper gastrointestinal bleed, Non-variceal upper gastrointestinal
- haemorrhage: guidelines, iv1
- upright posture, Renal tubular events following passage from the supine to the standing position in patients with compensated liver cirrhosis: loss of tubuloglomerular feedback, 736

- upstream stimulating factor, Gastroprotective peptide trefoil factor family 2 gene is activated by upstream stimulating factor but not by c-Myc in gastrointestinal cancer cells, 685
- ureterosigmoidostomy, Guidelines for monitoring of patients with ureterosigmoidostomy, v15
- ursodeoxycholate, Hepatoprotection with tauroursodeoxycholate muricholate against taurolithocholate cholestasis: involvement of signal transduction pathways, 113
- VacA Toxigenic Helicobacter pylori induces changes in the gastric mucosal microcirculation in rats, 641
- vagal afferents, Neuroanatomy of visceral nociception: vagal and splanchnic afferent, i2
- variceal bleeding, All that glitters is not gold, 623
- vascular cell adhesion molecule, ICAM-1 and VCAM-1 antisense oligonucleotides attenuate in vivo leucocyte adherence and inflammation in rat inflammatory bowel disease, 529
- vasoactive drugs, All that glitters is not gold, 623
- vasopressin analogue, Terlipressin and arterial blood volume after paracentesis for tense ascites in cirrhosis, 755

venous spread, A place for TACE, 5

- Identification of objective pathological prognostic determinants and models of prognosis in Dukes' B colon cancer, 65
- vertebral fracture, High prevalence of osteoporotic vertebral fractures in patients with Crohn's disease, 654
- Vienna classification, Behaviour of Crohn's disease according to the Vienna classification, 614
- viraemia, Prevalence and risk factors of hepatitis C virus infection in haemodialysis patients: a multicentre study in 2796 patients, 429
- eral hypersensitivity, H gastrointestinal disorders, i25 visceral Hypersensitivity functional
 - Visceral perception: inflammatory non-inflammatory mediators, i19

visceral perception,

- Investigation of visceral sensation in humans, **i58**Role of nitric oxide in gastric motor and sensory functions in healthy subjects, 212
- Sensation and gas dynamics in functional gastrointestinal disorders, i72
- visceral reflexes, Hypersensitivity in functional gastrointestinal disorders, i25
- visceral sensation, Testing the sensitivity hypothesis in practice: tools and methods, assumptions and pitfalls, i34

Visceral sensation and emotion: a study using hypnosis, 701

visceral sensitivity, Centrally acting agents and visceral sensitivity,

Pharmacotherapy, i96

Role of visceral sensitivity in functional disorders, i76

- weaning, Effect of breast milk and weaning on epithelial growth of the small intestine in humans, 748
- weight loss, A long hard look at Dukes' B, 6
 - Effect of weight reduction on liver histology and biochemistry in patients with chronic hepatitis C, **89**
- whey formula, Aberrant composition of gut microbiota of allergic infants: a target of bifidobacterial therapy at weaning?, 51
- X chromosome inactivation, Polyclonal nature of diffuse prolifera-tion of interstitial cells of Cajal in patients with familial and multiple gastrointestinal stromal tumours, 793
- **ZO-1.** Effect of stress on the paracellular barrier in the rat ileum. **507**