

Gut

Journal of the British Society of Gastroenterology
A registered charity

Editor: R N Allan

Technical Editors: Norma Pearce and Shirley McGealey

Book Review Editor: D L Wingate

Production Editor: Jackie Foulds

**EDITORIAL
COMMITTEE**

A T R Axon T G Cooke
D C C Bartolo M F Dixon
M F Bassendine I T Gilmore
R M Batt C A Hart
I S Benjamin C J Hawkey
J Calam M Lucas
D C A Candy J Neuberger

D Nolan S J W Evans
C O'Morain (Statistical adviser)
M E Parsons Editor
P Quirke *British Medical Journal*
W D W Rees
J M Rhodes
I C Talbot

**INTERNATIONAL
ADVISORY BOARD**

B S Anand (USA)
C Arvanitakis (Greece)
G P van Berge Henegouwen (Netherlands)
G Bianchi-Porro (Italy)
A L Blum (Switzerland)
M van Blankenstein (Netherlands)
J P Delmont (France)
J Dent (Australia)
D Y Graham (USA)

J Hansky (Australia)
J Heathcote (Canada)
R H Hunt (Canada)
J R Jass (New Zealand)
S J Konturek (Poland)
S K Lam (Hong Kong)
M M Levine (USA)
J-R Malagelada (Spain)
R Modigliani (France)

T Muto (Japan)
G Paumgartner (Germany)
E W Pomare (New Zealand)
D Rachmilewitz (Israel)
J Rask-Madsen (Denmark)
E Rene (France)
A Torsoli (Italy)

SUBJECT INDEX – MAIN HEADINGS, 1992

- Abdominal pain, unexplained, ultrasound and liver function tests in determining need for ERCP, 1559**
- Abdominal tuberculosis, Indian migrants and indigenous population, Leicester, 1972-1989, epidemiology, 1085**
- Acarbose, effects on mouth to caecum transit time, 1246**
- Acetaldehyde, effects on pancreatic lysosomes, 1099**
- Acetorphan, and enkephalinase inhibitor, effects on diarrhoea, 753**
- N-Acetylaminoacrylic acid**
and 5-ASA concentrations in human ileocolonic biopsy homogenates after oral 5-ASA preparations, 1338
and 5-ASA uptake by isolated human colonic epithelial cell compared, 1343
- Achalasia**
complicated by oesophageal squamous cell carcinoma, 195 patients, 155
histological studies of Auerbach's plexuses, 150
incidence, features, diagnosis, 5-y study, 1011
and non-achalasic oesophageal dysmotility, familial coexistence, evidence for common pathogenesis: *case report*, 1421
pneumatic dilatation and nifedipine compared: *correspondence*, 288
- Acid-base transport systems in gastrointestinal epithelia: progress report, 1134**
- Acid outputs, nocturnal and peak, changes after duodenal ulcer healing with sucralfate or ranitidine, 175**
- Acute phase response, in inflammatory bowel disease, and peripheral blood monocyte cytokine production, 773**
- Adenocarcinoma**
and Barrett's oesophagus: *correspondence*, 862
Barrett's oesophagus, surgical treatment outcome, 1454
development, and length of Barrett's oesophagus, 1155
and dysplasia, occurrence after experimental dextran-induced chronic ulcerative colitis, hamsters, 1521
- Adenovirus 12, and precipitation of coeliac disease, 1504**
- AIDS**
simultaneous infection with two types of intestinal microsporidia: *case report*, 418
ulcerative colitis developing after amoebic dysentery: *case report*, 408
- Albumin, effect of intrajejunal elemental diet perfusion on jejunal secretion, 44**
- Alcoholic hepatitis, see Hepatitis, alcoholic**
- Alcoholic liver disease**
genetic predisposition: *leading article*, 1444
splenic function, 1386
- Alkaline phosphatase technique, in detection of anti-neutrophil antibody in primary sclerosing cholangitis and ulcerative colitis, 1370**
- Allele loss, on chromosomes 1 and 11, in carcinoma of the pancreas, 428**
- Alpha-1 antitrypsin, faecal, molecular form in Crohn's disease: *correspondence*, 572**
- Amino acid plasma levels, as test of exocrine pancreatic function, 392**
- Aminophenols (5-ASA and 4-ASA), effect on colonic interleukin-1 generation, 929**
- Aminopyrine breath test, in prognostic evaluation of cirrhosis, 836**
- 5-Aminosalicylic acid**
and Ac-5-ASA concentrations in human ileocolonic biopsy homogenates after oral 5-ASA preparations, 1338
and acetylated 5-ASA inhibition of interferon-gamma, in IBD, 1353
and N-acetylaminoacrylic acid uptake by isolated human colonic epithelial cell compared, 1343
- 4-Aminosalicylic acid and prednisolone enemas, in distal ulcerative colitis, double blind, controlled trial, 947**
- Amoebic dysentery, with subsequent ulcerative colitis, in haemophiliac with AIDS: *case report*, 408**
- Amoxycillin**
-clavulanic acid combination, and hepatitis, 15 cases, 368: *correspondence*, 1583
and tinidazole treatment, *H. pylori* positive children, 18 month follow up, 1328
- Amylase serum levels, diagnostic, relation to aetiology and severity of acute pancreatitis, 982**
- Anal endosonography: *leading article*, 148**
- Angiofollicular lymph node hyperplasia, associated with intestinal lymphangiectasia: *case report*, 135**
- Ankylosing spondylitis, increased intestinal permeability: *correspondence*, 1150**
- Anorectal function, in patients with complete supraconal spinal cord lesions, 1532**
- Anti-neutrophil antibody**
in inflammatory bowel disease, 668
prevalence in primary sclerosing cholangitis and ulcerative colitis, using alkaline phosphatase technique, 1370
- Antibody(ies)**
against neutrophils, clinical significance in inflammatory bowel disease and primary sclerosing cholangitis, 657
to yeast, in monozygotic twins with inflammatory bowel disease, 909
- Antral dysrhythmias, gastric, in children with chronic idiopathic intestinal pseudoobstruction, 1477**
- Appetite, and echographic gastric emptying, correlation between, effect of psyllium, 1042**
- Ascaris pancreatitis, fatal, uncommon in west: *case report*, 402**
- Aspirin**
inhibition of mucin synthesis, and cholecystectomy, 1113
inhibition of mucus glycoprotein biosynthesis in gall bladder, 1109
- Asthmatics, prevalence of oesophagitis, 872**
- Auerbach's plexuses, histological studies in achalasia of the oesophagus, 150**
- Autoimmune aetiology, for IBD, evidence against: *correspondence*, 1008**
- Autonomic neuropathy, subclinical, in constipated patients, detection using sweat test, 1539**
- Azygos venous blood flow, continuous measurement, computerised system, 372**
- Barrett's oesophagus**
and adenocarcinoma: *correspondence*, 862
adenocarcinoma, surgical treatment outcome, 1454
length, and dysplasia and adenocarcinoma development, 1155
- Beta adrenoceptor mediated pathway, in modulation of human upper intestinal nutrient transit, 1062**
- Bile acid**
faecal unconjugated, in colorectal cancer or polyps, 1239
ileal mucosal absorption, flux chamber technique, 490
optimum treatment for rapid gall stone dissolution, 381
- Bile composition and lithogenicity, in patients without cholesterol gall stones, effect of lipid infusion, 1400**
- Bile duct stones**
extracorporeal shock wave lithotripsy, single institution experience, 1416
management with biliary endoprosthesis, 40 cases, 1412
- Bile duct strictures**
brush and bile exfoliative cytology compared for diagnosis, 1675
exfoliative cytology for investigating, value, 1408
- Bile exfoliative cytology, and brush cytology compared, for diagnosing bile duct strictures, 1675**
- Bile leakage, postoperative, endoscopic management, 1118**
- Bile secretion, stimulated by intracerebroventricular neuropeptide Y via vagal mechanism, 1562**
- Biliary complications of cystic fibrosis, 387**
- Biliary sludge, development in patients on intensive care unit, 1123**
- Biliary tract calculi, and sclerosing cholangitis, primary or secondary?, 1376**
- Bismuth subsalicylate treatment of H₂ blocker resistant duodenal ulcers, role of *H. pylori*, 179**
- Bleeding oesophageal varices, endoscopic sclerotherapy v oesophageal transection and gastric devascularisation in long term management, 1553**
- Bleeding varices, in the elderly: *leading article*, 1009**
- Blood transfusion donors, influence of age and *H. pylori* on serum pepsinogens, 1680**
- Bowel habits, and stool form, general population, 818**
- Bowel symptoms, stressful life events, and irritable bowel syndrome, 825**
- Brachytherapy and endoscopic laser therapy combined, for oesophageal carcinoma, 435**
- British Society of Gastroenterology**
Michael Hobday, incoming President 1992-93, 1292
presidential review of year's activity 1990-91, 569
presidential review of the year's activity 1991-92, 1678
- Bromodeoxyuridine**
proliferation in colorectal mucosa, man, 71
proliferation in gastrointestinal epithelium, data for different sites, tumour proximity, and polyposis coli, 524: *correspondence*, 1583
- Bronchial carcinoid, paraneoplastic chronic intestinal pseudo-obstruction as rare complication: *case report*, 1000**
- Brush cytology, and bile exfoliative cytology compared, for diagnosing bile duct strictures, 1675**
- BWA4C, and colorectal leukotriene B4 synthesis, in inflammatory bowel disease, 513**
- C-myc proto-oncogene, increased expression in biopsies of ulcerative colitis and Crohn's colitis, 651**
- C-reactive protein, phospholipase A and interleukin-6 compared, in acute pancreatitis, 1264**
- Calcium2+**
increased activity in gall bladder bile in gall stone disease, 1404
intracellular, and calmodulin messenger system, in pepsinogen secretion, 21
- Calcium, dietary, does not reduce experimental colorectal carcinogenesis after small bowel resection, 1515**
- Calculi, biliary tract, and sclerosing cholangitis, primary or secondary?, 1376**
- Calmodulin, content and activity in normal and coeliac duodenum, 303**
- cAMP stimulatory antibodies in peptic ulcer disease: *correspondence*, 424**

- Cardiovascular autonomic neuropathy**, diabetes, and gastrointestinal motility disorders, assessment, 1199
- Castleman's disease**, associated with intestinal lymphangiectasia: *case report*, 135
- CD2 and CD3 antigen induced T cell cytotoxicity** of human intraepithelial and lamina propria lymphocytes, 1626
- Cerebral potentials**, evoked by oesophageal distension, in non-cardiac chest pain, 298
- Ceruletid**, effect on sphincter of Oddi, 550
- Chemotherapy**, for gastric cancer: *leading article*, 1153
- Chenodeoxycholic and ursodeoxycholic acid combination therapy**, value of pretreatment CT, 375
- Chest pain**
 - angina like, oesophageal motility, luminal pH, and ECG-ST segment analysis, 79
 - site and mechanism of perception with oesophageal balloon distension and intravenous edrophonium, 580
- Cholecystectomy**, and inhibition of gall bladder mucus synthesis, 1113
- Cholecystokinin**
 - release after bolus doses of fat, 218
 - role in pancreatic adaptation to massive enterectomy, 959
- Cholera**
 - indomethacin decreases jejunal fluid secretion in addition to luminal release of PGE2, 643
 - toxin, effect on jejunum, 1174
- Cholestatic hepatitis**, associated with clavulanic acid: *correspondence*, 1583
- Cholesteryl esters**, effects on pancreatic lysosomes, 1099
- Chronic idiopathic intestinal pseudoobstruction**, children, gastric antral dysrhythmias, 1477
- Cigarette smoking**, effect on gastric secretion, 1170
- Cimetidine**
 - and peptic ulcer drugs, gastric cancer risk, Denmark, 1977-90, 1166
 - safety, postmarketing surveillance, 10 year mortality report: *clinical trial*, 1280
- Cirrhosis**
 - aminopyrine breath test in prognostic evaluation, 836
 - with bleeding varices, factors related to early mortality and urgent sclerotherapy, 1381
 - as independent risk factor for colonic adenomas, 535
 - liver, disappearance of hepatic parenchymal nerves, 87
 - postprandial changes in portal haemodynamics, 364
 - septicaemia after colonoscopy: *correspondence*, 718
- Clavulanic acid associated cholestatic hepatitis**, 368: *correspondence*, 1583
- Clifford Hawkins Memorial Fund**, 571
- Coeliac disease**
 - abortive and permanent, large granular lymphocytes and NK cells in epithelium distinguishes, 767
 - adult, activated eosinophils, evidence for local release of major basic protein, 1190
 - characterisation of monoclonal antibodies raised against a synthetic peptide corresponding to amino acid residues 206-217 of A-gliadin, 1504
 - and dermatitis herpetiformis, ultrastructural binding sites of endomysium antibodies from sera, 191
 - endomysial antibody possible best screening test, 1633
 - IgG subclass antibodies to a variety of food antigens, 632
 - latent, and IgA nephropathy, 476
 - and molecular biology: *leading article*, 573
 - mucosa, in gliadin induced changes of antigens by small intestinal epithelium, 472
 - mucosal gamma-interferon production, immunohistochemical analysis, 1482
 - in remission, and controls, gliadin uptake in enterocytes, 1487
- Coeliac duodenum**, calmodulin content and activity, 303
- Colchicine**, impairs interferon-gamma induced HLA-DR expression, 59
- Colitis**
 - collagenous, distribution, flexible sigmoidoscopy, 65
 - experimental, ketotifen effectively prevents mucosal damage, 1498
 - Mr 40 000 human colonic epithelial protein expression in colonic mucosa, tamarins, 48
 - quiescent, renal function tests, drug treatment effects, 1348
- Collagen synthesis** in fibroblasts from human colon, 1664
- Collagenous colitis**
 - distribution, flexible sigmoidoscopy, 65
 - NSAIDs as possible cause, 683
- Colloidal bismuth subcitrate** concentration in gastric mucus, effect of *H. pylori* infection, 592
- Colon (colonic)**
 - adenomas, cirrhosis as independent risk factor, 535
 - cancer, and faecal pH: *correspondence*, 572, 1680
 - cancer cell line, vitamin D and its metabolites inhibit cell proliferation, 1660
 - carcinoma, integrin adhesion molecules on colonic epithelial cells, during benign to malign transformation, 342
 - cellular proliferation, effect of dietary fibre content of lifelong diet, rat, 1076
 - collagen synthesis in fibroblasts, 1664
 - control of muscle tone, 541
- diaphragm disease, NSAID-induced: *case report*, 1424
- electrogenic absorption and secretion, and vitamin A deficiency, rat, 794
- epithelial cell, 5-ASA and N-acetylaminoacrylic acid uptake compared, 1343
- interleukin-1 generation, effect of aminophenols (5-ASA and 4-ASA), 929
- intraepithelial lymphocytes, allogeneic, stimulated by epithelial cells bearing class II molecules, 1089
- mucosal biopsies, coculture to investigate eicosanoid release in IBD, 1644
- preservation reduces need for parenteral therapy, 1493
- protein synthesis rates, stimulation by gastrointestinal pathologies, 976
- right, diverticulitis, Hong Kong, 547
- tuberculosis, colonoscopic study of 50 patients, 347
- varices, familial and idiopathic, causing lower gastrointestinal haemorrhage: *case report*, 1285
- Colonoscopy**
 - colonic tuberculosis, 50 patients, 347
 - septicaemia after, in cirrhosis: *correspondence*, 718
- Colorectal adenomas**, predictors of presence, multiplicity, size and dysplasia, necropsy study, New Zealand, 1508
- Colorectal cancer (carcinoma)**
 - after small bowel resection, not reduced by dietary calcium, 1515
 - hereditary non-polyposis, evolution, 783
 - and hypercholesterolaemia, association between, Irish population, 950
 - or polyps, faecal unconjugated bile acids, 1239
 - who are families at risk?, 787
- Colorectal leukotriene B4 synthesis**, in vitro, in inflammatory bowel disease, effects of BWA4C, 513
- Colorectal polyps**, mucin associated Tn and sialosyl-Tn antigen expression, 518
- Colorectal strictures**, benign and malignant, in ulcerative colitis, 938
- Columnar lined Barrett's oesophagus**, proliferation of squamous, Barrett's and gastric mucosa, 733
- Complement**
 - pathway activation, in spontaneous bacterial peritonitis, 307
 - surface epithelium related activation differs in Crohn's disease and ulcerative colitis, 902
- Constipation**, subclinical autonomic neuropathy, and sweat test, 1539
- Correction**, 1440
- Cow's milk provocation** induces immune response to unrelated dietary antigens, 1179
- CR-1409**, CCK antagonist, abolishes pancreatic adaptation to proximal small bowel resection, 427 *abs*
- Crohn's colitis**, increased expression of *C-myc* proto-oncogene in biopsies, 651
- Crohn's disease**
 - acute pancreatitis complicating, mere coincidence or causality: *case report*, 1289
 - acute small bowel, thrombotic thrombocytopenic purpura mimicking: *case report*, 857
 - after ileocolic resection, 331: *correspondence*, 1150
 - antibodies to *S. cerevisiae*, importance, 1071
 - can it be diagnosed at laparotomy: *case report*, 140
 - childhood, whole body protein turnover, 675
 - DNA aneuploidy, 663
 - effect of smoking on localisation and clinical course, 779
 - IgG, IgG1 and IgG2, endoscopic biopsy determinations, 507
 - impact from molecular biology: *leading article*, 145
 - increased pulmonary and intestinal permeability, 678
 - interferon-alpha production by human intestinal mononuclear cells, 897
 - intestinal permeability, 320
 - M. paratuberculosis* DNA in tissue, 890
 - and molecular form of faecal '1' antitrypsin: *correspondence*, 572
 - mortality, Leicestershire, 1972-1989, 1226
 - PCR detection of *M. paratuberculosis* and *M. avium* subsp. *silvaticum*, 1209
 - perceived discrimination in education and employment, 312
 - raised concentrations of platelet activating factor in colonic mucosa, 1220
 - and ulcerative colitis, surface epithelium related activation of complement differs, 902
- Crypt cell production rates** at various sites around the colon, Wistar rats and humans, 1528
- Crypt epithelial proliferation**, and T cell activation, 230
- Cryptosporidium**, chronic diarrhoea, and proximal small intestinal mucosa, 1057
- Cryptosporidium A** toxicity to rat pancreas, importance of prostaglandins, 1572
- Cysteamine**, protects gastric epithelial cell monolayers against drug induced damage, 30
- Cystic fibrosis**
 - biliary complications, 387
 - vitamin A absorption, risk of hypervitaminosis A, 707
- Cytokine**
 - mucosal, in inflammatory bowel disease, 315
 - production
 - in inflammatory bowel disease, 933
 - peripheral blood monocyte, and acute phase response in inflammatory bowel disease, 773
- Cytomegalovirus vasculitis**, causing small bowel haemorrhage: *correspondence*, 862

- Cytotoxic agents**, gastrointestinal cancer cell response, effect of electrohydraulic and extracorporeal shock waves, 791
- Defaecation**, frequency and timing and stool form, general population, 818
- Dermatitis herpetiformis**
and coeliac disease, ultrastructural binding sites of endomysium antibodies from sera, 191
and increase of lymphocytes bearing gamma/delta T-cell receptor, 206
- 'Devon polyposis syndrome'**, and update: *case report*, 1004
- Diabetes**
caused by pancreatic surgery after acute fulminant pancreatitis, 843
gastrointestinal motility disorders, non-invasive assessment, 1199
recurrent, in pancreatic transplants, immunohistological phenomena associated, 427 *abs*
- Diabetes insipidus**, nephrogenic, mesalazine associated, presenting as weight loss: *case report*, 563
- Diabetes mellitus**, non-insulin dependent, speed of gastric emptying: *correspondence*, 287
- Diabetic diarrhoea**, effective treatment with octreotide: *case report*, 1578
- Diarrhoea**
alimentary, intestinal hypersecretion of refed starved rat as model, 1050
chronic, *Cryptosporidium*, and proximal small intestinal mucosa, 1057
diabetic, effective treatment with octreotide: *case report*, 1578
experimental and acute, effects of acetorphane, an enkephalinase inhibitor, 753
of famine and severe malnutrition, involvement of glucagon: *leading article*, 432
and malabsorption, in giardiasis, multifactorial process: *leading article*, 295
- Diets**, and oesophageal and gastric cancer, Kashmir, 11
- Diverticular disease**, effect of ispaghula husk on entire colon, 352
- Diverticulitis** of right colon, Hong Kong, 547
- DNA**
aneuploidy, in Crohn's disease and ulcerative colitis, 663
different changes in primary and recurrent hepatocellular carcinoma: *case report*, 1433
- Dopamine**, low dose, in acute pancreatitis, 426 *abs*
- Drug-induced damage**, cysteamine protects gastric epithelial cell monolayers against, 30
- Duodenal perforation** in primary systemic amyloidosis: *case report*, 997
- Duodenal ulcer**
bleeding, ethanolamine oleate and thrombin in treatment, 456
disease
eicosanoid synthesis, decrease in leukotriene C4U by colloidal bismuth subcitrate, 159
family, three generations, evidence of clonal variants of *H. pylori*, 1323
mucosal reactive oxygen metabolite production, 1467
H2 blocker resistant, bismuth subsalicylate treatment, role of *Helicobacter pylori*, 179
healing with sucralfate or ranitidine, changes in acid outputs, 175
impaired mucosal defence model, 1044
resistant, omeprazole versus ranitidine: *correspondence*, 863
suppression of *H. pylori* reduces GRP stimulated gastrin release, 601
- Duodenal villous adenoma**, endosonography in diagnosing and staging: *case report*, 567
- Duodenogastric reflux**, enhancing experimental pancreatic carcinogenesis, 428 *abs*
- Duplex ultrasound**, in estimation of total hepatic blood flow, 92: *correspondence*, 1293
- Dyspepsia**
H. pylori, and peptic ulcer, randomly selected population, India, 1462
ulcer and non-ulcer, fasting and postprandial gastrointestinal motility, 184
- Dysphagia, malignant**
inoperable, endoscopic palliation, long term follow up, 1602
radiation enhancement of laser palliation, pilot study, 1597
- Dysplasia**
and adenocarcinoma, occurrence after experimental dextran-induced chronic ulcerative colitis, hamsters, 1521
development, and length of Barrett's oesophagus, 1155
- Dystrophic epidermolysis bullosa**, and oesophageal strictures: *correspondence*, 1152
- Echographic gastric emptying** and appetite, correlation between, influence of psyllium, 1042
- Edrophonium**, intravenous, and oesophageal balloon distension, site and mechanism of pain perception, 580
- Eicosanoid production**, coculture of colonic mucosal biopsies from IBD to investigate, 1644
- Eicosanoid synthesis**, in duodenal ulcer disease, decrease in leukotriene C4U by colloidal bismuth subcitrate, 159
- Electrohydraulic** and extracorporeal shock waves, effect on gastrointestinal cancer cells and their response to cytotoxic agents, 791
- Elemental diet perfusion**, intrajejunal, effect on jejunal secretion of immunoglobulins, albumin, and hyaluronan, 44
- Endomysium antibodies**
from sera of patients with dermatitis herpetiformis and coeliac disease, ultrastructural binding sites, 191
- possible best screening test for coeliac disease, 1633
- Endoprosthesis**, biliary, in common bile duct stone management, 40 cases, 1412
- Endoscopic injection therapy** and heater probe compared, in major peptic ulcer haemorrhage, 1159
- Endoscopic laser therapy** and brachytherapy combined, for oesophageal carcinoma, 435
- Endoscopic management** of postoperative bile leakage, 1118
- Endoscopic palliation** for inoperable malignant dysphagia, long term follow up, 1602
- Endoscopic retrograde cholangiopancreatography** induced pancreatitis, does octreotide protect against, 1129
- Endoscopic retrograde pancreategraphy**, possible diagnostic role in acute necrotising pancreatitis, 426 *abs*
- Endoscopic sclerotherapy**, v oesophageal transection and gastric devascularisation, in long term management of bleeding oesophageal varices, 1553
- Endoscopic ultrasound**, for islet cell tumour localisation, 108
- Endoscopy**, open access, current practice, 282
- Endosonography**
in detection of residual infiltration of oesophageal cancer after medical treatment, 1459
in diagnosing and staging duodenal villous adenoma: *case report*, 567
rectal and anal: *leading article*, 148
- Endothelin-induced gastric mucosal damage**, role of platelet activating factor, 868
- Endothelin like immunoreactivity**, localisation in adult and developing human gut, 212
- Endotoxaemia**
leporine, TNF-alpha secretion, 694
and serum tumour necrosis factor as prognostic markers in severe acute pancreatitis, 1126
- Enkephalinase inhibitor**, acetorphane, effects on experimental and acute diarrhoea, 753
- Enteral feeding**, assessment of percutaneous endoscopic gastrostomy feeding tube as part of integrated approach, 613
- Enterectomy**, massive, role of cholecystokinin in pancreatic adaptation, 959
- Enterochromaffin like cells**, trophic effect of gastrin, rat stomach, 1303
- Enterocolitis**, complicating Hirschsprung's disease, mucosal immune defence mechanisms, 801
- Enterocytes**
differentiation status after intestinal adaptation to jejunoleal bypass, rat, 1638
gliadin uptake, coeliac disease and controls, 1487
- Enteroglucagon**, release after bolus doses of fat, 218
- Enteropathogenic Escherichia coli**, effect on microvillar membrane proteins during rabbit intestinal mucosa culture, 1184
- Eosinophils**, activated, in adult coeliac disease, evidence for local release of major basic protein, 1190
- Epidermal growth factor**
administration of antibody to, effect on rapid increase of DNA synthesis induced by partial hepatectomy, rat, 831
oesophagus, 1448
receptors
hepatocyte, galactosamine induced hepatitis induces reduction, 954
in oesophagus, 439
- Epidermolysis bullosa**, dystrophic, and oesophageal strictures: *correspondence*, 1152
- Epithelia**, gastrointestinal, acid-base transport systems: *progress report*, 1134
- Epithelial cell growth factors**, production by lamina propria mononuclear cells, 39
- Epithelial cells** bearing class II molecules stimulate allogeneic human colonic intraepithelial lymphocytes, 1089
- Erythromycin**, and the gut: *review article*, 397
- Escherichia coli** strains, virulence properties, isolated from patients with inflammatory bowel disease, 646
- Ethanol**
absolute, oral, gastric cytoprotection by prostaglandin, rats, 444
effects on pancreatic lysosomes, 1099
- Ethanolamine oleate** and thrombin, bleeding duodenal ulcer treatment, 456
- Exfoliative cytology**, value for investigating bile duct strictures, 1408
- Exocrine pancreatic function**, amino acid plasma levels as test, 392
- External anal sphincter**, relation between electromyography and anal manometry: *correspondence*, 718
- Extracorporeal** and electrohydraulic shock waves, effect on gastrointestinal cancer cells and their response to cytotoxic agents, 791
- Extracorporeal lithotripsy** of pancreatic stones in patients with chronic pancreatitis and pain, 969
- Extracorporeal shock wave lithotripsy**
bile duct stones, single institution experience, 1416
gall bladder stones, results, 277
- Extrahepatic portal venous obstruction**, and pseudosclerosing cholangitis, 272
- Factor V and VIII/V ratio**, predicting outcome in paracetamol induced fulminant hepatic failure, 98

- Faecal alpha-1 antitrypsin**, molecular form, in Crohn's disease: *correspondence*, 572
- Faecal incontinence**, 'idiopathic', combined tests, 807
- Faecal pH** and colon cancer: *correspondence*, 572, 1680
- Familial adenomatous polyposis**
epidemiology, family screening, cancer rate and survival, Finland, 357
risk estimation using DNA probes linked to familial adenomatous polyposis gene, 530
screening and management, 125
- Familial homozygous hypobetalipoproteinaemia**, liver fibrosis, and vitamin supplementation: *case report*, 414
- Fasting and postprandial gastrointestinal motility** in ulcer and non-ulcer dyspepsia, 184
- Fat**
bolus doses, effect on small intestinal structure, 218
dietary, effect on mucosal mass and cell proliferation, 224
- Fibre content** of lifelong diet, effect of colonic cellular proliferation, rat, 1076
- Fibroid polyps**, inflammatory, multiple and recurrent, Devon family ('Devon polyposis syndrome'), update: *case report*, 1004
- Fibrosis**, multifocal, and sclerosing cholangitis: *case report*, 1430
- Fish oil**, in treatment of ulcerative colitis, 922
- Fluticasone propionate**, oral, in active distal ulcerative colitis: *clinical trial*, 711
- Food**
antigens, IgG subclass antibodies, in coeliac disease, 632
and chronic upper abdominal pain, 743
- Galactosamine induced hepatitis** induces reduction in hepatocyte epidermal growth factor receptors, 954
- Gall bladder**
mucus synthesis, inhibition, and cholecystectomy, 1113
stones, extracorporeal shock wave lithotripsy, results, 277
in vitro, hydrogen ion secretion, 554
- Gall stones**
dissolution, optimum bile acid treatment, 381
formation, effect of aspirin on mucin synthesis, 1109
percutaneous cholecystolithotomy, selection and results, 1253
prevalence at necropsy, longitudinal study, 103
solubility, predicting, computed tomography, 698
UDCA and CDCA treatment, value of pretreatment CT, 375
- Gastrectomy**, osteomalacia after: *correspondence*, 1151
- Gastric acid suppression**, role in gastro-oesophageal reflux disease treatment, 118
- Gastric antral vascular ectasia**, maintenance treatment with oestrogen-progestrone: *case report*, 715
- Gastric B-cell mucosa associated lymphoid tissue lymphoma**, 56 patients, 1307
- Gastric cancer (carcinoma)**
changing pattern, Oxfordshire, 1312
chemotherapy: *leading article*, 1153
early, 46 cases treated in one surgical department, 1318
high incidence, Kashmir, diets, 11
histological classification involving differences in mode of extension, 606
mucins as clinical markers: *correspondence*, 1681
risk, cimetidine and peptic ulcer drugs, Denmark, 1977-90, 1166
- Gastric corpus tone and motility**, effect of immunisation against vasoactive intestinal polypeptide, ferret, 1473
- Gastric cytoprotection** by prostaglandin in rats receiving absolute ethanol orally, 444
- Gastric emptying**
liquid, in children suffering from acute rotaviral gastroenteritis, 26
rates, liquids, aspiration and scintigraphy compared, 115
- Gastric endocrine cells**, influence of multiple endocrine neoplasia type 1, in Zollinger-Ellison syndrome, 1275
- Gastric mucosa**, proliferation in columnar lined Barrett's oesophagus, 733
- Gastric mucosal barrier** to hydrogen ions imparted by surfactant, 1039
- Gastric secretion**, effect of acute cigarette smoking, 1170
- Gastrin**
release after bolus doses of fat, 218
releasing peptide stimulated gastrin release, and suppression of *H. pylori*, in duodenal ulcer patients, 601
trophic effect on enterochromaffin like cells, rat stomach, 1303
- Gastritis**, caused by *H. pylori* infection, ammonia role, 1612
- Gastro-oesophageal reflux disease**, treatment, role of gastric acid suppression, 118
- Gastroenteritis**, acute rotaviral, and gastric emptying of liquid, children, 26
- Gastrointestinal blood loss**, undiagnosed, small bowel enteroscopy, 887
- Gastrointestinal cancer cells**, and their response to cytotoxic agents, effect of electrohydraulic and extracorporeal shock waves, 791
- Gastrointestinal epithelia**
acid-base transport systems: *progress report*, 1134
proliferation using BrdUrd, data for different sites, tumour proximity, and polyposis coli, 524: *correspondence*, 1583
- Gastrointestinal function**, moderately impaired, and need for predigested nitrogen source for enteral nutrition, 877
- Gastrointestinal motility disorders**, in diabetic patients with and without cardiovascular signs of autonomic neuropathy, non-invasive assessment, 1199
- Gastrointestinal symptoms**, HIV associated, relevance of infective agents, 1080
- Gastrointestinal tract**, growth factors: *leading article*, 1297
- Gastrooesophageal reflux**
disease, 3-y follow up, 1016
uncomplicated, surgery: *leading article*, 293
- Gastropathy**, NSAID-induced, *H. pylori* a risk and severity factor, 1608
- Gene therapy**: *leading article*, 1585
- Genetic predisposition** to alcoholic liver disease: *leading article*, 1444
- Giardiasis**, diarrhoea and malabsorption, multifactorial process: *leading article*, 295
- Gliadin**
antibody concentrations, high, and subclinical gluten intolerance, 194
IgA antigliadin and IgA antiendomysium antibodies, and IgA nephropathy, 476
induced changes, in expression of MHC-class II antigens by human small intestinal epithelium, 472
uptake in enterocytes, coeliac disease and controls, 1487
- Glucagon**, involvement with diarrhoea of famine and severe malnutrition: *leading article*, 432
- Glucose-electrolyte solutions**, hypotonic, water and solute absorption from, human jejunum, 479
- alpha-Glucosidase inhibitors**, effects on mouth to caecum transit time, 1246
- Glutaryl-trialanin-ethylamide**, in effective peritoneal therapy of acute pancreatitis, rat, 701
- Gluten intolerance**, subclinical, and high gliadin antibody concentrations, 194
- Gluten sensitivity**, dietary modulation, in naturally occurring enteropathy, Irish setter dogs, 198
- Glycine nitrogen**, in total parenteral nutrition, two prospective clinical trials, 848
- Goblet cell depletion**, and T cell activation, 230
- Gram positive gastric flora**, and fasting hypochlorhydria, highly prevalent in healthy old people, 1331
- Growth factor**
epidermal, autocrine loop, in pancreatic hyperplasia and neoplasia, 427 *abs*
epidermal and transforming, trophic effects on pancreatic neoplastic proliferation in vitro, 427 *abs*
gastrointestinal tract: *leading article*, 1297
- Gut**
and erythromycin: *review article*, 397
non-immunological defence mechanisms: *progress report*, 987
- H2 blocker resistant duodenal ulcers**, bismuth subsalicylate treatment, role of *Helicobacter pylori*, 179
- H2-receptor mediated cyclic adenosine monophosphate production**, absence of antibodies stimulating, in peptic ulcer disease: *correspondence*, 424
- Heater probe and endoscopic injection therapy** compared, in major peptic ulcer haemorrhage, 1159
- Helicobacter pylori**
the African enigma: *leading article*, 429
amoxycillin and tinidazole treatment, children, 18 month follow up, 1328
and bismuth subsalicylate treatment of H2 blocker resistant duodenal ulcers, 179
clonal variants, three generations of a duodenal ulcer disease family, 1323
dyspepsia, and peptic ulcer, randomly selected population, India, 1462
effect on gastric acidity, 1024
and gastric cancer, correlation with gastritis, metaplasia, tumour, 1029
infection
and age, influence on serum pepsinogens in healthy blood transfusion, 452; *correspondence*, 1680
effect on colloidal bismuth subcitrate concentration in gastric mucus, 592
in gastritis, hypergastrinaemia, and hyperpepsinogenaeia I, ammonia role, 1612
mucosal peptic activity during, pediatric patients, 1162
rates in relation to age and social class, Welsh men: *correspondence*, 1582
- and intestinal metaplasia**, endoscopic biopsic study of gastric antrum, 16
and peptic ulcers, present position: *leading article*, 289: *correspondence*, 1293
- Peru**, ecology, 604
- risk and severity factor of NSAID-induced gastropathy, 1608
- secretes chemotactic factor for monocytes and neutrophils, 1020
-
- sonicate, chemotactic activity, for human polymorphonuclear leucocytes and monocytes, 738
- and subtypes of intestinal metaplasia, 597
- suppression reduces GRP stimulated gastrin release in duodenal ulcer patients, 601
- Heparinoids**, endogenous, plasma concentrations, in portal hypertension, 1549
- Hepatectomy**, partial, effect of in vivo administration of antibody to epidermal growth factor on rapid increase in DNA synthesis induced by, rat, 831

- Hepatic aberrations** in chronic pancreatitis: *correspondence*, 1581
Hepatic blood flow, estimation by duplex ultrasound, 92: *correspondence*, 1293
Hepatic parenchymal nerves, disappearance, in human liver cirrhosis, 87
see also Liver
Hepatitis
 alcoholic, ICALM-1/LFA-1 pathway, 268
 associated with amoxycillin-clavulanic acid combination, 15 cases, 368: *correspondence*, 1583
 autoimmune type 1, serum antibodies, reappraisal of hepatitis C virus infection, 1260
Hepatitis B
 chronic, antiviral effect of prolonged intermittent lymphoblastoid alpha interferon treatment, 1094
 and delta hepatitis, recurrence after orthotopic liver transplantation, 1390
 immunisation, strategies for: *leading article*, 576
 virus infection, intrahepatic, expression of pre-S1 and pre-S2 antigens in relation to replication and delta virus superinfection, 1544
Hepatitis C, chronic, recombinant interferon inducing sustained hypothyroidism: *case report*, 855
Hepatocellular carcinoma, primary and recurrent, different DNA changes: *case report*, 1433
Hepatocyte epidermal growth factor receptors, galactosamine induced hepatitis induces reduction, 954
Hepatocyte growth factor: *correspondence*, 286
Hereditary non-polyposis colorectal cancer, evolution, 783
Hirschsprung's disease, enterocolitis complicating, mucosal immune defence mechanisms, 801
Histiocytosis X, multifocal, causing gastric polyposis: *case report*, 994
HIV associated gastrointestinal symptoms, relevance of infective agents, 1080
HLA class II genes, in primary sclerosing cholangitis and chronic inflammatory bowel disease, 942
HLA-DR antigen, induction by mucosal cytokine, in inflammatory bowel disease, 315
HLA-DR expression, interferon-gamma induced, effects of salicylates and colchicine, 59
HLA-DRw52a, no association in Swedish patients with sclerosing cholangitis, 942
Hobsley, Michael, British Society of Gastroenterology, incoming President 1992-93, 1292
Hyaluronan, effect of intrajejunal elemental diet perfusion on jejunal secretion, 44
Hydrogen ion secretion, from gall bladder in vitro, 554
Hypercholesterolaemia, and colorectal carcinoma, association between, Irish population, 950
Hypergastrinaemia, caused by *H. pylori* infection, ammonia role, 1612
Hyperpepsinogenaemia I, caused by *H. pylori* infection, ammonia role, 1612
Hypervitaminosis A, risk in cystic fibrosis, 707
Hypochlorydria, fasting, with Gram positive gastric flora, highly prevalent in healthy old people, 1331
Hypothyroidism, sustained, induced by recombinant alpha interferon, in patients with chronic hepatitis C: *case report*, 855
Hysterectomy
 effect on anorectal and urethrovesical physiology, 264
 and irritable bowel syndrome, relation between, prospective study, 814

ICAM-1/LFA-1 pathway in alcoholic hepatitis, 268
Ileal mucosal absorption of bile acid, flux chamber technique, 490
Ileal ulcers, endoscopically visualized, in Crohn's disease after ileocolic resection, 331
Ileocolic resection, Crohn's disease after: *correspondence*, 1150
Ileocolonic biopsy homogenates, concentrations of 5-ASA and AC-5-ASA after oral 5-ASA preparations, 1338
Immunisation, against vasoactive intestinal polypeptide, effect on gastric corpus tone and motility, ferret, 1473
Immunoglobulin A nephropathy, and latent coeliac disease, 476
Immunoglobulin G
 IgG1 and IgG2 determinations from endoscopic biopsy specimens in control, Crohn's disease, and ulcerative colitis, 507
 subclass antibodies to variety of food antigens in coeliac disease, 632
 subclass distribution in serum and rectal mucosa of monozygotic twins with or without IBD, 1358
Immunoglobulin M, preponderance from blood lymphocytes in response to infantile rotavirus gastroenteritis, 639
Immunoglobulins, effect of intrajejunal elemental diet perfusion on jejunal secretion, 44
Immunoreactivity of transforming growth factor alpha, in normal adult gastrointestinal tract, 628
Immunosenescence and mucosal immunity, significant effects of old age on secretory IgA concentrations and intraepithelial lymphocyte counts, 882
Indomethacin
 decreases jejunal fluid secretion in addition to luminal release of PGE2 in acute cholera, 643
 induced gastric damage, mucosal adaptation, 164
Infections, gut, molecular biology: *leading article*, 1441
Inflammatory bowel disease
 active, plasma polyunsaturated fatty acid pattern, 1365
 acute phase response, and peripheral blood monocyte cytokine production, 773
 anti-neutrophil antibodies, 668
 antibody to yeast, monozygotic twins, 909
 antigen induced suppression in peripheral blood and lamina propria mononuclear cells, 324
 circulating von Willebrand factor, 502
 clinical significance of antibodies against neutrophils, 657
 colonic mucosal biopsies, coculture to investigate eicosanoid release, 1644
 cytokine production, 933
 cytokines in mucosal biopsies, 55
 detection of mRNAs for macrophage products, 1214
 evidence against autoimmune aetiology: *correspondence*, 1008
 gut mucosal protein synthesis in NSAID model, 242
 HLA class II genes, 942
 increased in vitro release of soluble interleukin 2 receptor, 236
 inhibition of binding of interferon-gamma to its receptor by salicylates, 1353
 monozygotic twins with or without, IgG subclass distribution in serum and rectal mucosa, 1358
 mucosal cytokine induction of epithelial HLA-DR antigen, 315
 new forms of treatment: *leading article*, 1301
 raised serum activity of phospholipase A2 immunochemically related to group II enzyme, 914
 virulence properties of *E. coli* strains isolated from patients, 646
Inflammatory fibroid polyps, multiple and recurrent, Devon family ('Devon polyposis syndrome'), update: *case report*, 1004
Integrin adhesion molecules, diminished expression on colonic epithelial cells during benign to malign tumour transformation, 342
Intercellular adhesion molecule, *see* ICAM
Interferon-alpha production by human intestinal mononuclear cells, response to virus in control subjects and Crohn's disease, 897
Interferon-gamma
 inhibition of binding to its receptor by salicylates used in IBD, 1353
 mucosal production in coeliac disease, immunohistochemical analysis, 1482
Interleukin-1, colonic generation, effect of aminophenols (5-ASA and 4-ASA), 929
Interleukin-2
 receptor, increased in vitro release in IBD, 236
 in reversion of defective NK activity in ulcerative colitis, 246
Interleukin-6, C-reactive protein and phospholipase A compared, in acute pancreatitis, 1264
Interleukin receptors, 1-beta, 2, and soluble 2, increased concentrations in mucosa in inflammatory bowel disease, 55
Intestinal absorption, effect of total parenteral nutrition, rats, 484
Intestinal defences, and cigarette smoking: *leading article*, 721
Intestinal hypersecretion of refed starved rat, alimentary diarrhoea model, 1050
Intestinal ischaemia, acute, determination of critical level of tissue oxygenation, 762
Intestinal metaplasia
 and *Helicobacter pylori*, endoscopic biopsic study of gastric antrum, 16 subtypes, and *H. pylori*, 597
Intestinal permeability, increased, in ankylosing spondylitis: *correspondence*, 1150
Intestinal phase, superior mesenteric artery blood flow, 497: *correspondence*, 1583
Intestinal smooth muscle dysfunction, after intraperitoneal injection of zymosan, involvement of oxygen radicals, rat, 336
Intracerebroventricular neuropeptide Y, stimulates bile secretion via vagal mechanism, 1562
Intrahepatic termination of left gastric vein, angiographic demonstration, venous anomaly: *case report*, 565
Irish population, association between hypercholesterolaemia and colorectal carcinoma, 950
Irritable bowel syndrome
 first time and chronic attenders compared, outpatients, 361
 and hysterectomy, relation between, prospective study, 814
 non-colonic symptomatology, diagnostic value: *correspondence*, 424
 stressful life events, and bowel symptoms, 825
Ischaemia, acute intestinal, determination of critical level of tissue oxygenation, 762
Islet cell tumour, endoscopic ultrasound for localisation, 108
Ispaghula husk, effect on stimulation of entire colon in diverticular disease, 352
Ispaghula and wheat bran compared, caecal and colonic fermentation, rat, 1229

Jarisch-Herxheimer reaction, retinal, complicating Whipple's disease: *case report*, 132
Jeunoileal bypass, differentiation status of enterocytes after intestinal adaptation, rat, 1638

- Jejunostomy**, oral salt supplements, three methods compared, 759
Jejunum (jejunal)
diaphragm disease, NSAID-induced: *case report*, 1424
effect of cholera toxin, 1174
- Ketotifen** effectively prevents mucosal damage in experimental colitis, 1498
- Lactulose**, caecal, installation at surgery, portal and peripheral blood short chain fatty acid concentrations, 1249
Lamina propria
antigen-induced suppression, in inflammatory bowel disease, 324
mononuclear cells, and production of epithelial cell growth factors, 39
Large bowel, *see* Rectal
Large granular lymphocytes, and NK cells in epithelium, distinguishes abortive and permanent coeliac disease, 767
Laser palliation; for malignant dysphagia, radiation enhancement, pilot study, 1597
Left gastric vein, intrahepatic termination, angiographic demonstration, venous anomaly: *case report*, 565
Leiomyosarcoma of small intestine, presenting as fever of unknown origin: *case report*, 411
Leukotriene B4 synthesis
colorectal, in inflammatory bowel disease, effects of BWA4C, 513
and modulation of cellular phospholipid fatty acids in human CaCo-2 cell line, 622
Leukotriene C4, decrease by colloidal bismuth subcitrate, in duodenal ulcer disease, 159
Levamisole, in acute necrotising pancreatitis, 426 *abs*
Lipid infusion, effect on bile composition and lithogenicity in patients without cholesterol gall stones, 1400
Lithotripsy, extracorporeal shock wave, bile duct stones, single institution experience, 1416
Liver
disease, district general hospital remote from transplant centre, study of admissions and deaths, 1397
failure, acute, and portal hypertension, 965
fibrosis, in familial homozygous hypobetalipoproteinaemia, and vitamin supplementation: *case report*, 414
necrosis, submassive, piroxicam induced: *case report*, 1436
protein synthesis rates, stimulation by gastrointestinal pathologies, 976
transplantation, orthotopic, recurrence of hepatitis B and delta hepatitis after, 1390
see also Hepatic: Hepatitis
Lower gastrointestinal haemorrhage, caused by familial and idiopathic colonic varices: *case report*, 1285
Lymphangiectasia, intestinal, associated with angiofollicular lymph node hyperplasia: *case report*, 135
Lymphoblastoid alpha interferon, prolonged intermittent, in chronic hepatitis B, antiviral effect, 1094
Lymphocytes
counts, intraepithelial, effects of old age upon, 882
intraepithelial and lamina propria, CD2 and CD3 antigen induced T cell cytotoxicity, 1626
Lymphoid tissue lymphoma, gastric B-cell mucosa associated, 56 patients, 1307
Lysosomes, pancreatic, effects of ethanol, acetaldehyde and cholesteryl esters, 1099
- Macrophage subpopulations in pouchitis**: *correspondence*, 1008
Magnetic resonance imaging, in oncology: *leading article*, 1587
Major basic protein, release, and activated eosinophils in adult coeliac disease, 1190
Malabsorption and diarrhoea in giardiasis, multifactorial process: *leading article*, 295
Mesalazine
associated nephrogenic diabetes insipidus, presenting as weight loss: *case report*, 563
in quiescent colitis, renal function tests, 1348
Metals, concentrations in gastric juice in health and peptic ulcer disease, 1617
Methanogenesis, regulation, dietary sulphate role, large intestine, 1234
Metronidazole, reduces inflammation and blood loss in NSAID-induced enteropathy, 1204
Microsporidia, intestinal, two types, simultaneous infection in AIDS: *case report*, 418
Miglitol, effects on mouth to caecum transit time, 1246
Molecular biology
and coeliac disease: *leading article*, 573
and infections of the gut: *leading article*, 1441
Molecular revolution, coming your way soon: *leading article*, 1
Monoclonal antibodies, and coeliac disease, 1504
Motility, *see also* Gastric corpus tone and motility
Mr 40 000 human colonic epithelial protein expression, in colonic mucosa, tamarins, 48
- mRNAs**, detection for macrophage products in inflammatory bowel disease by *in situ* hybridisation, 1214
Mucin associated Tn and sialosyl-Tn antigen expression in colorectal polyps, 518
Mucins, gastric cancer, as clinical markers: *correspondence*, 1681
Mucosa associated lymphoid tissue lymphoma, low grade B cell, 1621
Mucosal adaptation to indomethacin induced gastric damage in man, 164
Mucosal cytokine, in inflammatory bowel disease, 315
Mucosal damage, in experimental colitis, ketotifen effectively prevents, 1498
Mucosal immune defence mechanisms, in enterocolitis complicating Hirschsprung's disease, 801
Mucosal immunity and immunosenescence, significant effects of old age on secretory IgA concentrations and intraepithelial lymphocyte counts, 882
Mucosal peptic activity during *H. pylori* infection, pediatric patients, 1162
Mucus glycoprotein biosynthesis in gall bladder, inhibition by aspirin, 1109
Multidrug resistance, and its reversal, in human pancreatic carcinoma cells, 428 *abs*
Multiple endocrine neoplasia type 1, influence on gastric endocrine cells in Zollinger-Ellison syndrome, 1275
Muscle tone, control in colon, 541
Mycobacterial diseases of the gut, impact from molecular biology: *leading article*, 145
Mycobacterium paratuberculosis
DNA in Crohn's disease tissue, 890
and *Mycobacterium avium* subsp. *silvaticum*, PCR detection in Crohn's disease, 1209
- Natural killer cells**
functional impairment in active ulcerative colitis, 246
and large granular lymphocytes in epithelium, distinguishes abortive and permanent coeliac disease, 767
Near infrared reflectance, measurement of nitrogen faecal losses, 749
Neuropeptide Y, intracerebroventricular, stimulates bile secretion via vagal mechanism, 1562
Neutrophils, antibodies against, clinical significance in inflammatory bowel disease and primary sclerosing cholangitis, 657
Nicardipine, effect on sphincter of Oddi, 550
Nitrogen faecal losses, NIRA measurement, 749
Nitrogen source, predigested, need in patients with moderately impaired gastrointestinal function requiring enteral nutrition, 877
Non-cardiac chest pain, cerebral potentials evoked by oesophageal distension, 298
Non-immunological defence mechanisms of the gut: *progress report*, 987
Non-steroidal anti-inflammatory drug(s)
-induced enteropathy, metronidazole reduces inflammation and blood loss, 1204
-induced gastric damage, mucosal adaptation, 164
-induced gastropathy, *H. pylori* a risk and severity factor, 1608
-induced jejunal and colonic diaphragm disease, report of two cases, 1424 as possible cause of collagenous colitis, 683
Notes, 288, 719, 864, 1008, 1152, 1296, 1440
- Octreotide**
in diabetic diarrhoea treatment: *case report*, 1578
does it protect against ERCP induced pancreatitis, 1129
and somatostatin combined, in management of massive upper gastrointestinal haemorrhage from multiple sites of peptic ulceration: *case report*, 404
- Oesophagus**
healing, oesophageal motor function before and after, 1590
prevalence in asthmatics, 872
Oesophagus (oesophageal)
acid clearance time, small amounts, 7
adenocarcinoma, oncogenes and onco-suppressor gene, 1033
balloon distension, and intravenous edrophonium, site and mechanism of pain perception, 580
Barrett's, adenocarcinoma, surgical treatment outcome, 1454
cancer
high incidence, Kashmir, diets, 11
residual tumour infiltration after medical treatment detected by endosonography, 1459
candidiasis, after omeprazole therapy: *case report*, 860
carcinoma, diagnosis, optimal number of biopsy specimens, 724
diseases, proliferating cell nuclear antigen, correlation with transforming growth factor alpha expression, 587
distension, evoking cerebral potentials, in non-cardiac chest pain, 298
dysmotility, non-achalasic, and achalasia, familial coexistence, evidence for common pathogenesis: *case report*, 1421
epidermal growth factor, 1448
epidermal growth factor receptors, 439
motor function, before and after oesophagitis healing, 1590
pH monitoring, pH probe positioning, 111
propulsive force, and its relation to manometric pressure, 727
squamous cell carcinoma, complicating achalasia of the oesophagus, 195 patients, 155

- strictures, in dystrophic epidermolysis bullosa: *correspondence*, 1152
transection and gastric devascularisation, *v* endoscopic sclerotherapy, in long term management of bleeding oesophageal varices, 1553
varices, bleeding, endoscopic sclerotherapy *v* oesophageal transection and gastric devascularisation in long term management, 1553
- Oestrogen-progesterone**, maintenance treatment in gastric antral vascular ectasia: *case report*, 715
- Olsalazine**, and sulphasalazine compared, in ulcerative colitis, 252
- omeprazole**
effects on neutrophil chemotaxis, super oxide production, degranulation, and translocation of cytochrome b-245, 617
oesophageal candidiasis after: *case report*, 860
versus ranitidine, in resistant duodenal ulcer: *correspondence*, 863
- Oncogenes** and onco-suppressor gene in oesophageal adenocarcinoma, 1033
- Oncology, MRI**: *leading article*, 1587
- Oral rehydration solution**, new hypotonic, water and solute absorption from, 1652
- Oral rehydration therapy**
two, effects of food with: *clinical trial*, 560
and water and solute absorption, 479
- Oral submucosal fibrosis**, preventable disease: *leading article*, 4
- Osteomalacia** after gastrectomy: *correspondence*, 1151
- Oxygen**, nasal, and reduction in cardiorespiratory problems, elderly patients undergoing ERCP, 973
- Pancreas**
importance of prostaglandins for cyclosporin A toxicity, 1572
papillary cystic neoplasm, 2 cases: *case report*, 421; *correspondence*, 1152
tail and body, carcinoma, resection, 428 *abs*
- Pancreatic adaptation**
to massive enterectomy, role of cholecystokinin, 959
to proximal small bowel resection, abolished by CCK antagonist CR-1409, 427 *abs*
- Pancreatic carcinogenesis**, experimental, duodenogastric reflux enhancing, 428 *abs*
- Pancreatic carcinoma**
allele loss on chromosomes 1 and 11, 428 *abs*
cells, multidrug resistance and its reversal, 428 *abs*
- Pancreatic duct cells**, differentiation, 427 *abs*
- Pancreatic hyperplasia and neoplasia**, epidermal growth factor, autocrine loop, 427 *abs*
- Pancreatic necrosis**
and haemorrhagic pancreatitis, relationship between, 426 *abs*
with or without infection, financial cost of management, 427 *abs*
- Pancreatic sphincterotomy and sphincteroplasty**: *leading article*, 865
- Pancreatic stones**, in chronic pancreatitis and pain, extracorporeal lithotripsy, 969
- Pancreatic surgery**, not pancreatitis, is primary cause of diabetes after acute fulminant pancreatitis, 843
- Pancreatic transplants**, and recurrent diabetes, immunohistological phenomena associated, 427 *abs*
- Pancreatitis**
acute
complicating Crohn's disease, mere coincidence or causality: *case report*, 12898
effective peritoneal therapy with glutaryl-trialanin-ethylamide, rat, 701
interleukin-6 compared with C-reactive protein and phospholipase A, 1264
rationale for low dose dopamine, 426 *abs*
relation of diagnostic serum amylase levels to aetiology and severity, 982
role of platelet activating factor in pathogenesis, rats, 1268
T-helper cell population, endotoxin antibody concentrations and interleukin-6, 426 *abs*
acute necrotising
and ERP, possible diagnostic role, 426, *abs*
levamisole in, 426 *abs*
ascaris, fatal, uncommon in west: *case report*, 402
chronic
hepatitis aberrations: *correspondence*, 1581
minimal change, 1566
- ERCP induced, does octreotide protect against, 1129
- haemorrhagic, and development of pancreatic necrosis, relationship between, 426 *abs*
- severe acute, endotoxaemia and serum tumour necrosis factor as prognostic markers, 1126
- Papillary cystic neoplasm of pancreas**, 2 cases: *case report*, 421; *correspondence*, 1152
- Paracetamol induced fulminant hepatic failure**, factor V and VIII/V ratio as outcome predictors, 98
- Paraneoplastic chronic intestinal pseudoobstruction** as rare complication of bronchial carcinoid: *case report*, 1000
- Pepsinogens**, serum, influence of age and *H. pylori* infection, 452; *correspondence*, 1680
- Peptic ulcer**
disease
absence of antibodies stimulating H2-receptor mediated cAMP production: *correspondence*, 424
concentrations of metals in gastric juice, 1617
dyspepsia, and *H. pylori*, randomly selected population, India, 1462
H. pylori, present position: *leading article*, 289; *correspondence*, 1293
haemorrhage, endoscopic injection therapy and heater probe compared, 1159
massive haemorrhage, management with somatostatin and octreotide: *case report*, 404
- Peptide tyrosine-tyrosine**, release after bolus doses of fat, 218
- Percutaneous endoscopic gastrostomy feeding tube**, as part of integrated approach to enteral feeding, assessment, 613
- Peripheral blood mononuclear cells**, antigen-induced suppression, in inflammatory bowel disease, 324
- Peritonitis**, spontaneous bacterial, activation of complement pathway, 307
- Permeability**, pulmonary and intestinal, increased, in Crohn's disease, 678
- Peru, ecology of *H. pylori*, 604
- Peyer's patches**, distribution of somatostatin-immunoreactive nerve fibres, 1195
- pH probe**, positioning, oesophageal pH monitoring, 111
- Phospholipase A2**, raised serum activity immunochemically related to group II enzyme, in inflammatory bowel disease, 914
- Phospholipase A**, C-reactive protein and interleukin-6 compared, in acute pancreatitis, 1264
- Piroxicam** induced submassive necrosis of the liver: *case report*, 1436
- Platelet activating factor**
raised concentrations in colonic mucosa, Crohn's disease, 1220
role in endothelin-induced gastric mucosal damage, 868
role in pathogenesis of acute pancreatitis, rats, 1268
- Polymerase chain reaction**
detection of *M. paratuberculosis* and *M. avium* subsp. *silvaticum*, Crohn's disease, 1209
in gastroenterology: *leading article*, 1
and infections of the gut: *leading article*, 1441
- Polymorphonuclear leucocytes and monocytes**, chemotactic activity of *H. pylori* sonicate, 738
- Polyoid 'carcinosarcoma'**, oesophageal, giant, palliative removal by YAG laser photocoagulation of the tumour stalk: *case report*, 1146
- Polyposis**, gastric, caused by multifocal histiocytosis X: *case report*, 994
- Polyposis coli**, proliferation in gastrointestinal epithelium, using BrdUrd, 524; *correspondence*, 1583
- Polyps**, inflammatory fibroid, multiple and recurrent, Devon family ('Devon polyposis syndrome'), update: *case report*, 1004
- Polyunsaturated fatty acid**, plasma, pattern in active IBD, 1365
- Portal haemodynamics**, in cirrhosis, postprandial changes, 364
- Portal hypertension**
in acute liver failure, 965
experimental, and taurocholate induced gastric mucosal injuries, 170
plasma concentrations of endogenous heparinoids, 1549
- Portal vein occlusion**, non-invasive diagnosis by radionuclide angiography, 1671
- Postprandial abdominal pain**, duplex Doppler ultrasound in assessment, 460
- Pouchitis**, macrophage subpopulations: *correspondence*, 1008
- Prednisolone** and 4-aminosalicylic acid enemas, in distal ulcerative colitis, double blind, controlled trial, 947
- Presidential review** of year's activity 1990-91, British Society of Gastroenterology, 569
- Proctocolitis**, ulcerative, epidemiology, Indian migrants and indigenous population of Leicestershire, 687
- Proliferating cell nuclear antigen**, in oesophageal diseases, correlation with transforming growth factor alpha expression, 587
- Proliferation**, cell, in human rectal mucosa and a colon cancer cell line, vitamin D and its metabolites inhibit, 1660
- Prostaglandin**, gastric cytoprotection in rats receiving absolute ethanol orally, 444
- Prostaglandin E2**
increased luminal release in cholera, effect of indomethacin, 643
and mucosal adaptation to indomethacin induced gastric damage, 164
- Prostaglandins**
in duodenal ulcer disease, 159
importance for cyclosporin A toxicity to rat pancreas, 1572
- Protein synthesis**
gut, NSAID model of IBD, 242
rates, in colon and liver, stimulation by gastrointestinal pathologies, 976
- Pseudoobstruction**, chronic idiopathic intestinal, children, gastric antral dysrhythmias, 1477
- Pseudosclerosing cholangitis**, in extrahepatic portal venous obstruction, 272
- Psyllium**, and echographic gastric emptying and appetite correlation, 1042
- Pyloric motility**, relation to pyloric opening and closure, healthy subjects, 466
- Radiation** enhancement of laser palliation for malignant dysphagia, pilot study, 1597

- Radionuclide angiography**, non-invasive diagnosis of portal vein occlusion, 1671
- Ranitidine**
in duodenal ulcer healing, changes in nocturnal and peak acid outputs after, 175
versus omeprazole, in-resistant duodenal ulcer: *correspondence*, 863
- Reactive oxygen metabolite production**, mucosal, in duodenal ulcer disease, 1467
- Recombinant alpha interferon**, in chronic hepatitis C, inducing sustained hypothyroidism: *case report*, 855
- Rectal endosonography**: *leading article*, 148
- Rectal lymphoma**, after colectomy for ulcerative colitis: *case report*, 138
- Rectal motor activity**: *correspondence*, 1149
- Rectal mucosa**, vitamin D and its metabolites inhibit cell proliferation, 1660
- Rectal polyps**, malignant, epidemiology, management and prognosis, 259
- Renal failure**, sulphasalazine induced: *case report*, 1006
- Renal function**, tests in quiescent colitis, drug treatment effects, 1348
- Renal stones**, incident increase, and colonic preservation, 1493
- Rotaviral gastroenteritis**, acute, and gastric emptying of liquid, children, 26
- Rotavirus gastroenteritis**, infantile, preponderance of IgM from blood lymphocytes in response, 639
- Saccharomyces cerevisiae** antibodies in Crohn's disease, importance, 1071
- Salicylates**, in inflammatory bowel disease, impair interferon-gamma induced HLA-DR expression, 59
- Salt**
low excretion, relation to raised urea clearance in cirrhotic patients with high uric acid clearance, 1105
oral supplements, to compensate for jejunostomy losses, three methods compared, 759
- Sclerosing cholangitis**
associated with multifocal fibrosis: *case report*, 1430
and biliary tract calculi, primary or secondary?, 1376
HLA class II genes, 942
no HLA-DRw52a association, Swedish patients, 942
primary
clinical significance of antibodies against neutrophils, 657
prevalence of anti-neutrophil antibody, using alkaline phosphatase technique, 1370
- Sclerotherapy**, urgent, in cirrhosis with bleeding varices, and early mortality, 1381
- Secretory IgA concentrations**, effects of old age upon, 882
- Septicaemia** after colonoscopy in cirrhosis: *correspondence*, 718
- Short bowel**, gall stone prevalence, 1493
- Short chain fatty acid**, portal and peripheral blood concentrations, after caecal lactulose instillation at surgery, 1249
- Sialosyl-Tn antigen** and mucin associated Tn expression in colorectal polyps, 518
- Small bowel enteroscopy**, in undiagnosed gastrointestinal blood loss, 887
- Small bowel haemorrhage**, due to cytomegalovirus vasculitis: *correspondence*, 862
- Small intestinal epithelium**, gliadin induced changes in expression of MHC-class II antigens by, 472
- Small intestinal mucosa**, proximal, *Cryptosporidium*, and chronic diarrhoea, 1057
- Small intestine**, structure
effect of bolus doses of fat, 218
effect of dietary fat, 224
- Smoking**
cigarette, and intestinal defences: *leading article*, 721
in Crohn's disease, effect on localisation and clinical course, 779
- Somatostatin analogue**, octreotide, in diabetic diarrhoea treatment: *case report*, 1578
- Somatostatin-immunoreactive nerve fibres**, distribution in Peyer's patches, 1195
- Somatostatin and octreotide combined**, in management of massive upper gastrointestinal haemorrhage from multiple sites of peptic ulceration: *case report*, 404
- Sphincter of Oddi**, effect of nicardipine and ceruletid, 550
- Sphincterotomy and sphincteroplasty**, pancreatic: *leading article*, 865
- Splenic function**, in alcoholic liver disease, 1386
- Squamous epithelium**, proliferation in columnar lined Barrett's oesophagus, 733
- Stool form**, and defecation frequency and timing, general population, 818
- Stressful life events**, bowel symptoms, and irritable bowel syndrome, 825
- Submucosal fibrosis**, oral, preventable disease: *leading article*, 4
- Sucralfate**, in duodenal ulcer healing, changes in nocturnal and peak acid outputs after, 175
- Sulphasalazine**
induced renal failure: *case report*, 1006
and olsalazine compared, in ulcerative colitis, 252
in ulcerative colitis: *correspondence*, 1582
- Sulphate**, dietary, role in methanogenesis regulation, large intestine, 1234
- Superior mesenteric artery blood flow**, intestinal phase, 497: *correspondence*, 1583
- Supraconal spinal cord lesions**, anorectal function, 1532
- Sweat test**, in detection of subclinical autonomic neuropathy in constipated patients, 1539
- Systemic amyloidosis**, primary, duodenal perforation: *case report*, 997
- T cells**
gamma/delta, increase in dermatitis herpetiformis, 206
lamina propria, activation, inducing crypt epithelial proliferation and goblet cell depletion, 230
- T-helper cell population**, endotoxin antibody concentrations and interleukin-6, in acute pancreatitis, 426 *abs*
- Taurocholate induced gastric mucosal injuries**, in experimental portal hypertension, 170
- Thrombin** and ethanolamine oleate, bleeding duodenal ulcer treatment, 456
- Thrombotic thrombocytopenic purpura**, mimicking acute small bowel Crohn's disease: *case report*, 857
- Tinidazole** and amoxycillin treatment, *H.pylori* positive children, 18 month follow up, 1328
- Tissue oxygenation**, determination of critical level, in acute intestinal ischaemia, 762
- Total parenteral nutrition**
effect on intestinal absorption, rats, 484
glycine nitrogen, two prospective clinical trials, 848
- Transforming growth factor alpha**
expression, and proliferating cell nuclear antigen in oesophageal diseases, 587
immunoreactivity in normal adult gastrointestinal tract, 628
- Transit**, nutrient, human upper intestinal, modulation by beta adrenoreceptor mediated pathway, 1062
- Tuberculosis**
abdominal, Indian migrants and indigenous population, Leicester, 1972-1989, epidemiology, 1085
colonic, colonoscopic study of 50 patients, 347
- Tumour necrosis factor**, serum, and endotoxaemia, as prognostic markers in severe acute pancreatitis, 1126
- Tumour necrosis factor-alpha secretion**, in leporine endotoxaemia, 694
- Ulcerative colitis**
active distal, oral fluticasone propionate: *clinical trial*, 711
benign and malignant colorectal strictures, 938
chronic, dextran-induced, dysplasia and adenocarcinoma after, hamsters, 1521
complicated by Wenckebach atrioventricular block: *case report*, 1427
and Crohn's disease, surface epithelium related activation of complement differs, 902
developing after amoebic dysentery in haemophiliac with AIDS: *case report*, 408
distal, 4-aminosalicylic acid and prednisolone enemas, double blind, controlled trial, 947
DNA aneuploidy, 663
functional impairment of NK cells, 246
IgG, IgG1 and IgG2, endoscopic biopsy determinations, 507
incidence, Cardiff, 1968-87, 256
increased expression of *C-myc* proto-oncogene in biopsies, 651
prevalence of anti-neutrophil antibody, using alkaline phosphatase technique, 1370
prophylaxis, olsalazine and sulphasalazine compared, 252
rectal lymphoma after colectomy: *case report*, 138
sulphasalazine: *correspondence*, 1582
treatment with fish oil supplementation, 922
- Ulcerative proctocolitis**, epidemiology, Indian migrants and indigenous population of Leicestershire, 687
- Ultrarapid urease test**: *correspondence*, 1439
- Upper abdominal pain**, chronic, site and radiation in various structural and functional disorders and effect of various foods, 743
- Upper gastrointestinal haemorrhage** from multiple sites of peptic ulceration, management with somatostatin and octreotide: *case report*, 404
- Urea**, raised clearance in cirrhotic patients with high uric acid clearance is related to low salt excretion, 1105
- Urease test**, ultrarapid: *correspondence*, 1439
- Ursodeoxycholic and chenodeoxycholic acids combination therapy**, value of pretreatment CT, 375
- Varices**, bleeding, in the elderly: *leading article*, 1009
- Vasoactive intestinal polypeptide**, immunisation against, effect on gastric corpus tone and motility, 1473
- Vitamin A**
absorption, in cystic fibrosis, risk of hypervitaminosis A, 707
deficiency, and colonic electrogenic absorption and secretion, rat, 794
- Vitamin D** and its metabolites inhibit cell proliferation in human rectal mucosa and a colon cancer cell line, 1660
- von Willebrand factor**, circulating, in inflammatory bowel disease, 502

- Water and solute absorption** from hypotonic glucose-electrolyte solutions, human jejunum, 479
- Watermelon stomach**, *see* Gastric antral vascular ectasia
- Weight loss**, mesalazine associated nephrogenic diabetes insipidus presenting as: *case report*, 563
- Wenckebach atrioventricular block**, complicating ulcerative colitis: *case report*, 1427
- Wheat bran** and ispaghula compared, caecal and colonic fermentation, rat, 1229
- Whipple's disease**, complicated by retinal Jarisch-Herxheimer reaction: *case report*, 132
- Whole body protein turnover**, in childhood Crohn's disease, 675
- YAG laser photocoagulation** of tumour stalk, for palliative removal of giant polypoid oesophageal 'carcinosarcoma': *case report*, 1146
- Yeast**, antibody to, in monozygotic twins with inflammatory bowel disease, 909
- Zollinger-Ellison syndrome**, influence of multiple endocrine neoplasia type 1 on gastric endocrine cells, 1275
- Zymosan**, intraperitoneal injection, followed by intestinal smooth muscle dysfunction, involvement of oxygen radicals, rat, 336

AUTHOR INDEX – MAIN HEADINGS, 1992

- ABAD-LACRUZ A *see* ESTEVE-COMAS M *et al*
 ABREU L *see* MANZANO L *et al*
 ACHARYA M *see* TULASSAY Z *et al*
 ADAMOPOULOS A *see* SINGH P *et al*
 ADAMS D H *see* BURRA P *et al*
 ADENIS A, COLOMBEL J-F, LECOUFFE P, WALLAERT B, HECQUET B, MARCHANDISE X, CORTOT A: Increased pulmonary and intestinal permeability in Crohn's disease, 678
 ADLER M *see* LE MOINE O *et al*
 AFDHAL N *see* O'BRIEN S *et al*
 AHMED A, SALMON P R, CAIRNS C R, HOBSLEY M, HOULT J R S: Eicosanoid synthesis in duodenal ulcer disease: decrease in leukotriene C₄ by colloidal bismuth subcitrate, 159
 AHMED Q *see* LEE J A *et al*
 AHMED T *see* ALAM N H *et al*
 AINLEY C *see* ODERDA G *et al*
 AINLEY C A *see* CHESLYN-CURTIS S *et al*
 AL-ASHHAB W *see* HICK D G *et al*
 AL-DAWOOD A, NAKSHABENDI I, FOULIS A, MOWAT A McI: Immunohistochemical analysis of mucosal gamma-interferon production in coeliac disease, 1482
 ALAM N H, AHMED T, KHATUN M, MOLLA A M: Effects of food with two oral rehydration therapies: a randomised controlled clinical trial, 560
 ALBERT V, YOUNG G P: Differentiation status of rat enterocytes after intestinal adaptation to jejunileal bypass, 1638
 ALDERSON D, COLLINS C M P, LAI T, MORGAN A P, STONE-BRIDGE B R, SYMES M O: Multidrug resistance and its reversal in human pancreatic carcinoma cells, 428 *abs*
 ALEXANDER D *see* CURLEY P *et al*
 ALEXANDER G *see* BIRD G *et al*
 ALEXANDER L *see* RUSSELL C O H *et al*
 ALI H H *see* HABOUBI N Y *et al*
 ALISON M R *see* THOMAS D M *et al*
 WATANAPA P *et al*
 ALLAN R N *see* DWARAKANATH A D *et al*
 ALLEN A *see* RHODES M *et al*
 ALLEN A M, OATES P S: Measuring total plasma amino acid concentrations as a test of exocrine pancreatic function, 392
 ALLIBONE R O, NANSON J K, ANTHONY P P: Multiple and recurrent inflammatory fibroid polyps in a Devon family ('Devon polyposis syndrome'): and update: *case report*, 1004
 ALTARE F *see* ODERDA G *et al*
 ALTOMARE D, PILOT M-A, SCOTT M, WILLIAMS N, RUBINO M, ILINCIC L, WALDRON D: Detection of subclinical autonomic neuropathy in constipated patients using a sweat test, 1539
 ALVAREZ-MON M *see* MANZANO L *et al*
 AMOOAH J, WILLIAMS C, LONG R G: Calmodulin content and activity in normal and coeliac duodenum, 303
 AMORE A *see* SATEGNA-GUIDETTI C *et al*
 ANDERSEN C B *see* BRYNSKOV J *et al*
 ANDERSEN L P *see* NIELSEN J and ANDERSEN L P
 ANDERSEN S N *see* HELGELAND L *et al*
 ANDERSON J R *see* TRIGER D R *et al*
 ANDREWS K *see* WICKS C *et al*
 ANGELI P *see* MERKEL C *et al*
 ANGERSON W J
 GERAGHTY J G, CARTER D C: Taurocholate induced gastric mucosal injuries in experimental portal hypertension, 170
 see also LEEN E *et al*
 ANGGIANSAH A, BRIGHT N, McCULLAGH M, SUMBOONNA-NONDA K, OWEN W J: Alternative method of positioning the pH probe for oesophageal pH monitoring, 111
 ANGUS P, SNOOK J A, REID M, JEWELL D P: Oral fluticasone propionate in active distal ulcerative colitis: *clinical trial*, 711
 ANSALDI N *see* ODERDA G *et al*
 ANTEBI E *see* RUBIN M *et al*
 ANTHONY P P *see* ALLIBONE R O *et al*
 ANVARI M *see* TOUGAS G *et al*
 APPELMAN H D *see* LUCEY M R *et al*
 APTE M V *see* WILSON J S *et al*
 AREND'S J W *see* LOFFELD R J L F *et al*
 ARNASON J A, GUDJÓNSSON H, FREYSDÓTTIR J, JÓNSDÓTTIR I, VALDIMARSSON H: Do adults with high gliadin antibody concentrations have subclinical gluten intolerance?, 194
 ARONSON J K *see* CROTTY B *et al*
 ARRANZ E, O'MAHONY S, BARTON J R, FERGUSON A: Immuno-senescence and mucosal immunity: significant effects of old age on secretory IgA concentrations and intraepithelial lymphocyte counts, 882
 ARTHUR M J P *see* IREDALE J P *et al*
 ARVEUX P *see* CHANTERAU M J *et al*
 ARVILOMMI H *see* KAILA M *et al*
 SUOMALAINEN H *et al*
 ARVIND A S *see* O'DONNELL L J D *et al*
 ATKINSON M *see* IFTIKHAR S Y *et al*
 ATTARD A R *see* NWOKOLO C U *et al*
 AUBERT A *see* NAVEAU S *et al*
 AUER I O *see* RUTHLEIN J *et al*
 AURICCHIO S *see* FAIS S *et al*
 AXON A T R *see* SUE-LING H M *et al*
 THORNTON J R *et al*
 BABANY G *see* LARREY D *et al*
 BADGER I L R, TOWNSEND P, BUCKELS J A C: Tumour necrosis factor alpha secretion in leporine endotoxaemia: role of the liver and effects of hepatic ischaemia, 694
 BAKER L *see* TOVEY F I *et al*
 BAKER P R *see* IMRAY C H E *et al*
 BALLARDINI G *see* CASSANI F *et al*
 BALLINGER A, FARTHING M J G: Ulcerative colitis complicated by Wenckebach atrioventricular block: *case report*, 1427
 BAÑARES R *see* NAVASA M *et al*
 BANDAY M A *see* KHUROO M S *et al*
 BANERJEE A K, MARWAY J S, PREEDY V R, PETERS T J: Studies of gut mucosal protein synthesis in a non-steroidal anti-inflammatory drug (NSAID) model of inflammatory bowel disease, 242
 BANKS R *see* CURLEY P *et al*
 BÄR W *see* WAGNER S *et al*
 BARBARA L *see* GIONCHETTI P *et al*
 STANGHELLINI V *et al*
 BARBIER F *see* DE VOS M *et al*
 BARCLAY G R *see* CURLEY P *et al*
 BARDELLI E *see* BENINI L *et al*
 BARDET P *see* MARCELLIN P *et al*
 BARDHAN P K, SALAM M A, MOLLA A M: Gastric emptying of liquid in children suffering from acute rotaviral gastroenteritis, 26
 BARKER G *see* IMRAY C H E *et al*
 BARON J H *see* GOMPERTZ R H K *et al*
 BARSOUM G H, THOMPSON H, NEOPTOLEMOS J P, KEIGHLEY M R B: Dietary calcium does not reduce experimental colorectal carcinogenesis after small bowel resection despite reducing cellular proliferation, 1515
 BARTON C M *see* LEMOINE N R *et al*
 BARTON J R *see* ARRANZ E *et al*
 BARTRAM C I *see* NIGHTINGALE J M D *et al*
 BASSENDINE M F *see* DAY C P and BASSENDINE M F
 BASSOTTI G, BETTI C, Fusaro C, PELLI M A, MORELLI A: Rectal motor activity: *correspondence*, 1149
 BAST A *see* VAN DER VLIET A *et al*
 BATES T, HARRISON M, LOWE D, LAWSON C, PADLEY N: Longitudinal study of gall stone prevalence at necropsy, 103
 BATT R M *see* EMBAYE H *et al*
 HALL E J and BATT R M
 BAUMER Ph, DANQUECHIN DORVAL E, BERTRAND J, VETEL J M, SCHWARTZ J C, LECOMTE J M: Effects of acetylphorin, an enkephalinase inhibitor, on experimental and acute diarrhoea, 753
 BEARDSHALL K, MOSS S, GILL J, LEVI S, GHOSH P, PLAYFORD R J, CALAM J: Suppression of *Helicobacter pylori* reduces gastrin releasing peptide stimulated gastrin release in duodenal ulcer patients, 601
 BECKERS E J, LEIPER J B, DAVIDSON J: Comparison of aspiration and scintigraphic techniques for the measurement of gastric emptying rates of liquids in humans, 115
 BEDENNE L *see* CHANTERAU M J *et al*
 BEDOSSA P *see* NAVEAU S *et al*
 BEGLINGER C *see* JANSSEN H L A *et al*
 SIEBER C *et al*
 WERTH B *et al*
 BELL N J V, HUNT R J: Role of gastric acid suppression in the treatment of gastro-oesophageal reflux disease, 118
 BELLON S *see* MERKEL C *et al*
 BELLUZZI A *see* GIONCHETTI P *et al*
 HAWTHORNE A B *et al*
 BENHAMOU J P *see* LARREY D *et al*
 MARCELLIN P *et al*
 BENINI L, CALIARI S, BONFANTE F, GUIDI G C, BRENTEGANI M T, CASTELLANI G, SEMBENINI C, BARDELLI E, VANTINI I: Near infrared reflectance measurement of nitrogen faecal losses, 749
 BENNETT J R: Oesophageal strictures in dystrophic epidermolysis bullosa: *correspondence reply*, 1152
 Presidential review of the year's activity 1991-91: British Society of Gastroenterology, 1678

- BENVENISTE J *see* SOBHANI I *et al*
 BERG P A *see* SEIBOLD F *et al*
 BERGHAMMER G *see* SCHINDLEBECK N E *et al*
 BERGMANN C H *see* SAREM-ASLANI A *et al*
 BERGMANN J F, CHASSANY O, PETIT A, TRIKI R, CAULIN C,
 SEGRESTAA J M: Correlation between echographic gastric emptying
 and appetite:influence of psyllium, 1042
 BERGS C *see* ULLRICH R *et al*
 BERK L *see* JANSEN H L A *et al*
 BERNSTEIN C N: Osteomalacia after gastrectomy: *correspondence*, 1151
 BERTINELLI E *see* GIONCHETTI P *et al*
 BERTRAND J *see* BAUMER Ph *et al*
 BETTI C *see* BASSOTTI G *et al*
 BEUBLER E *see* PETRITSCH W *et al*
 BHASIN D K *see* LAL N *et al*
 BIANCHI F B *see* CASSANI F *et al*
 BIANCO S *see* MERKEL C *et al*
 BIBBEY D *see* HAINES D J *et al*
 BICKLEY J *see* NWOKOLO C U *et al*
 BIEMOND I *see* VEENENDAAL R A *et al*
 BINMOELLER K F, HARRIS A G, DUMAS R, GRIMALDI C,
 DELMONT J P: Does the somatostatin analogue octreotide protect
 against ERCP induced pancreatitis?, 1129
 BINNIE N R *see* PAPACHRYSTOMOU M *et al*
 BIRCH N J *see* HOSIE K B *et al*
 BIRD G, SENALDI G, PANOS M, ROLANDO N, ALEXANDER G,
 VERGANI D, WILLIAMS R: Activation of the classical complement
 pathway in spontaneous bacterial peritonitis, 307
 BISBALLE S *see* ERIKSEN E F *et al*
 BISHOP A E *see* ESCRIG C *et al*
 BISSET W M *see* DEVANE S P *et al*
 BJARNASON I
 HAYLLAR J, SMETHURST P, PRICE A, GUMPEL M J:
 Metronidazole reduces intestinal inflammation and blood loss in non-
 steroidal anti-inflammatory drug induced enteropathy, 1204
 see also MACPHERSON A J S *et al*; TEAHON K *et al*
 BLACHE D *see* SCOAZEC J-Y *et al*
 BLACKMAN G *see* SARGEANT I R *et al*
 BLAIR G E *see* HOWDLE P D and BLAIR G E
 BLAKE D R *see* DAVIES G R *et al*
 BLANSHARD C, HOLLISTER W S, PEACOCK C S, TOVEY D G,
 ELLIS D S, CANNING E U, GAZZARD B G: Simultaneous infection
 with two types of intestinal microsporidia in a patient with AIDS: *case*
 report, 418
 BLAZQUEZ M, HAIOUN C, CHAUMETTE M-T, GAULARD P,
 REYES F, SOULÉ J-C, DELCHIER J-C: Low grade B cell mucosa
 associated lymphoid tissue lymphoma of the stomach: clinical and
 endoscopic features, treatment, and outcome, 1621
 BLOK P *see* CRAANEN M E *et al*
 BLOOM E J *see* ITZKOWITZ S H *et al*
 BLOOM S R *see* ESCRIG C *et al*
 JENKINS A P *et al*
 BLUMGART L H *see* MADDERN G J *et al*
 BODEMAR G *see* OLAISSON G *et al*
 BOECKL O *see* MEISER G *et al*
 BOESBY S *see* WALLIN L and BOESBY S
 BOGAERT M *see* DE VOS M *et al*
 BOIRIVANT M *see* CAPOBIANCHI M R *et al*
 BOIX J *see* ESTEVE-COMAS M *et al*
 BOK B *see* MARCELLIN P *et al*
 BOLOGNESI M *see* MERKEL C *et al*
 BONFANTE F *see* BENINI L *et al*
 BONFILS S *see* LEHY T *et al*
 BONIFACE B *see* MANOURY V *et al*
 BOOK REVIEWS
 BEYNON J, FEIFEL G, HILDEBRANDT U, MORTENSEN N H
 McC: An atlas of rectal endosonography, 1991, 718
 BIERSACK H J, COX P J, *editors*: Nuclear medicine in gastroenterology,
 1991, 1439
 COTTON P B, TYTGAT G N J, WILLIAMS C B, *editors*: Annual of
 gastrointestinal endoscopy, 1991, 863
 FARMAN J: Gastrointestinal radiology, 1439
 FIELD M: Diarrhoeal diseases, 1991, 863
 GITNICK G: Inflammatory bowel disease - diagnosis and treatment, 1991,
 425
 GITNICK G, *editor*: Current gastroenterology, vol 11, 1991, 1294
 GUSTAVSSON S, KUMAR D, GRAHAM D Y, *editors*: The stomach,
 1991, 1295
 HARDING L K, ROBINSON P J: Gastroenterology. Clinician's guide to
 nuclear medicine, 1991, 1440
 JONES B, DONNER M W, *editors*: Normal and abnormal swallowing.
 Imaging in diagnosis and therapy, 1991, 719
 MANN C V, GLASS R E: Surgical treatment of anal incontinence, 1991,
 1295
 O'MORAN C A *et al*, *editors*: Ulcerative colitis, 1991, 719
 READ N W, *editor*: Irritable bowel syndrome, 1991, 719
 RICHTER J: Ambulatory esophageal pH monitoring: practical approach
 and clinical applications, 1991, 1294
 SHERLOCK S, SUMMERFIELD J A: A colour atlas of liver disease (2nd
 ed), 1991, 719
 SIEGEL J H: Endoscopic retrograde cholangiopancreatography. Tech-
 nique, diagnosis, and therapy, 1991, 1295
 SILEN W (revised by): Cope's early diagnosis of the acute abdomen, 1991,
 1295
 SWABB E A, SANDAR S, *editors*: Ulcer disease. Investigation and basis
 for therapy, 1991, 1294
 TRAVIS S P L, TAYLOR R H, MISIEWICZ J J: Pocket consultant.
 Gastroenterology, 1991, 1296
 BORCH K *see* LINSTRÖM E *et al*
 BORCHARD F *see* PORSCHEN R *et al*
 BORNHÖFT G *see* STALLMACH A *et al*
 BORTOLOTTI M *see* COCCIA G and BORTOLOTTI M
 BOSCH J *see* NAVASA M *et al*
 BOUCHIER-HAYES D *see* O'Rourke J S *et al*
 BOUCHIER-IAD *see* HAYES P C *et al*
 PLEVRIS J N *et al*
 BOUGHTON-SMITH N K *see* HAWTHORNE A B *et al*
 BOUMA M-E *see* SCOAZEC J-Y *et al*
 BOURGEOIS N *see* LE MOINE O *et al*
 BOUTRON M C *see* CHANTEREAU M J *et al*
 BOWLES L *see* DING S-F *et al*
 BOWN S G *see* SARGEANT I R *et al*
 BOYLSTON A *see* CURLEY P *et al*
 BRADBURN D M *see* RHODES M and BRADBURN D M
 BRADDON F E M *see* HEATON K W *et al*
 BRAGANZA J M *see* HABOUBI N Y *et al*
 BRAGHETTO I *see* CSENDES A *et al*
 BRAMBLE M G: Open access endoscopy - a nationwide survey of current
 practice, 282
 BRAND L *see* SONTAG S J *et al*
 BRANDTZÆG P *see* HALSTENSEN T S *et al*
 HELGELAND L *et al*
 HVATUM M *et al*
 BRASH H M *see* HAYES P C *et al*
 BRAUN-FALCO O *see* KÄRPÄTI S *et al*
 BRAZIER J E *see* TRIGER D R *et al*
 BRENNA E, WALDUM H L: Trophic effect of gastrin on the entero-
 chromaffin like cells of the rat stomach: Establishment of a dose response
 relationship, 1303
 BRENNAN R *see* KATELARIS P H *et al*
 BRENTEGANI M T *see* BENINI L *et al*
 BRETAGNE J F *see* HERESBACH D *et al*
 BRIDGER S A *see* KUMMER A F *et al*
 BRIGHT N *see* ANGGIANSAH A *et al*
 RUSSELL C O H *et al*
 BRIGNOLA C *see* GIONCHETTI P *et al*
 BROOMÉ U *see* ZETTERQUIST H *et al*
 BRUGUERA M *see* NAVASA M *et al*
 BRUNETAUD J M *see* MANOURY V *et al*
 BRUNO M *see* SATEGNA-GUIDETTI C *et al*
 BRYNSKOV J, TVEDE N, ANDERSEN C B, VILIEN M: Increased
 concentrations of interleukin-1-beta, interleukin-2, and soluble inter-
 leukin-2 receptors in endoscopic mucosal biopsy specimens with active
 inflammatory bowel disease, 55
 BUCKELS J A *see* LAITT R D *et al*
 BUCKELS J A C *see* BADGER I L R *et al*
 BUKHAVE K *see* VAN LOON F P L *et al*
 BURGHARDT W *see* RÜTHLEIN J *et al*
 BÜRGİN-WOLFF A *see* HADZISELIMOVIC F *et al*
 KÄRPÄTI S *et al*
 BURMAN P, MÄRDH S, LÖÖF L, NAESDAL J, KARLSSON F A:
 Absence of antibodies stimulating H2-receptor mediated cyclic ade-
 nosine monophosphate (cAMP) production in peptic ulcer disease:
 correspondence, 424
 BURNHAM W R *see* McINTYRE A S *et al*
 BURNSTOCK G *see* FEHÉR E *et al*
 BURRA P, HUBSCHER S G, SHAW J, ELIAS E, ADAMS D H: Is the
 intercellular adhesion molecule-1/leukocyte function associated antigen
 1 pathway of leukocyte adhesion involved in the tissue damage of
 alcoholic hepatitis?, 268
 BURT A D *see* LEE J A *et al*
 BUTHPITIYA G *see* RUSSELL C O H *et al*
 BUTLER M *see* FERREIRA M *et al*
 BUTTERWORTH R J, WILLIAMS G T, HUGHES L E: Can Crohn's
 disease be diagnosed at laparotomy: *case report*, 140
 CABRÉ E *see* ESTEVE-COMAS M *et al*
 CADIOT G *see* LEHY T *et al*
 CAIRNS C R *see* AHMED A *et al*
 CALAM J *see* BEARDHALL K *et al*
 MOSS S and CALAM J
 MOSS S F *et al*
 WATANAPA P *et al*
 CALAMENT G *see* NOUSBAUM J B *et al*

- CALIARI S *see* BENINI L *et al*
 CAMBRIDGE G, RAMPTON D S, STEVENS T R J, McCARTHY D A, KAMM M, LEAKER B: Anti-neutrophil antibodies in inflammatory bowel disease: prevalence and diagnostic role, 668
 CAMERON D *see* O'DONNELL L J D *et al*
 CAMERON E W J *see* HOWARD P J *et al*
 CAMERON-STRANGE A *see* WARLTHERS A *et al*
 CAMILLERI M *see* STEADMAN C J *et al*
 CAMPBELL A *see* FULLARTON G M *et al*
 CAMPBELL D A *see* LUCEY M R *et al*
 CAMPBELL I A *see* JAMES D R *et al*
 CAMPIERI M *see* GIONCHETTI P *et al*
 CANNING E U *see* BLANSHARD C *et al*
 CAPELLO M, KESHAV S, PRINCE C, JEWELL D P, GORDON S: Detection of mRNAs for macrophage products in inflammatory bowel disease by *in situ* hybridisation, 1214
 CAPOBIANCHI M R
 FAIS S, MERCURI F, BOIRIVANT M, DIANZANI F, PALLONE F: Interferon-alpha (IFN-alpha) production by human intestinal mononuclear cells. Response to virus in control subjects and Crohn's disease, 897
see also PALLONE F *et al*
 CAPRON M *see* COLOMBEL J F *et al*
 CARBALLO F *see* VIEDMA J A *et al*
 CARLISLE K *see* PARKER D *et al*
 CARLISLE K M, HALLIWELL M, READ A E, WELLS P N T: Estimation of total hepatic blood flow by duplex ultrasound, 92: *correspondence*, 1293
 CARNABY S *see* HUNT J B *et al*
 CAROLIA A, DEL FAVERO G, DI MARIO F, SPIGARIOL F, SCALON P, MEGGIATO T, ZAMBELLI C, NACCARATO R: Computed tomography in predicting gall stone solubility: a prospective trial, 698
 CARR-LOCKE D L *see* NEOPTOLEMOS J P *et al*
 PROBERT C S J *et al*
 CARTER D C *see* ANGERSON W J *et al*
 McKEE R F *et al*
 TRIGER D R *et al*
 CARTER K B *see* THORBURN H A *et al*
 CASEY J F *see* HICK D G *et al*
 CASEY M *see* O'BRIEN S *et al*
 CASSANI F, MURATORI L, MANOTTI P, LENZI M, FUSCONI M, BALLARDINI G, SELLERI L, VOLTA U, ZAULI D, MINIERO R, BIANCHI F B: Serum autoantibodies and the diagnosis of type-1 autoimmune hepatitis in Italy: a reappraisal at the light of hepatitis C virus infections, 1260
 CASTELL D O *see* SMOOT A J P M *et al*
 CASTELLANI G *see* BENINI L *et al*
 CASTILLO J-M *see* MORETÓ M *et al*
 CASTRILLO J M, MONTALBAN C, OBESO G, PIRIS M A, RIVAS M C: Gastric B-cell mucosa associated lymphoid tissue lymphoma: a clinicopathological study in 56 patients, 1307
 CATNACH S M, FAIRCLOUGH P D: Erythromycin and the gut: *review article*, 397
 CATTERALL A P, MURRAY-LYON I M: Strategies for hepatitis B immunisation: *leading article*, 576
 CAULIN C *see* BERGMANN J F *et al*
 CAUVIN J M *see* NOUSBAUM J B *et al*
 CHACKO A *see* SHAH S *et al*
 CHAMULEAU R A F M *see* JANSEN H L A *et al*
 CHANDY G *see* SHAH S *et al*
 CHANTERAU M J, FAIVRE J, BOUTRON M C, PIARD F, ARVEUX P, BEDENNE L, HILLON P: Epidemiology, management, and prognosis of malignant large bowel polyps within a defined population, 259
 CHAPMAN R W *see* LO S K *et al*
 CHAPUT J C *see* NAVAEU S *et al*
 CHARACH G *see* RUBIN M *et al*
 CHASSANY O *see* BERGMANN J F *et al*
 CHAUMETTE M-T *see* BLAZQUEZ M *et al*
 CHAWLA Y K *see* DILAWARI J B and CHAWLA Y K
 CHEJFEC G *see* SONTAG S J *et al*
 CHESLYN-CURTIS S, GILLAMS A R, RUSSELL R C G, DONALD J J, LAKE S P, AINLEY C A, HATFIELD A R W, LEES W R: Selection, management, and early outcome of 113 patients with symptomatic gall stones treated by percutaneous cholecystolithotomy, 1253
 CHESTER K A *see* MACPHERSON A J S *et al*
 CHOUARDI C P, RAJGOPAL C, PALMER K R: Comparison of endoscopic injection therapy versus the heater probe in major peptic ulcer haemorrhage, 1159
 CHRISTIANSEN J: Relation between electromyography and anal manometry of the external anal sphincter: *correspondence reply*, 718
 CHRISTL S U, GIBSON G R, CUMMING J H: Role of dietary sulphate in the regulation of methanogenesis in the human large intestine, 1234
 CHU C M, LIAW Y F: Intrahepatic expression of pre-S1 and pre-S2 antigens in chronic hepatitis B virus infection in relation to hepatitis B virus replication and hepatitis delta virus superinfection, 1544
 CHUNG I Y M: Is gastric emptying faster or slower in patients with early stage of non-insulin dependent diabetes mellitus? *correspondence*, 287
 CICLITIRA P J *see* ELLIS H J *et al*
 CLAPP N *see* DAS K M *et al*
 CLARK A *see* GIAFFER M H *et al*
 CLARK M *see* FERREIRA M *et al*
 CLARK M L *see* HUNT J B *et al*
 CLARKE D *see* KELLY S B *et al*
 CLARKE J M F *see* FELLOWS I W *et al*
 COCCIA G, BORTOLOTTI M: Prospective clinical and manometric study comparing pneumatic dilatation and sublingual nifedipine in the treatment of oesophageal achalasia: *correspondence*, 288
 COCHELARD D *see* MANOURY V *et al*
 COGHILL G *see* JANKOWSKI J *et al*
 COHEN J *see* EXLEY A R *et al*
 COLAS LINHART N *see* MARCELLIN P *et al*
 COLIN-JONES D *see* MOURAD F H *et al*
 COLIN-JONES D G
 LANGMAN M J S, LAWSON D H, LOGAN R F A, PATERSON K R, VESSEY M P: Postmarketing surveillance of the safety of cimetidine: 10 year mortality report: *clinical trial*, 1280
see also SINGH P *et al*
 COLLINS B J *see* KEE F and COLLINS B J
 COLLINS C M P *see* ALDERSON D *et al*
 COLLINS P *see* O'ROURKE J S *et al*
 COLOMBEL J F
 TORPIER G, JANIN A, KLEIN O, CORTOT A, CAPRON M: Activated eosinophils in adult coeliac disease: evidence for a local release of major basic protein, 1190
 VAERMAN J P, HÄLLGREN R, DEHENNIN J P, WAIN E, MODIGLIANI R, CORTOT A: Effect of intrajejunal elemental diet perfusion on jejunal secretion of immunoglobulins, albumin, and hyaluronan in man, 44
see also ADENIS A *et al*; MIZON C *et al*
 CONN A R *see* SCHREIBER S *et al*
 COOKE T G *see* LEEN E *et al*
 COPE G F, HEATLEY R V: Cigarette smoking and intestinal defences: *leading article*, 721
 COPPO R *see* SATEGNA-GUIDETTI C *et al*
 CORINALDESI R *see* STANGHELLINI V *et al*
 CORTOT A *see* ADENIS A *et al*
 COLOMBEL J F *et al*
 MANOURY V *et al*
 MIZON C *et al*
 CORUGEDO F *see* MANZANO L *et al*
 COSTAS M *see* NWOKOLO C U *et al*
 CRAANEN M E
 BLOK P, DEKKER W, FERWERDA J, TYTGAT G N J: Subtypes of intestinal metaplasia and *Helicobacter pylori*, 597
 DEKKER W, BLOK P, FERWERDA J, TYTGAT G N J: Intestinal metaplasia and *Helicobacter pylori*: an endoscopic biopsies study of the gastric antrum, 16
 CRAIG P M, TERRITO M C, KARNES W E, WALSH J H: *Helicobacter pylori* secretes a chemotactic factor for monocytes and neutrophils, 1020
 CREED F H *see* GUTHRIE E A *et al*
 CREMER M *see* LE MOINE O *et al*
 CRIPPS H *see* HEATON K W *et al*
 CROTTY B
 HOANG P, DALTON H R, JEWELL D P: Salicylates used in inflammatory bowel disease and colchicine impair interferon-gamma induced HLA-DR expression, 59
 ROSENBERG W M C, ARONSON J K, JEWELL D P: Inhibition of binding of interferon-gamma to its receptor by salicylates used in inflammatory bowel disease, 1353
see also HOANG P *et al*
 CROWELL M D *see* WHITEHEAD W E *et al*
 CSENDÉS A, SMOK G, BRAGHETTO I, GONZALEZ P, HENRIQUEZ A, CSENDÉS P, PIZURNO D: Histological studies of Auerbach's plexuses of the oesophagus, stomach, jejunum, and colon in patients with achalasia of the oesophagus: correlation with gastric acid secretion, presence of parietal cells and gastric emptying of solids, 150
 CSENDÉS P *see* CSENDÉS A *et al*
 CUMMING J H *see* CHRISTL S U *et al*
 CURLEY P
 LANCASTER F, BANKS R, BARCLAY G R, BOYLSTON A, WHICHER J T, McMAHON M J: T-helper cell population, endotoxin antibody concentrations and interleukin-6 in acute pancreatitis, 426 *abs*
 LARVIN M, ALEXANDER D, MEYER D, McMAHON M J: Relationship between haemorrhagic pancreatitis and the development of pancreatic necrosis, 426 *abs*
 CUVELIER C *see* MIELANTS H *et al*
 DABELSTEEN E *see* FRIIS S *et al*
 DAHILL S *see* EL NUJUMI A M *et al*
 DALTON C B *see* SMOOT A J P M *et al*
 DALTON H R
 HOANG P, JEWELL D P: Antigen induced suppression in peripheral

- blood and lamina propria mononuclear cells in inflammatory bowel disease, 324
see also CROTTY B *et al*; HOANG P *et al*
- DANESHMEND T K *see* HAWTHORNE A B *et al*
- DANIELSSON D *see* HELGELAND L *et al*
- DANISH OLSALAZINE STUDY GROUP *see* KIILERICH S *et al*
- DANQUECHIN DORVAL E *see* BAUMER Ph *et al*
- DARBY S *see* LAITT R D *et al*
- DAS K M, VECCHI M, SQUILLANTE L, DASGUPTA A, HENKE M, CLAPP N: Mr 40 000 human colonic epithelial protein expression in colonic mucosa and presence of circulating anti-Mr 40 000 antibodies in cotton top tamarins with spontaneous colitis, 48
- DASGUPTA A *see* DAS K M *et al*
- DAVIDS P J P, RAUWS E A J, TYTGAT G N J, HUIBREGTSE K: Postoperative bile leakage: endoscopic management, 1118
- DAVIDSON B
- VARSAMIDAKIS N, DOOLEY J, DEERY A, DICK R, KURZAWINSKI T, HOBBS K: Value of exfoliative cytology for investigating bile duct strictures, 1408
see also KURZAWINSKI T *et al*
- DAVIDSON J *see* BECKERS E J *et al*
- DAVIE R J *see* HOSIE K B *et al*
- DAVIES G A *see* HICK D G *et al*
- DAVIES G R, SIMMONDS N J, STEVENS T R J, GRANDISON A, BLAKE D R, RAMPTON D S: Mucosal reactive oxygen metabolite production in duodenal ulcer disease, 1467
- DAVIES M H, LANGMAN M J S, ELIAS E, NEUBERGER J M: Liver disease in a district hospital remote from a transplant centre: a study of admissions and deaths, 1397
- DAVIS A *see* IMRAY C H E *et al*
- DAWES J *see* McKEE R F *et al*
- DAWSON J S *see* POLLER D *et al*
- DAWSON P *see* STRICKLAND N H and DAWSON P
- DAY C P, BASSENDINE M F: Genetic predisposition to alcoholic liver disease: *leading article*, 1444
- DAY S *see* MCINTYRE A S *et al*
- DE CAESTECKER J S, PRYDE A, HEADING R C: Site and mechanism of pain perception with oesophageal balloon distension and intravenous edrophonium in patients with oesophageal chest pain, 580
- DE JONG M *see* JANSSEN H L A *et al*
- DE LA MORENA E *see* MANZANO L *et al*
- DE RITIS G *see* FAIS S *et al*
- DE VINCENZI M *see* FAIS S *et al*
- DE VOS M
- VERDIEVEL H, SCHOOIJANS R, PRAET M, BOGAERT M, BARBIER F: Concentrations of 5-ASA and Ac-5-ASA in human ileocolonic biopsy homogenates after oral 5-ASA preparations, 1338
see also MIELANTS H *et al*
- DE WIT L T *see* TIO T L *et al*
- DECAUX G, PROSPERT F, NAMIAS B, SCHLESSER M, SOUPART A: Raised urea clearance in cirrhotic patients with high uric acid clearance is related to low salt excretion, 1105
- DEERY A *see* DAVIDSON B *et al*
- KURZAWINSKI T *et al*
- DEHENNIN J P *see* COLOMBEL J F *et al*
- DEHN T C B: Surgery for uncomplicated gastroesophageal reflux: *leading article*, 293
- DEKKER W *see* CRAANEN M E *et al*
- DEL BUONO R *see* HALL P A and DEL BUONO R
- DEL FAVERO G *see* CAROLI A *et al*
- DELCHIER J-C *see* BLAZQUEZ M *et al*
- DELHANTY J *see* DING S-F *et al*
- DELHANTY J D A *see* DING S-F *et al*
- DELHAYE M *see* LE MOINE O *et al*
- DELMONT J P *see* BINMOELLER K F *et al*
- DEMBINSKI A *see* KONTUREK S J *et al*
- DEN OUDEN-MULLER J W *see* JANSSEN H L A *et al*
- DENDALE P, DEVIS G, GOOSSENS A: Leiomyosarcoma of the small intestine presenting as fever of unknown origin: *case report*, 411
- DENIZOT Y *see* SOBHANI I *et al*
- DENNISON A R *see* MADDERN G J *et al*
- DENT D *see* MALL A *et al*
- DENT J *see* FRASER R *et al*
- TOUGAS G *et al*
- DEPREZ P H *see* WATANAPA P *et al*
- DEVANE S P, RAVELLI A M, BISSET W M, SMITH V V, LAKE B D, MILLA P J: Gastric antral dysrhythmias in children with chronic idiopathic intestinal pseudoobstruction, 1477
- DEVIERE J *see* LE MOINE O *et al*
- DEVIS G *see* DENDALE P *et al*
- DEVORE M S *see* SMOOTH A J P M *et al*
- DI BISCEGLIE A *see* LUCEY M R *et al*
- LI MARIO F *see* CAROLI A *et al*
- DIANZANI F *see* CAPOBIANCHI M R *et al*
- DIAS V C, WALLACE J L, PARSONS H G: Modulation of cellular phospholipid fatty acids and leukotriene B₄ synthesis in the human intestinal cell (CaCo-2), 622
- DICK R *see* DAVIDSON B *et al*
- DICK R *see* KURZAWINSKI T *et al*
- DILAWARI J B, CHAWLA Y K: Pseudosclerosing cholangitis in extrahepatic portal venous obstruction, 272
- DILKS K *see*IFTIKHAR S Y *et al*
- DING S-F
- HABIB N A, DELHANTY J, BOWLES L, WOOD C, WILLIAMSON RCN, DOOLEY J: Allele loss on chromosomes 1 and 11 in carcinoma of the pancreas, 428 *abs*
- JALLEH R P, WOOD C B, BOWLES L, DELHANTY J D A, DOOLEY J, HABIB N A: Different DNA changes in primary and recurrent hepatocellular carcinoma, 1433
- DIVER-HABER A *see* YAHAV J *et al*
- DIXON M F *see* SUE-LING H M *et al*
- DODDS W J *see* SHAKER R *et al*
- DOEPEL M *see* ERIKSSON J *et al*
- DOMÍNGUEZ J E *see* VIEDMA J A *et al*
- DONALD J J *see* CHESLYN-CURTIS S *et al*
- DONNELLY T C *see* SUN W M *et al*
- DONNIO P Y *see* HERESBACH D *et al*
- DONOVAN I A *see* IMRAY C H E *et al*
- DOOLEY J *see* DAVIDSON B *et al*
- DING S-F *et al*
- KURZAWINSKI T *et al*
- DORRIAN C A *see* EL NUJUMI A M *et al*
- DOWLING R H *see* RHODES M *et al*
- WALTERS J R F *et al*
- DOYLE A P *see* ELLIS H J *et al*
- DREWE J *see* WERTH B *et al*
- DUDLEY F *see* RYAN J and DUDLEY F
- DUERDEN B I *see* GIAFFER M H *et al*
- DUFFY G *see* O'BRIEN S *et al*
- DUIGNAN J *see* O'ROURKE J S *et al*
- DUMAS R *see* BINMOELLER K F *et al*
- DUNCAN A *see* MORRIS A J *et al*
- DURANTEZ A *see* MANZANO L *et al*
- DURRANS D *see* WELCH M and DURRANS D
- DVIR A *see* RUBIN M *et al*
- DWARAKANATH A D, MICHAEL J, ALLAN R N: Sulphasalazine induced renal failure: *case report*, 1006
- EASTWOOD M A *see* EDWARDS C A and EASTWOOD M A
- EDWARDS C A *et al*
- EDWARDS C A
- EASTWOOD M A: Comparison of the effects of ispaghula and wheat bran on rat caecal and colonic fermentation, 1229
- WILSON R G, HANLON L, EASTWOOD M A: Effect of the dietary fibre content of lifelong diet on colonic cellular proliferation in the rat, 1076
- EGAN M *see* WATANAPA P *et al*
- EHERER A J *see* PETRITSCH W *et al*
- EINARSSON K *see* ZETTERQUIST H *et al*
- EKSTRAND A *see* ERIKSSON J *et al*
- EL NUJUMI A M, ROWE P A, DAHLI S, DORRIAN C A, NEITHERCUT W D, MCCOLL K E L: Role of ammonia in the pathogenesis of the gastritis, hypergastrinaemia, and hyperpepsinogenaeia I caused by *Helicobacter pylori* infection, 1612
- EL YAMANI J *see* MIZON C *et al*
- EL-ZAATAR F A K *see* MOSS M T *et al*
- ELIAKIM R, KARMEI F, OKON E, RACHMILEWITZ D: Ketotifen effectively prevents mucosal damage in experimental colitis, 1498
- ELIAS E *see* BURRA P *et al*
- DAVIES M H *et al*
- LAITT R D *et al*
- ELLENBOGEN S *see* JENKINS S A *et al*
- ELLIOTT E J *see* HUNT J B *et al*
- ELLIS D S *see* BLANSHARD C *et al*
- ELLIS H J, DOYLE A P, STURGESSION R P, CICLITIRA P J: Coeliac disease: characterisation of monoclonal antibodies raised against a synthetic peptide corresponding to amino acid residues 206-217 of A-gliadin, 1504
- ELLUL J P M *see* WALTERS J R F *et al*
- EMBAYE H, HART C A, GETTY B, FLETCHER J N, SAUNDERS J R, BATT R M: Effects of enteropathogenic *Escherichia coli* on microvillar membrane proteins during organ culture of rabbit intestinal mucosa, 1184
- EMMONS L R *see* HADZISELIMOVIC F *et al*
- EREMIN O see HEYS S D *et al*
- ERIKSEN E F, BISBALLES S, MELSEN F, MOSEKILDE L, HESSOV I, SORENSEN O H: Osteomalacia after gastrectomy: *correspondence reply*, 1151
- ERIKSSON J, DOEPEL M, WIDÉN E, HALME L, EKSTRAND A, GROOP L, HÖCKERSTEDT K: Pancreatic surgery, not pancreatitis, is the primary cause of diabetes after acute fulminant pancreatitis, 843
- ESCRIG C, BISHOP A E, INAGAKI H, MOSCOSO G, TAKAHASHI K, VARNDELL I M, GHATEI M A, BLOOM S R, POLAK J M:

- Localisation of endothelin like immunoreactivity in adult and developing human gut, 212
- ESTEVE-COMAS M, RAMÍREZ M, FERNÁNDEZ-BAÑARES F, ABAD-LACRUZ A, GIL A, CABRÉ E, GONZÁLEZ-HUIX F, MORENO J, HUMBERT P, GUILERÀ M, BOIX J, GASSULL M A: Plasma polyunsaturated fatty acid pattern in active inflammatory bowel disease, 1365
- EVANS C M, PHILLIPS A D, WALKER-SMITH J A, MacDONALD T T: Activation of lamina propria T cells induces crypt epithelial proliferation and goblet cell depletion in cultured human fetal colon, 230
- EVERITT S J see HAWTHORNE A B et al
- EXLEY A R, LESE T, HOLLIDAY M P, SWANN R A, COHEN J: Endotoxaemia and serum tumour necrosis factor as prognostic markers in severe acute pancreatitis, 1126
- FAIRCLOUGH P D see CATNACH S M and FAIRCLOUGH P D
HUNT J B et al
- FAIS S
MAIURI L, PALLONE F, DE VINCENZI M, DE RITIS G, TRONCONE R, AURICCHIO S: Gladin induced changes in the expression of MHC-class II antigens by human small intestinal epithelium. Organ culture studies with coeliac disease mucosa, 472
see also CAPOBIANCHI M R et al; PALLONE F et al
- FAIVRE J see CHANTERAU M J et al
- FALCONER S see FULLARTON G M et al
- FAROUK M, GEOGHEGAN J G, PRUTHI R S, THOMSON H J, PAPPAS T N, MEYERS W C: Intracerebroventricular neuropeptide Y stimulates bile secretion via a vagal mechanism, 1562
- FARTHING M J G see BALLINGER A and FARTHING M J G
HUNT J B et al
KATELARIS P H et al
KATELARIS P H and FARTHING M J G
MOURAD F H et al
NIGHTINGALE J M D et al
O'DONNELL L J D et al
THILLAINAYAGAM A V and FARTHING M J F
- FAUSA O see HALSTENSEN T S et al
- FEHÉR E, FODOR M, BURNSTOCK G: Distribution of somatostatin-immunoreactive nerve fibres in Peyer's patches, 1195
- FELDMANN G see SCOAZEC J-Y et al
- FELLOWS I W, CLARKE J M F, ROBERTS P F: Non-steroidal anti-inflammatory drug-induced jejunal and colonic diaphragm disease: a report of two cases, 1424
- FENTON-LEE D, IMRIE C W: Financial cost of managing patients with pancreatic necrosis with or without infection, 427 *abs*
- FERFOGLIA G see SATEGNA-GUIDETTI C et al
- FERGUSON A see ARRANZ E et al
- FERNÁNDEZ-BAÑARES F see ESTEVE-COMAS M et al
- FERREIRA M, LLOYD DAVIES S, BUTLER M, SCOTT D, CLARK M, KUMAR P: Endomysial antibody: is it the best screening test for coeliac disease?, 1633
- FERWERDA J see CRAANEN M E et al
- FEURLE G E: Oesophageal strictures in dystrophic epidermolysis bullosa: correspondence, 1152
- FINLAY I G see THORBURN H A et al
- FISHER C A see PETERS S G et al
- FITZGERALD M X see O'BRIEN S et al
- FLAKS B see WATANAPA P et al
- FLECHTMACHER J see JOHNSON C D et al
- FLEMING K A see LO S K et al
- FLETCHER J N see EMBAYE H et al
- FODOR M see FEHÉR E et al
- FORMAN D see SITAS F et al
- FOSTER C S, WILLIAMSON R C N: Hepatic aberrations in patients with chronic pancreatitis: correspondence reply, 1581
- FOULIS A see AL-DAWOUD A et al
- FOULIS A K, MCGILL M, SUTHERLAND D E R, SIBLEY R K: Immunohistological phenomena associated with recurrent diabetes in pancreatic transplants, 427 *abs*
- FRASER A G, NICHOLSON G I: Duodenal perforation in primary systemic amyloidosis: case report, 997
- FRASER I A see NWOKOLO C U et al
- FRASER R, HOROWITZ M, DENT J: Is gastric emptying faster or slower in patients with early stage of non-insulin dependent diabetes mellitus? correspondence, 287
- FREISE J see WAGNER S et al
- FREYSDÓTTIR J see ARNASON J A et al
- FRIČ P, SLABÝ J, KASAFÍREK E, KOCNA P, MAREK J: Effective peritoneal therapy of acute pancreatitis in the rat with glutaryl-trialanin-ethylamide: a novel inhibitor of pancreatic elastase, 701
- FRIIS S, DABELSTEEN E, SJÖSTRÖM H, NORÉN O, JARNUM S: Gladin uptake in human enterocytes. Differences between coeliac patients in remission and control individuals, 1487
- FROST P G see REES R G P et al
- FRYDAS A see LADAS S D et al
- FUKUMURA D see KUROSE I et al
- FULLARTON G M, FALCONER S, CAMPBELL A, MURRAY W R: Controlled study of the effect of nicardipine and ceruleotide on the sphincter of Oddi, 550
- FUSARO C see BASSOTTI G et al
- FUSCONI M see CASSANI F et al
- GALATOLA G see JAZRAWI R P et al
- GALLAGHER N D see KOOREY D J et al
POKORNY C S et al
- GALLOWAY S W see KINGSNORTH A N et al
- GARCIA-PAGÁN J C see NAVASA M et al
- GARDEN O J see MCKEE R F et al
- GARLICK P J see HEYS S D et al
- GARNER P see PROBERT C S J et al
- GARRED P see HALSTENSEN T S et al
- GASSULL M A see ESTEVE-COMAS M et al
- GASTROINTESTINAL PHYSIOLOGY WORKING GROUP OF THE CAYETANO HEREDIA AND THE JOHNS HOPKINS UNIVERSITY: Ecology of *Helicobacter pylori* in Peru: infection rates in coastal, high altitude, and jungle communities, 604
- GATTA A see MERKEL C et al
- GAULARD P see BLAZQUEZ M et al
- GAY G see SCOAZEC J-Y et al
- GAZZARD B G see BLANSHARD C et al
- GEBEL M see WAGNER S et al
- GELIN M see LE MOINE O et al
- GEOGHEGAN J G see FAROUK M et al
- GERAGHTY J G see ANGERTON W J et al
- GERL A, STORCK M, SCHALHORN A, MÜLLER-HÖCKER J, JAUCH K W, SCHILDBERG F W, WILMANNS W: Paraneoplastic chronic intestinal pseudoobstruction as a rare complication of bronchial carcinoid: case report, 1000
- GERTNER D J see NIGHTINGALE J M D et al
- GETTY B see EMBAYE H et al
- GHARIB-NASERI M K see GRUNDY D et al
- GHATEI M A see ESCRIG C et al
JENKINS A P et al
- GHIDINI C see STANGHELLINI V et al
- GHOSH P see BEARDSHALL K et al
MOSS S F et al
- GIAFFER M H
- CLARK A, HOLDSWORTH C D: Antibodies to *Saccharomyces cerevisiae* in patients with Crohn's disease and their possible pathogenic importance, 1071
- HOLDSWORTH C D, DUERDEN B I: Virulence properties of *Escherichia coli* strains isolated from patients with inflammatory bowel disease, 646
- GIBSON G R see CHRISTL S U et al
- GIL A see ESTEVE-COMAS M et al
- GILAT T see RUBIN M et al
- GILL J see BEARDSHALL K et al
- GILLAMS A R see CHESLYN-CURTIS S et al
- GIMSON A see WICKS C et al
- GIONCHETTI P, CAMPIERI M, BELLUZZI A, PAGANELLI G M, TAPIERI M, BERTINELLI E, BRIGNOLA C, POGGIOLI G, MIGLIOLI M, GOZZETTI G, BARBARA L: Macrophage subpopulations in pouchitis: correspondence, 1008
- GLADZIWA U see WAGNER S et al
- GLEESON D: Acid-base transport systems in gastrointestinal epithelia: progress report, 1134
see also WALTERS J R F et al
- GLOVER J R, SHORVON P J, LEES W R: Endoscopic ultrasound for localisation of islet cell tumours, 108
- GOLDBERG J A see THORBURN H A et al
- GOMPERTZ R H K, MICHALOWSKI A S, MAN W K, SPENCER J, BARON J H: Duodenal ulcer: a model of impaired mucosal defence, 1044
- GONZÁLEZ-HUIX F see ESTEVE-COMAS M et al
- GONZALEZ P see CSENDES A et al
- GOODCHILD M C see JAMES D R et al
- GOOSSENS A see DENDALE P et al
- GORARD D see MOURAD F H et al
- GORDON S see CAPPELLO M et al
- GOSEKI N, TAKIZAWA T, KOIKE M: Differences in the mode of the extension of gastric cancer classified by histological type: new histological classification of gastric carcinoma, 606
- GOSSELIN M see HERESBACH D et al
- GOUEROU H see NOUSBAUM J B et al
- GOZZETTI G see GIONCHETTI P et al
- GRAHAM D M see LUCEY M R et al
- GRAHAM D Y see MOSS M T et al
- GRANDISON A see DAVIES G R et al
- GRANT A see JANKOWSKI J et al
- GREEN J R B see HAINES D J et al
- GREENFIELD S M see POWELL J J et al
STURGESS I et al
TEARE J P et al
- GREENLEE H see SONTAG S J et al

- GREENSTEIN A J *see* GUMASTE V *et al*
 GRIFFITH J *see* SUE-LING H M *et al*
 GRIMALDI C *see* BINMOELLER K F *et al*
 GRIMBLE G K *see* REES R G P *et al*
 GROBLER S *see* HOSIE K B *et al*
 GROOP L *see* ERIKSSON J *et al*
 GRUNDY D, GHARIB-NASERI M K, HUTSON D: Effect of immunisation against vasoactive intestinal polypeptide on gastric corpus tone and motility in the ferret, 1473
 GRYNBLAT J-M *see* MARCELLIN P *et al*
 GUAN R *see* KANG J Y *et al*
 GUDJÖNSSON H *see* ARNASON J A *et al*
 GUIDI G C *see* BENINI L *et al*
 GUILERA M *see* ESTEVE-COMAS M *et al*
 GULLICK W J *see* LEMOINE N R *et al*
 THOMAS D M *et al*
 GUMASTE V, SACHAR D B, GREENSTEIN A J: Benign and malignant colorectal strictures in ulcerative colitis, 938
 GUMPEL M J *see* BJARNASON I *et al*
 GUPTA N M *see* LAL N *et al*
 GUSLANDI M: *Helicobacter pylori* and peptic ulcer recurrence: correspondence, 1293
 GUSTAW P *see* KONTUREK S J *et al*
 GUTH P H *see* ROBERT A *et al*
 GUTHRIE E A, CREED F H, WHORWELL P J, TOMENSON B: Outpatients with irritable bowel syndrome: a comparison of first time and chronic attenders, 361
 GUY R *see* HUSBAND J E and GUY R
 GYR K *see* SARKER S A and GYR K
 GYR K

 HABER P S *see* WILSON J S *et al*
 HABIB N A *see* DING S-F *et al*
 HABOUBI N Y, ALI H H, BRAGANZA J M: Hepatic aberrations in patients with chronic pancreatitis: correspondence, 1581
 HADDAD A *see* STEADMAN C J *et al*
 HADZISELIMOVIC F, EMMONS L R, SCHAUB U, SIGNER E, BÜRGIN-WOLFF A, KRSTIC R: Occurrence of large granular lymphocytes and natural killer cells in the epithelium of the gut distinguishes two different coeliac diseases, 767
 HAGGIE J *see* JENKINS S A *et al*
 HAINES D J, BIBBEY D, GREEN J R B: Does nasal oxygen reduce the cardiorespiratory problems experienced by elderly patients undergoing endoscopic retrograde cholangiopancreatography?, 973
 HAIOUN C *see* BLAZQUEZ M *et al*
 HALL C
 YOUNGS D, KEIGHLEY M R B: Crypt cell production rates at various sites around the colon in Wistar rats and humans, 1528
 see also WINSLET M *et al*
 HALL E J, BATT R M: Dietary modulation of gluten sensitivity in a naturally occurring enteropathy of Irish setter dogs, 198
 HALL L *see* WARDLE T D *et al*
 HALL P A
 DEL BUONO R: Differentiation in pancreatic duct cells: role of extracellular matrix, stromal cells, and integrins, 427 *abs*
 see also LEMOINE N R *et al*
 HÄLLGREN R *see* COLOMBEL J F *et al*
 HALLIDAY D *see* REES R G P *et al*
 HALLIWELL M *see* CARLISLE K M *et al*
 HALLYAR J *see* BJARNASON I *et al*
 HALME L *see* ERIKSSON J *et al*
 HALPERN Z *see* RUBIN M *et al*
 HALSTENSEN T S, MOLLNES T E, GARRED P, FAUSA O, BRANDTZAEG P: Surface epithelium related activation of complement differs in Crohn's disease and ulcerative colitis, 902: correction, 1440
 HANLON L *see* EDWARDS C A *et al*
 HANSON R *see* STEADMAN C J *et al*
 HARDCASTLE J D *see* IFTIKHAR S Y *et al*
 HARE W R *see* REES R G P *et al*
 HARRIS A G *see* BINMOELLER K F *et al*
 HARRISON D J *see* PLEVRISS J N *et al*
 HARRISON M *see* BATES T *et al*
 HART C A *see* EMBAYE H *et al*
 HARUMA K *see* WAGNER S *et al*
 HATFIELD A R W *see* CHESLYN-CURTIS S *et al*
 HAWKEY C J *see* HAWTHORNE A B *et al*
 MURRAY F E *et al*
 HAWTHORNE A B
 BOUGHTON-SMITH N K, WHITTLE B J R, HAWKEY C J: Colorectal leukotriene B₄ synthesis in vitro in inflammatory bowel disease: inhibition by the selective 5-lipoxygenase inhibitor BWA4C, 513
 DANESHMEND T K, HAWKEY C J, BELLUZZI A, EVERITT S J, HOLMES G K T, MALKINSON C, SHAHEEN M Z, WILLARS J E: Treatment of ulcerative colitis with fish oil supplementation: a prospective 12 month randomised controlled trial, 922
 HAYES P C
 TERRACE D, PEASTON I, BOUCHIER I A D, REDHEAD D, BRASH H M: Computerised system for the continuous measurement of azygous venous blood flow, 372
 see also PLEVRISS J N *et al*
 HAYLLAR K M *see* PEREIRA L M M B *et al*
 HEADING R C *see* DE CAESTECKER J S *et al*
 HOWARD P J *et al*
 HEATLEY R V *see* COPE G F and HEATLEY R V
 HEATON K W, RADVAN J, CRIPPS H, MOUNTFORD R A, BRADDON F E M, HUGHES A O: Defecation frequency and timing, and stool form in the general population: a prospective study, 818
 HECQUET B *see* ADENIS A *et al*
 HEGARTY J E *see* O'BRIEN S *et al*
 HEIJTINK R A *see* JANSEN H L A *et al*
 HEINERMAN M *see* MEISER G *et al*
 HEINZE G *see* RÜTHLEIN J *et al*
 HEISE W *see* ULLRICH R *et al*
 HELGELAND L, TYSK C, JÄRNEROT G, KETT K, LINDBERG E, DANIELSSON D, ANDERSEN S N, BRANDTZAEG P: IgG subclass distribution in serum and rectal mucosa of monozygotic twins with or without inflammatory bowel disease, 1358
 HELLER B R *see* WHITEHEAD W E *et al*
 HENDRICKSE C W *see* IMRAY C H E *et al*
 HENDRICKS Th *see* MARTENS M F W C *et al*
 HENGELS K J *see* PORSCHEN R *et al*
 HENKE M *see* DAS K M *et al*
 HENRIQUEZ A *see* CSENDES A *et al*
 HERESBACH D, RAOUL J L, BRETAGNE J F, MINET J, DONNIO P Y, RAMÉE M P, SIPROUDHIS L, GOSELIN M: *Helicobacter pylori*: a risk and severity factor of non-steroidal anti-inflammatory drug induced gastropathy, 1608
 HERMON-TAYLOR J *see* MOSS M T *et al*
 SANDELLER J D *et al*
 SANDELLER J D and HERMON-TAYLOR J
 HERRINGTON C S *see* PLAYFORD R J *et al*
 HESS G *see* JANSEN H L A *et al*
 HESSOV I *see* ERIKSEN E F *et al*
 HEYS S D, PARK K G M, McNURLAN M A, KEENAN R A, MILLER J D B, EREMIN O, GARLICK P J: Protein synthesis rates in colon and liver: stimulation by gastrointestinal pathologies, 976
 HICK D G, MORRISON J F B, CASEY J F, AL-ASHHAB W, WILLIAMS G J, DAVIES G A: Oesophageal motility, luminal pH, and electrocardiographic-ST segment analysis during spontaneous episodes of angina like chest pain, 79
 HICKMAN R *see* MALL A *et al*
 HILLON P *see* CHANTEREAU M J *et al*
 HILLS B A, KIRWOOD C A: Gastric mucosal barrier: barrier to hydrogen ions imparted by gastric surfactant in vitro, 1039
 HINES J E *see* LEE J A *et al*
 HINTERLEITNER T *see* PETRITSCH W *et al*
 HOANG P
 CROTTY B, DALTON H R, JEWELL D P: Epithelial cells bearing class II molecules stimulate allogeneic human colonic intraepithelial lymphocytes, 1089
 see also CROTTY B *et al*; DALTON H R *et al*; O'DONNELL L J D *et al*
 HOBBS K *see* DAVIDSON B *et al*
 KURZAWINSKI T *et al*
 HOBSLEY M *see* AHMED A *et al*
 ROXBURGH J C *et al*
 HOCHLAFF S *see* SOBHANI I *et al*
 HÖCKERSTEDT K *see* ERIKSSON J *et al*
 HODGSON H J F
 SELDEN A C: Hepatocyte growth factor: correspondence, 286
 see also MAZLAM M Z and HODGSON H J F; MOSS S F *et al*; PLAYFORD R J *et al*; VESEY D A *et al*
 HODSON S *see* McKEE R F *et al*
 HOGAN W J *see* SHAKER R *et al*
 HOLCOMBE C: *Helicobacter pylori*: the African enigma: leading article, 429
 HOLDsworth C D *see* GIAFFER M H *et al*
 HOLL J *see* SAUERBRUCH T *et al*
 HOLLIDAY M P *see* EXLEY A R *et al*
 HOLLISTER W S *see* BLANSHARD C *et al*
 HOLMES G K T *see* HAWTHORNE A B *et al*
 HOLTON J *see* ODERDA G *et al*
 HOLZER-PETSCHKE U *see* PETRITSCH W *et al*
 HONISCH B *see* MERKEL C *et al*
 HOOD K A *see* WALTERS J R F *et al*
 HOP W C J *see* MEIJSSEN M A C *et al*
 MENKE-PLUYMERS M B E *et al*
 HOPWOOD D *see* JANKOWSKI J *et al*
 HOROWITZ M *see* FRASER R *et al*
 HOSIE K B, DAVIER J, PANAGAMUWA B, GROBLER S, KEIGHLEY M R B, BIRCH N J: Ileal mucosal absorption of bile acid in man: validation of a miniature flux chamber technique, 490
 HOUDAYER C *see* NAVAEU S *et al*
 HOULT J R S *see* AHMED A *et al*

- HØVERSTAD T *see* HUSEBYE E *et al*
- HOWARD P J, MAHER L, PRYDE A, CAMERON E W J, HEADING R C: Five year prospective study of the incidence, clinical features, and diagnosis of achalasia in Edinburgh, 1011
- HOWDLE P D, BLAIR G E: Molecular biology and coeliac disease: *leading article*, 573
- HUBSCHER S G *see* BURRA P *et al*
LAITT R D *et al*
- HUGHES A O *see* HEATON K W *et al*
- HUGHES C M *see* LEMOINE N R *et al*
- HUGHES L E *see* BUTTERWORTH R J *et al*
- HUIBREGTSE K *see* DAVIDS P H P *et al*
- HUITFELDT B *see* LINDBERG E *et al*
- HUMBERT P *see* ESTEVE-COMAS M *et al*
- HUNT J B
ELLIOTT E J, FAIRCLOUGH P D, CLARK M L, FARTHING M J G: Water and solute absorption from hypotonic glucose-electrolyte solutions in human jejunum, 479
- THILLAINAYAGAM A V, SALIM A F M, CARNABY S, ELLIOTT E J, FARTHING M J G: Water and solute absorption from a new hypotonic oral rehydration solution: Evaluation in human and animal perfusion models, 1652
- HUNT R J *see* BELL N J V and HUNT R H
- HÜPPE D *see* TROMM A *et al*
- HUSBAND E M *see* TOVEY F I *et al*
- HUSBAND J E, GUY R: Magnetic resonance imaging in oncology: *leading article*, 1587
- HUSEBYE E, SKAR V, HØVERSTAD T, MELBY K: Fasting hypochlorhydria with Gram positive gastric flora is highly prevalent in health old people, 1331
- HUTSON D *see* GRUNDY D *et al*
- HYUBEN C M L C *see* MARTENS M F W C *et al*
- HVATUM M, SCOTT H, BRANDTZÆG P: Serum IgG subclass antibodies to a variety of food antigens in patients with coeliac disease, 632
- IBÁÑEZ S *see* MORETÓ M *et al*
- IBE M *see* RÜUTHLEIN J *et al*
- IFTIKHAR S Y
JAMES P D, STEELE R J C, HARDCastle J D, ATKINSON M: Length of Barrett's oesophagus: an important factor in the development of dysplasia and adenocarcinoma, 1155
- STEELE R J C, WATSON S, JAMES P D, DILKS K, HARDCastle J D: Assessment of proliferation of squamous, Barrett's and gastric mucosa in patients with columnar lined Barrett's oesophagus, 733
- IHSE I *see* LINDSTRÖM E *et al*
- ILINCIC L *see* ALTOMARE D *et al*
- IMAEDA H *see* KUROSE I *et al*
MIURA S *et al*
- IMAMURA A, PURI P, O'BRIAIN D S, REEN D J: Mucosal immune defence mechanisms in enterocolitis complicating Hirschsprung's disease, 801
- IMRAY C H E, RADLEY S, DAVIS A, BARKER G, HENDRICKSE C W, DONOVANIA A, LAWSON A M, BAKER P R, NEOPTOLEMOS J P: Faecal unconjugated bile acids in patients with colorectal cancer or polyps, 1239
- IMRIE C W *see* FENTON-LEE D and IMRIE C W
- INAGAKI H *see* ESCRIG C *et al*
- INK O *see* NAVAEU S *et al*
- IREDALE J P
RIDINGS P, McGINN F P, ARTHUR M J P: Familial and idiopathic colonic varices: an unusual cause of lower gastrointestinal haemorrhage: *case report*, 1285
see also WINWOOD P J *et al*
- IRELAND A, PRIDDLE J D, JEWELL D P: Comparison of 5-aminosalicylic acid and N-acetylaminoacrylic acid uptake by the isolated human colonic epithelial cell, 1343
- ISOLAURI E *see* KAILA M *et al*
SUOMALAINEN H *et al*
- ITOH M *see* MIYAMOTO T *et al*
- ITZKOWITZ S H, BLOOM E J, LAU T-S, KIM Y S: Mucin associated Tn and sialosyl-Tn antigen expression in colorectal polyps, 518
- IVEY K J *see* ROMANO M *et al*
- IZUMIYAMA T *see* WADA R *et al*
- JACKSON J E *see* MOSS S F *et al*
- JÄGER K *see* SIEBER C *et al*
- JALLEH R P *see* DING S-F *et al*
- JAMES D R, OWEN G, CAMPBELL I A, GOODCHILD M C: Vitamin A absorption in cystic fibrosis: risk of hypervitaminosis A, 707
- JAMES J P *see* STEVENS T R J *et al*
- JAMES P D *see* IFTIKHAR S Y *et al*
- JANIN A *see* COLOMBEL J F *et al*
- JANKOWSKI J: Adenocarcinoma and Barrett's oesophagus: *correspondence*, 862
- COGHILL G, HOPWOOD D, WORMSLEY K G: Oncogenes and onco-suppressor gene in adenocarcinoma of the oesophagus, 1033
- COGHILL G, TREGASKIS B, HOPWOOD D, WORMSLEY K G: Epidermal growth factor in the oesophagus, 1448
- McMENEMIN R, YUC C, HOPWOOD D, WORMSLEY K G: Proliferating cell nuclear antigen in oesophageal diseases; correlation with transforming growth factor alpha expression, 587
- MURPHY S, COGHILL G, GRANT A, WORMSLEY K G, SANDERS D S A, KERR M, HOPWOOD D: Epidermal growth factor receptors in the oesophagus, 439
- JANSEN P L M *see* JANSEN H L A *et al*
- JANSEN H L A, BERK L, SCHALM S W, HEIJTINK R A, HESS G, ROSSOL S, MEYER ZUM BUSCHENFELDE K-H, CHAULEAU R A F M, JANSEN P L M, REESINK H W, MEYER B, BEGLINGER C, DEN OUDEN-MULLER J W, DE JONG M, MULDER C J J: Antiviral effect of prolonged intermittent lymphoblastoid alpha interferon treatment in chronic hepatitis B, 1094
- JÄRNEROT G *see* HELGELAND L *et al*
- LINDBERG E *et al*
- JARNUM S *see* FRIIS S *et al*
- JARVINEN H J: Epidemiology of familial adenomatous polyposis in Finland: impact of family screening on the colorectal cancer rate and survival, 357
- JASS J R: Proliferation of human gastrointestinal epithelium: *correspondence*, 1583
- STEWART S M: Evolution of hereditary non-polyposis colorectal cancer, 783
- YOUNG P J, ROBINSON E M: Predictors of presence, multiplicity, size and dysplasia of colorectal adenomas. A necropsy study in New Zealand, 1508
- JAUCH K W *see* GERL A *et al*
- JAWOREK J *see* KONTUREK S J *et al*
- JAYANTHI V
PROBERT C S J, SHER K S, MAYBERRY J F: Oral submucosal fibrosis, a preventable disease: *leading article*, 4
see also PROBERT C S J *et al*
- JAYARAJ A P *see* TOVEY F I *et al*
- JAZRAWI R P, PIGOZZI M G, GALATOLA G, LANZINI A, NORTHFIELD T C: Optimum bile acid treatment for rapid gall stone dissolution, 381
- JENKINS A P
GHATEI M A, BLOOM S R, THOMPSON R P H: Effects of bolus doses of fat on small intestinal structure and on release of gastrin, cholecystokinin, peptide tyrosine-tyrosine, and enteroglucagon, 218
- THOMPSON R P H: Effect of dietary fat on the distribution of mucosal mass and cell proliferation along the small intestine, 224
- JENKINS S A, TAYLOR B A, NOTT D M, ELLENBOGEN S, HAGGIE J, SHIELDS R: Management of massive upper gastrointestinal haemorrhage from multiple sites of peptic ulceration with somatostatin and octreotide - a report of five cases: *case report*, 404
- JEWELL D P *see* ANGUS P *et al*
- CAPPELLO M *et al*
- CROTTY B *et al*
- DALTON H R *et al*
- HOANG P *et al*
- IRELAND A *et al*
- LOWES J R *et al*
- O'DONNELL L J D *et al*
- RIOS-CASTELLANOS E *et al*
- JOHNSON A *see* O'Rourke J S *et al*
- JOHNSON A G *see* TRIGER D R *et al*
- JOHNSON C D, SCHWALL M, FLECHTENMACHER J, TREDE M: Resection for carcinoma of the body and tail of the pancreas, 428 *abs*
- JOHNSTON D *see* SUE-LING H M *et al*
- JOHNSTON D A *see* KUMMER A F *et al*
- JOHNSTON G W *see* TRIGER D R *et al*
- JONAS A *see* YAHAV J *et al*
- JÓNSDÓTTIR I *see* ARNASON J A *et al*
- JØRGENSEN T *see* RUDNICKI M *et al*
- KAHRILAS P J *see* SHAKER R *et al*
- KAILA M
ISOLAURI E, VIRTANEN E, ARVILOMMI H: Preponderance of IgM from blood lymphocytes in response to infantile rotavirus gastroenteritis, 639
see also SUOMALAINEN H *et al*
- KAMM M *see* CAMBRIDGE G *et al*
- KANG J Y
TAY H H, GUAN R: Chronic upper abdominal pain: site and radiation in various structural and functional disorders and the effect of various foods, 743
see also WEE A *et al*
- KARANI J *see* PETERS R *et al*
- KARANJIA N D
WIDDISON A L, KNIGHT M J, REBER H A: Rationale for low dose dopamine in acute pancreatitis, 426 *abs*
see also WIDDISON A L *et al*
- KARLSSON F A *see* BURMAN P *et al*
- KARMELI F *see* ELIAKIM R *et al*
- RACHMILEWITZ D *et al*

- KARNES W E *see* CRAIG P M *et al*
 KÁRPÁTI S, MEURER M, STOLZ W, BÜRGIN-WOLFF A, BRAUN-FALCO O, KRIEG T: Ultrastructural binding sites of endomysium antibodies from sera of patients with dermatitis herpetiformis and coeliac disease, 191
 KASAFÍREK E *see* FRIČ P *et al*
 KASANUKI J *see* NAKAMURA M *et al*
 KATELARIS P H
 FARTHING M J G: Diarrhoea and malabsorption in giardiasis: a multifactorial process: *leading article*, 295
 TIPPETT G H K, NORBU P, LOWE D G, BRENNAN R, FARTHING M J G: Dyspepsia, *Helicobacter pylori*, and peptic ulcer in a randomly selected population in India, 1462
 KEE F, COLLINS B J: Families at risk of colorectal cancer: who are they?, 787
 KEELING P W N *see* MacMATHUNA P *et al*
 KEENAN R A *see* HEYS S D *et al*
 KEIGHLEY M R B *see* BARSOUM G H *et al*
 HALL C *et al*
 HOSIE K B *et al*
 KEIGHTLEY A *see* WALTERS J R F *et al*
 KELLER N *see* YAHAV J *et al*
 KELLETT M *see* POTTEN C S *et al*
 KELLY S B, SACKIER J M, CLARKE D, REES A J, WOOD C B: Small bowel haemorrhage due to cytomegalovirus vasculitis: *correspondence reply*, 862
 KEOGAN M *see* O'BRIEN S *et al*
 KERLIN P *see* PATERSON D *et al*
 KERR M *see* JANKOWSKI J *et al*
 KESHAV S *see* CAPPELLO M *et al*
 KETT K *see* HELGELAND L *et al*
 KHANDELWAL S *see* SONTAG S J *et al*
 KHATUN M *see* ALAM N H *et al*
 KHUROO M S, ZARGAR S A, MAHAJAN R, BANDAY M A: High incidence of oesophageal and gastric cancer in Kashmir in a population with special personal and dietary habits, 11
 KIILERICH S, LADEFOGED K, RANDEM T, RANLOV P J, THE DANISH OLSSALAZINE STUDY GROUP: Prophylactic effects of olsalazine v sulphasalazine during 12 months maintenance treatment of ulcerative colitis, 252
 KIM Y S *see* ITZKOWITZ S H *et al*
 KINGSNORTH A N, GALLOWAY S W, LEWIS-JONES J, NASH J R G, SMITH P A: Papillary cystic neoplasm of the pancreas: presentation and natural history in two cases: *case report*, 421
 KIRWOOD C A *see* HILLS B A and KIRWOOD C A
 KLAUSER A G *see* SCHINDLEBECK N E *et al*
 KLEIN O *see* COLOMBEL J F *et al*
 KLEIN R *see* SEIBOLD F *et al*
 KLOTZ U *see* SAREM-ASLANI A *et al*
 KNIGHT M J *see* KARANJIA N D *et al*
 WIDDISON A L *et al*
 KOCNA P *see* FRIČ P *et al*
 KOIKE M *see* GOSEKI N *et al*
 KONTA R *see* WADA R *et al*
 KONTUREK P J *see* KONTUREK S J *et al*
 KONTUREK S J, DEMBINSKI A, KONTUREK P J, WARZECZA Z, JAWOREK J, GUSTAW P, TOMASZEWSKA R, STACHURA J: Role of platelet activating factor in pathogenesis of acute pancreatitis in rats, 1268
 KOOREY D J, McCaughan G W, TRENT R J, GALLAGHER N D: Risk estimation in familial adenomatous polyposis using DNA probes linked to the familial adenomatous polyposis gene, 530
 KREJS G J *see* PETRITSCH W *et al*
 KREUNING J *see* Veenendaal R A *et al*
 KRIEG T *see* KÁRPÁTI S *et al*
 KRSTIC R *see* HADZISELIMOVIC F *et al*
 KULLMAN E P *see* LINDSTRÖM E *et al*
 KUMAR D *see* WINGATE D and KUMAR D
 KUMAR P *see* FERREIRA M *et al*
 KUMMER A F, JOHNSTON D A, MARKS I N, YOUNG G O, TIGLER-WYBRANDI N A, BRIDGER S A: Changes in nocturnal and peak acid outputs after duodenal ulcer healing with sucralfate or ranitidine, 175
 KUROSE I, MIURA S, FUKUMURA D, TASHIRO H, IMAEDA H, SHIOZAKI H, SUEMATSU M, NAGATA H, SEKIZUKA E, TSUCHIYA M: Role of platelet activating factor on the fibrinolytic activation in the pathogenesis of gastric mucosal damage induced by endothelin-1, 868
 KURZAWINSKI T
 DEERY A, DOOLEY J, DICK R, HOBBS K, DAVIDSON B: A prospective controlled study comparing brush and bile exfoliative cytology for diagnosing bile duct strictures, 1675
see also DAVIDSON B *et al*
 LADAS S D, FRYDAS A, PAPADOPOULOS A, RAPTIS S A: Effects of alpha-glucosidase inhibitors on mouth to caecum transit time in humans, 1246
 LADEFOGED K *see* KIILERICH S *et al*
 L'AGE M *see* ULLRICH R *et al*
 LAI T *see* ALDERSON D *et al*
 LAIT T R D, HUBSCHER S G, BUCKELS J A, DARBY S, ELIAS E: Sclerosing cholangitis associated with multifocal fibrosis: case report, 1430
 LAKE B D *see* DEVANE S P *et al*
 LAKE S P *see* CHESLYN-CURTIS S *et al*
 LAL N, BHASIN D K, MALIK A K, GUPTA N M, SINGH K, MEHTA S K: Optimal number of biopsy specimens in the diagnosis of carcinoma of the oesophagus, 724
 LAMERS C B W H *see* Veenendaal R A *et al*
 LAMPE B V *see* STALLMACH A *et al*
 LAMPE H *see* MERKEL C *et al*
 LANCASTER F *see* CURLEY P *et al*
 LANGE P *see* WAGNER S *et al*
 LANGLEY P G *see* PEREIRA L M M B *et al*
 LANGMAN M J S *see* COLIN-JONES D G *et al*
 DAVIES M H *et al*
 LANZINI A *see* JAZRAWI R P *et al*
 LARNER A J, LENDRUM R: Oesophageal candidiasis after omeprazole therapy: *case report*, 860
 LARREY D, VIAL T, MICALEFF A, BABANY G, MORICHAU-BEAUCHANT M, MICHEL H, BENHAMOU J P: Hepatitis associated with amoxycillin-clavulanic acid combination, report of 15 cases, 368
 LARVIN M *see* CURLEY P *et al*
 LAU T-S *see* ITZKOWITZ S H *et al*
 LAURENSEN I F *see* STEVENS T R J *et al*
 LAWSON A M *see* IMRAY C H E *et al*
 LAWSON C *see* BATES T *et al*
 LAWSON D H *see* COLIN-JONES D G *et al*
 LE MOINE O, ADLER M, BOURGEOIS N, DELHAYE M, DEVIÈRE J, GELIN M, VANDERMEEREN A, VAN GOSSUM A, VEREERSTRAETEN A, VEREERSTRAETEN P, CREMER M: Factors related to early mortality in cirrhotic patients bleeding from varices and treated by urgent sclerotherapy, 1381
 LEAKER B *see* CAMBRIDGE G *et al*
 LECOMTE J M *see* BAUMER Ph *et al*
 LECOUFFE P *see* ADENIS A *et al*
 LEE J A, AHMED Q, HINES J E, BURT A D: Disappearance of hepatic parenchymal nerves in human liver cirrhosis, 87
 LEEN E, COOKE T G, ANGERSON W J, McARDLE C S: Estimation of total hepatic blood flow by duplex ultrasound: *correspondence*, 1293
 LEES W R *see* CHESLYN-CURTIS S *et al*
 GLOVER J R *et al*
 LEES E T *see* EXLEY A R *et al*
 LEHY T, CADIOT G, MIGNON M, RUSZNIEWSKI P, BONFILS S: Influence of multiple endocrine neoplasia type 1 on gastric endocrine cells in patients with the Zollinger-Ellison syndrome, 1275
 LEIPER J B *see* BECKERS E J *et al*
 LEMOINE N R
 BARTON C M, HUGHES C M, HALL P A, GULLICK W J: Potential autocrine loop involving the epidermal growth factor receptor in pancreatic hyperplasia and neoplasia, 427 *abs*
 LEUNG H Y, GULLICK W J: Growth factors in the gastrointestinal tract: *leading article*, 1297
 LENDRUM R *see* LARNER A J and LENDRUM R
 LENNARD-JONES J E *see* NIGHTINGALE J M D *et al*
 O'DONNELL L J D *et al*
 LENNARD T W J *see* RHODES M *et al*
 LENZI M *see* CASSANI F *et al*
 LESNA M *see* WINWOOD P J *et al*
 LEUNG F W *see* ROBERT A *et al*
 LEUNG H Y *see* LEMOINE N R *et al*
 LEVI A J *see* TEAHON K *et al*
 LEVI S *see* BEARDSHALL K *et al*
 LEVIN R J: The diarrhoea of famine and severe malnutrition - is glucagon the major culprit? *leading article*, 432
see also NZEGWU H C and LEVIN R J; YOUNG A and LEVIN R J
 LEWIN M M J *see* SOBHANI I *et al*
 LEWIS-JONES H *see* KINGSNORTH A N *et al*
 LEXER G *see* MEISER G *et al*
 LI A K C *see* MARKHAM N I and LI A K C
 LIAW Y F *see* CHUC M and LIAW Y F
 LICHTENBERG D *see* RUBIN M *et al*
 LINDBERG E
 JARNEROT G, HUITFELDT B: Smoking in Crohn's disease: effect on localisation and clinical course, 779
 MAGNUSSON K-E, TYSK C, JARNEROT G: Antibody (IgG, IgA, and IgM) to baker's yeast (*Saccharomyces cerevisiae*), yeast mannan, gliadin, ovalbumin and betalactoglobulin in monozygotic twins with inflammatory bowel disease, 909
see also HELGELAND L *et al*
 LINDSTRÖM E, BORCH K, KULLMAN E P, TISELIUS H G, IHSE I: Extracorporeal shock wave lithotripsy of bile duct stones: a single institution experience, 1416
 LINTOTT D J *see* THORNTON J R *et al*

- LLOYD D R *see* RILEY S A *et al*
 LLOYD DAVIES S *see* FERREIRA M *et al*
 LO S K, FLEMING K A, CHAPMAN R W: Prevalence of anti-neutrophil antibody in primary sclerosing cholangitis and ulcerative colitis using an alkaline phosphatase technique, 1370
 LOBO A J *see* THORNTON J R *et al*
 LOEHRY C A *see* WINWOOD P J *et al*
 LOFFELD R J L F, STOBBERINGH E E, ARENDS J W: Serum pepsinogens in blood transfusion donors, *correspondence*, 1680
 LOGAN R F A *see* COLIN-JONES D G *et al*
 LOIZOU L A *see* SARGEANT I R *et al*
 LOMBARD M *see* PETERS R *et al*
 WICKS C *et al*
 LONDON N *see* NEOPTOLEMOS J P *et al*
 LONDON N J M *see* WINSLET M *et al*
 LONDONG W *see* SCHINDLEBECK N E *et al*
 LONG R G *see* AMOAH J *et al*
 LÖÖF L *see* BURMAN P *et al*
 LOSOWSKY M S *see* THORNTON J R and LOSOWSKY M S
 LOWE D *see* BATES T *et al*
 LOWE D G *see* KATELARIS P H *et al*
 LOWES J R
 PRIDDLE J D, JEWELL D P: Production of epithelial cell growth factors by lamina propria mononuclear cells, 39
 RADWAN P, PRIDDLE J D, JEWELL D P: Characterisation and quantification of mucosal cytokine that induces epithelial histocompatibility locus antigen-DR expression in inflammatory bowel disease, 315
 LOWNDES R H *see* SHERIDAN W G *et al*
 LUCEY M R, GRAHAM D M, MARTIN P, DI BISCEGLIE A, ROSENTHAL S, WAGGONER J G, MERIOR R M, CAMPBELL D A, NOSTRANT T T, APPELMAN H D: Recurrence of hepatitis B and delta hepatitis after orthotopic liver transplantation, 1390
 LYNCH S *see* PATERSON D *et al*
 LYNCH W *see* WARLTERS A *et al*
 McARDLE C S *see* LEEN E *et al*
 MACCARINI M R *see* STANGHELLINI V *et al*
 McCARTHY D A *see* CAMBRIDGE G *et al*
 STEVENS T R J *et al*
 McCAUUGHAN G W *see* KOOREY D J *et al*
 POKORNÝ C S *et al*
 McCOLL K E L *see* EL NUJUMI A M *et al*
 McCORMICK P A *see* O'BRIEN S *et al*
 McCULLAGH M *see* ANGGIANSAH A *et al*
 MacDERMOTT R P *see* SCHREIBER S *et al*
 MacDONAGH R, SUN W M, THOMAS D G, SMALLWOOD R, READ N W: Anorectal function in patients with complete supracondyl spinal cord lesions, 1532
 MacDONALD T T *see* EVANS C M *et al*
 McERLEAN D *see* O'BRIEN S *et al*
 McGILL I G *see* MOSS S F *et al*
 McGILL M *see* FOULIS A K *et al*
 McGINN F P *see* IREDALE J P *et al*
 McINTYRE A S, THOMPSON D G, DAY S, BURNHAM W R, WALKER E R: Modulation of human upper intestinal nutrient transit by a beta adrenoreceptor mediated pathway, 1062
 McKEE R *see* TRIGER D R *et al*
 McKEE R F, HODSON S, DAWES J, GARDEN O J, CARTER D C: Plasma concentrations of endogenous heparinoids in portal hypertension, 1549
 MacKENZIE J F *see* MORRIS A J *et al*
 McLEOD H *see* MALL A *et al*
 McMAHON M J *see* CURLEY P *et al*
 SUE-LING H M *et al*
 MacMATHUNA P
 O'CONNOR M K, WEIR D G, KEELING P W N: Non-invasive diagnosis of portal vein occlusion by radionuclide angiography, 1671
 see also PETERS R *et al*; WICKS C *et al*
 McMENEMIN R *see* JANKOWSKI J *et al*
 McNURLAN M A *see* HEYS S D *et al*
 MACPHERSON A J S, CHESTER K A, ROBSON L, BJARNASON I, MALCOLM A D B, PETERS T J: Increased expression of C-myc proto-oncogene in biopsies of ulcerative colitis and Crohn's colitis, 651
 MADDERN G J, DENNISON A R, BLUMGART L H: Fatal ascaris pancreatitis: an uncommon problem in the west: *case report*, 402
 MAGNUSSON K-E *see* LINDBERG E *et al*
 MAHAJAN R *see* KHUROO M S *et al*
 MAHER L *see* HOWARD P J *et al*
 MAIURI L *see* FAIS S *et al*
 MÄKI M *see* SAVILAHTI E *et al*
 MALCOLM A D B *see* MACPHERSON A J S *et al*
 MALHOTRA SL: Faecal pH and colon cancer: *correspondence*, 1680
 MALIK A K *see* LAL N *et al*
 MALKINSON C *see* HAWTHORNE A B *et al*
 MALL A, MCLEOD H, DENT D, HICKMAN R: Gastric cancer mucins as clinical markers, *correspondence*, 1681
 MAN W K *see* GOMPERTZ R H K *et al*
 MANHIRE A R *see* POLLER D *et al*
 MANI V *see* RILEY S A *et al*
 MANH J: Ultrarapid urease test: *correspondence*, 1439
 MANOTTI P *see* CASSANI F *et al*
 MANOURY V, BRUNETAUD J M, COCHELARD D, BONIFACE B, CORTOT A, PARIS J C: Endoscopic palliation for inoperable malignant dysphagia: long term follow up, 1602
 MANZANO L, ALVAREZ-MON M, ABREU L, VARGAS J A, DE LA MORENA E, CORUGEDO F, DURANTEZ A: Functional impairment of natural killer cells in active ulcerative colitis: reversion of the defective natural killer activity by interleukin, 2, 246
 MAPSTONE N P, QUIRKE P: Molecular biology and infections of the gut: *leading article*, 1441
 MARCELLIN P, POUTEAU M, RENARD P, GRYNBLAT J-M, COLAS LINHART N, BARDET P, BOK B, BENHAMOU J-P: Sustained hypothyroidism induced by recombinant 'interferon in patients with chronic hepatitis C: *case report*, 855
 MARCHANDISE X *see* ADENIS A *et al*
 MÄRDH S *see* BURMAN P *et al*
 MAREK J *see* FRIC P *et al*
 MARKESICH D C *see* MOSS M T *et al*
 MARKHAM N I, LI A K C: Diverticulitis of the right colon - experience from Hong Kong, 547
 MARKS I N *see* KUMMER A F *et al*
 MARTENS M F W C, HUYBEN C M L C, HENDRIKS Th: Collagen synthesis in fibroblasts from human colon: regulatory aspects and differences with skin fibroblasts, 1664
 MARTIN I *see* SUE-LING H M *et al*
 MARTIN P *see* LUCEY M R *et al*
 MARWAY J S *see* BANERJEE A K *et al*
 MAS A *see* NAVASA M *et al*
 MASSON E A, RHODES J M: Mesalazine associated nephrogenic diabetes insipidus presenting as weight loss: *case report*, 563
 MATHAN M *see* SHAH S *et al*
 MATTHES H *see* STALLMACH A *et al*
 MAXTON D G, MORRIS J A, WHORWELL P J: Non-colonic symptomatology and the irritable bowel: is it really of diagnostic value? *correspondence*, 424
 MAY B *see* TROMM A *et al*
 MAYBERRY J F *see* JAYANTHI V *et al*
 MAYBERRY M K *et al*
 PROBERT C S J *et al*
 SRIVASTAVA E D *et al*
 MAYBERRY M K, PROBERT C, SRIVASTAVA E, RHODES J, MAYBERRY J F: Perceived discrimination in education and employment by people with Crohn's disease: a case control study of educational achievement and employment, 312
 MAYCOCK P *see* THOMAS A G *et al*
 MAZLAM M Z, HODGSON H J F: Peripheral blood monocyte cytokine production and acute phase response in inflammatory bowel disease, 773
 MAZZOLENI G *see* RIDDELL R H *et al*
 TANAKA M *et al*
 MEGGIATO T *see* CAROLI A *et al*
 MEHTA S K *see* LAL N *et al*
 MEIJSEN M A C, TILANUS H W, VAN BLANKENSTEIN M, HOP W C J, ONG G L: Achalasia complicated by oesophageal squamous cell carcinoma: a prospective study in 195 patients, 155
 MEISER G, HEINERMAN M, LEXER G, BOECKL O: Aggressive extracorporeal shock wave lithotripsy of gall bladder stones within wider treatment criteria: fragmentation rate and early results, 277
 MELBY K *see* HUSEBYE E *et al*
 MELSEN F *see* ERIKSEN E F *et al*
 MENKE-PLUYMERS M B E, SCHOUTE N W, MULDER A H, HOP W C J, VAN BLANKENSTEIN M, TILANUS H W: Outcome of surgical treatment of adenocarcinoma in Barrett's oesophagus, 1454
 MENZIES I S *see* TEAHON K *et al*
 MERCURI F *see* CAPOBIANCHI M R *et al*
 MERION R M *see* LUCEY M R *et al*
 MERKEL C, BOLOGNESI M, BELLON S, BIANCO S, HONISCH B, LAMPE H, ANGELI P, GATTA A: Aminopyrine breath test in the prognostic evaluation of patients with cirrhosis, 836
 MEURER M *see* KÁRPÁTI S *et al*
 MEYER B *see* JANSEN H L A *et al*
 MEYER D *see* CURLEY P *et al*
 MEYER-WYSS B *see* WERTH B *et al*
 MEYER ZUM BUSCHENFELDE K-H *see* JANSEN H L A *et al*
 MEYERS W C *see* FAROUK M *et al*
 MICALEFF A *see* LARREY D *et al*
 MICHAEL J *see* DWARAKANATH A D *et al*
 MICHALOWSKI A S: Sulphasalazine in ulcerative colitis: *correspondence*, 1582
 see also GOMPERTZ R H K *et al*
 MICHEL H *see* LARREY D *et al*
 MICKLEFIELD G H *see* TROMM A *et al*
 MIELANTS H, VEYS E M, DE VOS M, CUVELIER C: Increased intestinal permeability in ankylosing spondylitis: *correspondence*, 1150

- MIGLIOLI M *see* GIONCHETTI P *et al*
 MIGNON M *see* LEHY T *et al*
 SOBHANI I *et al*
 MILLA P J *see* DEVANE S P *et al*
 MILLER G V, PRIMROSE J N: Trophic effects of epidermal and transforming growth factors on pancreatic neoplastic proliferation in vitro, 427 *abs*
 MILLER J D B *see* HEYS S D *et al*
 MILLER T Q *see* SONTAG S J *et al*
 MILLER V *see* THOMAS A G *et al*
 MIŁOSZEWSKI K J A *see* RICHARDSON D *et al*
 MINAMI T, TOJO H, SHINOMURA Y, TARUI S, OKAMOTO M: Raised serum activity of phospholipase A2 immunochemically related to group II enzyme in inflammatory bowel disease: its correlation with disease activity of Crohn's disease and ulcerative colitis, 914
 MINET J *see* HERESBACH D *et al*
 MINIERO R *see* CASSANI F *et al*
 MIURA S
 TANAKA S, YOSHIOKA M, SERIZAWA H, TASHIRO H, SHIOZAKI H, IMAEDA H, TSUCHIYA M: Changes in intestinal absorption of nutrients and brush border glycoproteins after total parenteral nutrition in rats, 484
 see also KUROSE I *et al*
 MIYAMOTO T, ITOH M, NOGUCHI Y, YOKOCHI K: Role of intracellular Ca²⁺ and the calmodulin messenger system in pepsinogen secretion from isolated rabbit gastric mucosa, 21
 MIZON C, EL YAMANI J, MIZON J, COLOMBEL J F, CORTOT A: Molecular form of faecal ¹I antitrypsin in patients with Crohn's disease: correspondence, 572
 MIZON J *see* MIZON C *et al*
 MODIGLIANI R *see* COLOMBEL J F *et al*
 MOGHISI K *see* RENWICK P *et al*
 MOLLA A M *see* ALAM N H *et al*
 BARDHAN P K *et al*
 MØLLER H, NISSEN A, MOSBECH J: Use of cimetidine and other peptic ulcer drugs in Denmark 1977-1990 with analysis of the risk of gastric cancer among cimetidine users, 1166
 MOLLNES T E *see* HALSTENSEN T S *et al*
 MONTALBAN C *see* CASTRILLO J M *et al*
 MORELLI A *see* BASSOTTI G *et al*
 MORENO J *see* ESTEVE-COMAS M *et al*
 MORETÓ M, ZABALLA M, SUÁREZ M-J, IBÁÑEZ S, OJEMBARRENA E, CASTILLO J-M: Endoscopic local injection of ethanolamine oleate and thrombin as an effective treatment for bleeding duodenal ulcer: a controlled trial, 456
 MORGAN A P *see* ALDERSON D *et al*
 MORICHAU-BEAUCHANT M *see* LARREY D *et al*
 MORRIS A J
 DUNCAN A, RUSSELL R I: Increased intestinal permeability in ankylosing spondylitis: correspondence reply, 1150
 WASSON L A, MacKENZIE J F: Small bowel enteroscopy in undiagnosed gastrointestinal blood loss, 887
 MORRIS D L *see* WARLTHERS A *et al*
 MORRIS J A *see* MAXTON D G *et al*
 MORRIST T J *see* SRIVASTAVA E D *et al*
 MORRISON J F B *see* HICK D G *et al*
 MORTENSEN N: Rectal and anal endosonography: leading article, 148
 MOSBECH J *see* MØLLER H *et al*
 MOSCOSO G *see* ESCRIG C *et al*
 MOSEKILDE L *see* ERIKSEN E F *et al*
 MOSS M T
 SANDERSON J D, TIZARD M L V, HERMON-TAYLOR J, EL-ZAATARI F A K, MARKSICH D C, GRAHAM D Y: Polymerase chain reaction detection of *Mycobacterium paratuberculosis* and *Mycobacterium avium* subsp *silvaticum* in long term cultures from Crohn's disease and control tissues, 1209
 see also SANDERSON J D *et al*
 MOSS S
 CALAM J: *Helicobacter pylori* and peptic ulcers: the present position: leading article, 289: correspondence, 1293
 see also BEARDSHALL K *et al*
 MOSS S F
 GHOSH P, THOMAS D M, JACKSON J E, CALAM J: Gastric antral vascular ectasia: maintenance treatment with oestrogen-progesterone: case report, 715
 THOMAS D M, MULNIER C, MCGILL I G, HODGSON H J F: Intestinal lymphangiectasia associated with angiofollicular lymph node hyperplasia (Castleman's disease): case report, 135
 MÖSSNER J *see* RÜTHLEIN J *et al*
 MOUNTFORD R A *see* HEATON K W *et al*
 MOURAD F H, GORARD D, THILLAINEYAGAM A V, COLIN-JONES D, FARTHING M J G: Effective treatment of diabetic diarrhoea with somatostatin analogue, octreotide: case report, 1578
 MOWAT A McI *see* AL-DAWoud A *et al*
 MULDER A H *see* MENKE-PLUYMERS M B E *et al*
 MULDER C J J *see* JANSEN H L A *et al*
 MULLER A F: Role of duplex Doppler ultrasound in the assessment of patients with postprandial abdominal pain, 460
 TOGHILL P J: Splenic function in alcoholic liver disease, 1386
 MÜLLER-HÖCKER J *see* GERL A *et al*
 MÜLLER-LISSNER S A *see* SCHINDLEBECK N E *et al*
 MÜLLER M K *see* RÜNZI M *et al*
 MULNIER C *see* MOSS S F *et al*
 MUÑOZ D J B, TASMAN-JONES C, PYBUS J: Effect of *Helicobacter pylori* infection on colloidal bismuth subcitrate concentration in gastric mucus, 592
 MURATORI L *see* CASSANI F *et al*
 MURPHY G *see* RHODES M *et al*
 MURPHY G M *see* WALTERS J R F *et al*
 MURPHY S *see* JANKOWSKI J *et al*
 MURRAY F E, STINCHCOMBE S J, HAWKEY C J: Development of biliary sludge in patients on intensive care unit: results of a prospective ultrasonographic study, 1123
 MURRAY-LYON I M *see* CATTERALL A P and MURRAY-LYON I M
 MURRAY W R *see* FULLARTON G M *et al*
 TEENAN R P and MURRAY W R
 NACCARATO R *see* CAROLI A *et al*
 NAESDAL J *see* BURMAN P *et al*
 NAGATA H *see* KUROSE I *et al*
 NAKAMURA M, SAITO H, KASANUKI J, TAMURA Y, YOSHIDA S: Cytokine production in patients with inflammatory bowel disease, 933
 NAKSHABENDI I *see* AL-DAWoud A *et al*
 NAMIAS B *see* DECAUX G *et al*
 NANSON J K *see* ALLIBONE R O *et al*
 NASH J R G *see* KINGSNORTH A N *et al*
 NASIM M M *see* THOMAS D M *et al*
 NAVASA M, GARCIA-PAGÁN J C, BOSCH J, RIERA J R, BAÑARES R, MAS A, BRUGUERA M, RODÉS J: Portal hypertension in acute liver failure, 965
 NAVEAU S, CHAPUT J C, BEDOSSA P, POYNARD T, PAUPHILET C, INK O, HOUDAYER C, AUBERT A: Cirrhosis as an independent risk factor for colonic adenomas, 535
 NEITHERCUT W D *see* EL NUJUMI A M *et al*
 NEOPTOLEMOS J P
 LONDON N, CARR-LOCKE D L: Endoscopic retrograde pancreateography (ERP): a possible diagnostic role in acute necrotising pancreatitis, 426 *abs*
 see also BARSOUM G H *et al*; IMRAY C H E *et al*; WINSLET M *et al*
 NEUBERGER J M *see* DAVIES M H *et al*
 STRAIN A J and NEUBERGER J M
 NEWCOMB R G *see* SRIVASTAVA E D *et al*
 NICHOLSON G I *see* FRASER A G and NICHOLSON G I
 NIELSEN J, ANDERSEN L P: Chemotactic activity of *Helicobacter pylori* sonicate for human polymorphonuclear leucocytes and monocytes, 738
 NIGHTINGALE J M D
 LENNARD-JONES J E, GERTNER D J, WOOD S R, BARTRAM C I: Colonic preservation reduces need for parenteral therapy, increases incidence of renal stones, but does not change high prevalence of gall stones in patients with a short bowel, 1493
 LENNARD-JONES J E, WALKER E R, FARTHING M J G: Oral salt supplements to compensate for jejunostomy losses: comparison of sodium chloride capsules, glucose electrolyte solution, and glucose polymer electrolyte solution, 759
 NISSEN A *see* MØLLER H *et al*
 NOGUCHI Y *see* MIYAMOTO T *et al*
 NORBU P *see* KATELARIS P H *et al*
 NORÉN O *see* FRIIS S *et al*
 NORTHFIELD T C *see* JAZRAWI R P *et al*
 NOSTRANT T T *see* LUCEY M R *et al*
 NOTT D M *see* JENKINS S A *et al*
 NOUSBAUM J B, ROBASZKIEWICZ M, CAUVIN J M, CALAMENT G, GOUEROU H: Endosonography can detect residual tumour infiltration after medical treatment of oesophageal cancer in the absence of endoscopic lesions, 1459
 NWOKOLO C U, BICKLEY J, ATTARD A R, OWEN R J, COSTAS M, FRASER I A: Evidence of clonal variants of *Helicobacter pylori* in three generations of a duodenal ulcer disease family, 1323
 NYSTRÖM P O *see* OLAISSON G *et al*
 NZEGWU H C, LEVIN R J: Vitamin A deficiency and colonic electrogenic absorption and secretion in the rat, 794
 OATES P S *see* ALLEN A M and OATES P S
 OBESO G *see* CASTRILLO J M *et al*
 O'BRIAIN D S *see* IMAMURA A *et al*
 O'BRIEN C J, SMART H L: Familial coexistence of achalasia and non-achalasic oesophageal dysmotility: evidence for a common pathogenesis: case report, 1421
 O'BRIEN S
 KEOGAN M, CASEY M, DUFFY G, McERLEAN D, FITZGERALD M X, HEGARTY J E: Biliary complications of cystic fibrosis, 387
 KEOGAN M, PATCHETT S, McCORMICK P A, AFDHAL N, HEGARTY J E: Postprandial changes in portal haemodynamics in patients with cirrhosis, 364

- O'CONNELL S *see* SONTAG S J *et al*
 O'CONNOR M K *see* MacMATHUNA P *et al*
 ODERDA G
 VAIRA D, AINLEY C, HOLTON J, OSBORN J, ALTARE F, ANSALDI N: Eighteen month follow up of *Helicobacter pylori* positive children treated with amoxycillin and tinidazole, 1328
 see also YAHAV J *et al*
 O'DOHERTY M J *see* STURGESS I *et al*
 O'DONNELL L J D, ARVIND A S, HOANG P, CAMERON D, TALBOT I C, JEWELL D P, LENNARD-JONES J E, FARTHING M J G: Double blind, controlled trial of 4-aminosalicylic acid and prednisolone enemas in distal ulcerative colitis, 947
 OHKUSA T *see* YAMADA M *et al*
 OJEMBARRENA E *see* MORETÓ M *et al*
 OKAMOTO M *see* MINAMI T *et al*
 OKAYASU I *see* YAMADA M *et al*
 OKON E *see* ELIAKIM R *et al*
 OLAISSON G
 BODEMAR G, NYSTRÖM P O, SMEDH K, SJÖDAHL R: Crohn's disease after ileocolic resection: *correspondence reply*, 1150
 SMEDH K, SJÖDAHL R: Natural course of Crohn's disease after ileocolic resection: endoscopically visualised ileal ulcers preceding symptoms, 331
 OLERUP O *see* ZETTERQUIST H *et al*
 O'MAHONY S *see* ARRANZ E *et al*
 ONG G L *see* MEIJSEN M A C *et al*
 O'ROURKE J S, JOHNSON A, COLLINS P, DUIGNAN J, BOUCHIER-HAYES D: An association between hypocholesterolaemia and colorectal carcinoma in an Irish population, 950
 OSBORN J *see* ODERDA G *et al*
 OWEN G *see* JAMES D R *et al*
 OWEN R J *see* NWOKOLO C U *et al*
 OWEN W J *see* ANGGIANSAH A *et al*
- PADLEY N *see* BATES T 8 *et al*
 PAGANELLI G M *see* GIONCHETTI P *et al*
 PALLONE F
 FAIS S, CAPOBIANCHI M R: Evidence against an autoimmune aetiology for inflammatory bowel diseases: *correspondence*, 1008
 see also CAPOBIANCHI M R *et al*; FAIS S *et al*
 PALMER K R *see* CHOUDARI C P *et al*
 PANAGAMUWA B *see* HOSIE K B *et al*
 PANCREATIC SOCIETY OF GREAT BRITAIN AND IRELAND: 16th annual meeting, Glasgow, 7 and 8 November 1991, abstracts, 426
 PANOS M *see* BIRD G *et al*
 WICKS C *et al*
 PAPACHRYSTOMOU M, BINNIE N R, SMITH A N: Relation between electromyography and anal manometry of the external anal sphincter: *correspondence*, 718
 PAPADOPOULOS A *see* LADAS S D *et al*
 PAPARO G F *see* STANGHELLINI V *et al*
 PAPPAS T N *see* FAROUK M *et al*
 PARIS J C *see* MANOURY V *et al*
 PARK K G M *see* HEYS S D *et al*
 PARKER D, CARLISLE K, READ A E: Superior mesenteric blood flow: *correspondence*, 1583
 PARSONS H G *see* DIAS V C *et al*
 PATCHETT S *see* O'BRIEN S *et al*
 PATERSON D, KERLIN P, WALKER N, LYNCH S, STRONG R: Piroxicam induced submassive necrosis of the liver: *case report*, 1436
 PATERSON K R *see* COLIN-JONES D G *et al*
 PAULLEY J W: Crohn's disease after ileocolic resection: *correspondence*, 1150
 PAUMGARTNER G *see* SAUERBRUCH T *et al*
 PAUPHILET C *see* NAVEAU S *et al*
 PAYNE JAMES J J *see* REES R G P *et al*
 PEACOCK C S *see* BLANSHARD C *et al*
 PEASTON I *see* HAYES P C *et al*
 PELLI M A *see* BASSOTTI G *et al*
 PEÑA A S *see* VEENENDAAL R A *et al*
 PEREIRA L M M B, Langley P G, HAYLLAR K M, TREDRGER J M, WILLIAMS R: Coagulation factor V and VII/V ratio as predictors of outcome in paracetamol induced fulminant hepatic failure: relation to other prognostic indicators, 98
 PÉREZ-MATEO M *see* VIEDMA J A *et al*
 PESKAR B M *see* RUNZI M *et al*
 PETERS R, MACMATHUNA P, LOMBARD M, KARANI J, WESTABY D: Management of common bile duct stones with a biliary endoprosthesis. Report on 40 cases, 1412
 PETERS S G, POMARE E W, FISHER C A: Portal and peripheral blood short chain fatty acid concentrations after caecal lactulose instillation at surgery, 1249
 PETERS T J *see* BANERJEE A K *et al*
 MACPHERSON A J S *et al*
 PETIT A *see* BERGMANN J F *et al*
 PETRITSCH W, EHERER A J, HOLZER-PETSCHÉ U, HINTER-LEITNER T, BEUBLER E, KREJS G J: Effect of cholera toxin on the human jejunum, 1174
 PHILLIPS A D, THOMAS A G, WALKER-SMITH J A: *Cryptosporidium*, chronic diarrhoea and the proximal small intestinal mucosa, 1057
 see also EVANS C M *et al*
 PHILLIPS S F *see* STEADMAN C J *et al*
 PIARD F *see* CHANTERAU M J *et al*
 PIGOZZI M G *see* JAZRAWI R P *et al*
 PILOT M-A *see* ALTOMARE D *et al*
 PINDER D *see* PROBERT C S J *et al*
 PIRIS M A *see* CASTRILLO J M *et al*
 PIROLA R C *see* WILSON J S *et al*
 PIZURNO D *see* CSENDES A *et al*
 PLAYFORD R J
 SCHULENBURG E, HERRINGTON C S, HODGSON H J F: Whipple's disease complicated by a retinal Jarisch-Herxheimer reaction: *case report*, 132
 see also BEARDSHAW K *et al*
 PLEVRISS J N, HAYES P C, HARRISON D J, BOUCHIER I A D: Evidence of hydrogen ion secretion from the human gall bladder in vitro, 554
 POGGIOLI G *see* GIONCHETTI P *et al*
 POKORNÝ C S, McCUAUGHAN G W, GALLAGHER N D, SELBY W S: Sclerosing cholangitis and biliary tract calculi - primary or secondary?, 1376
 POLAK J M *see* ESCRIG C *et al*
 POLLER D, DAWSON J S, MANHIRE A R: Papillary cystic neoplasm of the pancreas: *correspondence*, 1152
 POMARE E W *see* PETERS S G *et al*
 PORSCHEN R, ROBIN U, SCHUMACHER A, SCHAUSEIL S, BOR-CHARD F, HENGELS K J, STROHMEYER G: DNA aneuploidy in Crohn's disease and ulcerative colitis: results of a comparative flow cytometric study, 663
 POTTEN C S
 KELLETT M, REW D A, ROBERTS S A: Proliferation in human gastrointestinal epithelium using bromodeoxyuridine in vivo: data for different sites, proximity to a tumour, and polyposis coli, 524
 KELLETT M, ROBERTS S A, REW D A, WILSON G D: Measurement of in vivo proliferation in human colorectal mucosa using bromodeoxyuridine, 71
 POUTEAU M *see* MARCELLIN P *et al*
 POWELL J J, GREENFIELD S M, THOMPSON R P H: Concentrations of metals in gastric juice in health and peptic ulcer disease, 1617
 POYNARD T *see* NAVEAU S *et al*
 PRAET M *see* DE VOS M *et al*
 PRATHER C M, ZINSMEISTER A R, TALLEY N J: Non-colonic symptomatology and the irritable bowel: is it really of diagnostic value? *correspondence*, 424
 PREEDY V R *see* BANERJEE A K *et al*
 PRICE A *see* BJARNASON I *et al*
 PRIDDLE J D *see* IRELAND A *et al*
 LOWES J R *et al*
 PRIMROSE J N *see* MILLER G V and PRIMROSE J N
 PRINCE C *see* CAPPELLO M *et al*
 PRIOR A
 STANLEY K, SMITH A R B, READ N W: Effect of hysterectomy on anorectal and urethrovesical physiology, 264
 STANLEY K M, SMITH A R B, READ N W: Relation between hysterectomy and the irritable bowel: a prospective study, 814
 PROBERT C *see* MAYBERRY M K *et al*
 PROBERT C S J
 JAYANTHI V, PINDER D, WICKS A C, MAYBERRY J F: Epidemiological study of ulcerative proctocolitis in Indian migrants and the indigenous population of Leicestershire, 687
 JAYANTHI V, WICKS A C B, MAYBERRY J F: Mortality from Crohn's disease in Leicestershire, 1972-1989: an epidemiological community based study, 1226
 JAYANTHI V, WICKS A C, CARR-LOCKE D L, GARNER P, MAYBERRY J F: Epidemiological study of abdominal tuberculosis among Indian migrants and the indigenous population of Leicester, 1972-1989, 1085
 see also JAYANTHI V *et al*
 PROSPERT F *see* DECAUX G *et al*
 PRUTHI R S *see* FAROUK M *et al*
 PRYDE A *see* DE CAESTECKER J S *et al*
 HOWARD P J *et al*
 PUGH R N H: Pugh's grading in the classification of liver decompensation: *correspondence*, 1583
 PULITANO R *see* SATEGNA-GUIDETTI C *et al*
 PURI P *see* IMAMURA A *et al*
 PYBUS J *see* MUÑOZ D J B *et al*
- QUIRKE P: The molecular revolution, coming your way soon: *leading article*, 1
 see also MAPSTONE N P and QUIRKE P; SUE-LING H M *et al*
- RABBANI G H *see* VAN LOON F P L *et al*

- RACHMILEWITZ D: New forms of treatment for inflammatory bowel disease: *leading article*, 1301
- KARMELI F, SCHWARTZ L W, SIMON P L: Effect of aminophenols (5-ASA and 4-ASA) on colonic interleukin-1 generation, 929
see also ELIAKIM R *et al*
- RADLEY S *see* IMRAY C H E *et al*
- RADVAN J *see* HEATON K W *et al*
- RADWAN P *see* LOWES J R *et al*
- RAEDLER A *see* SCHREIBER S *et al*
- RAJGOPAL C *see* CHOUDARI C P *et al*
- RAMAKRISHNA B S *see* SHAH S *et al*
- RAMEE M P *see* HERESBACH D *et al*
- RAMIREZ M *see* ESTEVE-COMAS M *et al*
- RAMPTON D S *see* CAMBRIDGE G *et al*
- DAVIES G R *et al*
- STEVENS T R J *et al*
- RANLOV P J *see* KIILERICH S *et al*
- RANNEM T *see* KIILERICH S *et al*
- RAOUL J L *see* HERESBACH D *et al*
- RAPTIS S A *see* LADAS S D *et al*
- RASK-MADSEN J *see* VAN LOON F P L *et al*
- RATGE D *see* SAREM-ASLANI A *et al*
- RAUWS E A J *see* DAVIDS P H P *et al*
- RAVELLI A M *see* DEVANE S P *et al*
- RAZA A *see* ROMANO M *et al*
- RAZANDI M *see* ROMANO M *et al*
- READ A E *see* CARLISLE K M *et al*
- PARKER D *et al*
- READ N W *see* MacDONAGH R *et al*
- PRIOR A *et al*
- SUN W M *et al*
- REBER H A *see* KARANJIA N D *et al*
- WIDDISON A L *et al*
- REDHEAD D *see* HAYES P C *et al*
- REEN D J *see* IMAMURA A *et al*
- REES A J *see* KELLY S B *et al*
- REES R G P
- HARE W R, GRIMBLE G K, FROST P G, SILK D B A: Do patients with moderately impaired gastrointestinal function requiring enteral nutrition need a predigested nitrogen source? A prospective crossover controlled clinical trial, 877
- PAYNE JAMES J J, GRIMBLE G K, HALLIDAY D, FROST P G, SILK D B A: Glycine nitrogen in total parenteral nutrition: two prospective clinical trials comparing the efficacy of high and low glycine containing amino acid solutions, 848
- REES W D W *see* SHORROCK C J and REES W D W
- REESINK H W *see* JANSEN H L A *et al*
- REID M *see* ANGUS P *et al*
- RENARD P *see* MARCELLIN P *et al*
- RENE E *see* SOBHANI I *et al*
- RENNIE M J *see* THOMAS A G *et al*
- RENWICK P, WHITTON V, MOGHISSI K: Combined endoscopic laser therapy and brachytherapy for palliation of oesophageal carcinoma: a pilot study, 435
- REUNALA T *see* SAVILAHTI E *et al*
- REW D A *see* POTTEN C S *et al*
- REYES F *see* BLAZQUEZ M *et al*
- RHODES J *see* MAYBERRY M K *et al*
- SRIVASTAVA E D *et al*
- RHODES J M *see* MASSON E A and RHODES J M
- RHODES M
- ALLEN A, DOWLING R H, MURPHY G, LENNARD T W J: Inhibition of human gall bladder mucus synthesis in patients undergoing cholecystectomy, 1113
- ALLEN A, LENNARD T W J: Mucus glycoprotein biosynthesis in the human gall bladder: inhibition by aspirin, 1109
- BRADBURN D M: Overview of screening and management of familial adenomatous polyposis, 125
- RICHARDS D *see* TOUGAS G *et al*
- RICHARDSON D, WYATT J I, MILOSZEWSKI K J A: Palliative removal of a giant polypoid 'carcinosarcoma' of the oesophagus by YAG laser photocoagulation of the tumour stalk: *case report*, 1146
- RIDDELL R H
- TANAKA M, MAZZOLENI G: Non-steroidal anti-inflammatory drugs as a possible cause of collagenous colitis: a case-control study, 683
see also TANAKA M *et al*
- RIDINGS P *see* IREDALE J P *et al*
- RIECKEN E O *see* STALLMACH A *et al*
- ULLRICH R *et al*
- RIERA J R *see* NAVASA M *et al*
- RILEY S A, LLOYD D R, MANI V: Tests of renal function in patients with quiescent colitis: effects of drug treatment, 1348
- RIOS-CASTELLANOS E, SITAS F, SHEPHERD N A, JEWELL D P: Changing pattern of gastric cancer in Oxfordshire, 1312
- RIVAS-M C *see* CASTRILLO J M *et al*
- ROBERT A, LEUNG F W, GUTH P H: Morphological and functional gastric cytoprotection by prostaglandin in rats receiving absolute ethanol orally, 444
- ROBERTS G M *see* SRIVASTAVA E D *et al*
- ROBERTS P F *see* FELLOWS I W *et al*
- ROBERTS S A *see* POTTEN C S *et al*
- ROBIN U *see* PORSCHEN R *et al*
- ROBINSON E M *see* JASS J R *et al*
- ROBINSON J C *see* WHITEHEAD W E *et al*
- ROBSON L *see* MACPHERSON A J S *et al*
- ROCCATELLO D *see* SATEGNA-GUIDETTI C *et al*
- ROCHE J-F *see* SCOAZEC J-Y *et al*
- RODE J *see* WALSH T N *et al*
- RODES J *see* NAVASA M *et al*
- ROLANDO N *see* BIRD G *et al*
- ROLSTON D D K *see* SHAH S *et al*
- ROMANO M, RAZANDI M, RAZA A, SZABO S, IVEY J: Cysteamine protects gastric epithelial cell monolayers against drug induced damage: evidence for direct cellular protection by sulphhydryl compounds, 30
- ROMBEAU J L *see* SCHREIBER S *et al*
- ROSENBERG W M C *see* CROTTY B *et al*
- ROSENTHAL S *see* LUCEY M R *et al*
- ROSSOL S *see* JANSEN H L A *et al*
- ROVASZKIEWICZ M *see* NOUSBAUM J B *et al*
- ROWE P A *see* EL NUJUMI A M *et al*
- ROXBURGH J C, WHITFIELD P F, HOBSLEY M: Effect of acute cigarette smoking on gastric secretion, 1170
- RUBIN M, HALPERN Z, CHARACH G, DVIR A, ANTEBI E, GILATT T, LICHTENBERG D: Effect of lipid infusion on bile composition and lithogenicity in patients without cholesterol gall stones, 1400
- RUBINO M *see* ALTOMARE D *et al*
- RUDNICKI M, JØRGENSEN T, THODE J: Increased activity of ionised calcium in gall bladder bile in gall stone disease, 1404
- RUNZI M, PESKAR B M, SCHÖNFELD J V, MÜLLER M K: Importance of endogenous prostaglandins for the toxicity of cyclosporin A to rat endocrine and exocrine pancreas?, 1572
- RUSSELL C O H, BRIGHT N, BUTHPITIYA G, ALEXANDER L, WALTON C, WHELAN G: Oesophageal propulsive force and its relation to manometric pressure, 727
- RUSSELL R C G *see* CHESLYN-CURTIS S *et al*
- WALSH T N *et al*
- RUSSELL R I *see* MORRIS A J *et al*
- RUSZNIEWSKI P *see* LEHY T *et al*
- RÜTHLEIN J
- HEINZE G, AUER I O: Anti-CD2 and anti-CD3 induced T cell cytotoxicity of human intraepithelial and lamina propria lymphocytes, 1626
- IBE M, BURGHARDT W, MÖSSNER J, AUER I O: Immunoglobulin G (IgG), IgG1, and IgG2 determinations from endoscopic biopsy specimens in control, Crohn's disease, and ulcerative colitis, 507
- RYAN J, DUDLEY F: Cholestatic hepatitis associated with clavulanic acid: correspondence, 1583
- SACHAR D B *see* GUMASTE V *et al*
- SACKIER J M *see* KELLY S B *et al*
- SACKMANN M *see* SAUERBRUCH T *et al*
- SAINI A, WAXMAN J: Chemotherapy for gastric cancer: *leading article*, 1153
- SAITO H *see* NAKAMURA M *et al*
- SALAM M A *see* BARDHAN P K *et al*
- SALIM A F M *see* HUNT J B *et al*
- SALMON P R *see* AHMED A *et al*
- SANDERS D S A *see* JANKOWSKI J *et al*
- SANDERSON J D
- HERMON-TAYLOR J: Mycobacterial diseases of the gut: some impact from molecular biology: *leading article*, 145
- MOSS M T, TIZARD M L V, HERMON-TAYLOR J: *Mycobacterium paratuberculosis* DNA in Crohn's disease tissue, 890
see also MOSS M T *et al*
- SAREM-ASLANI A, BERGMANN C H, WALKER S, RATGE D, KLOTZ U, WISSE H: Absence of antibodies stimulating H2-receptor mediated cyclic adenosine monophosphate (cAMP) production in peptic ulcer disease: correspondence, 424
- SARGEANT I R, LOIZOU L A, TOBIAS J S, BLACKMAN G, THORPE S, BOWN S G: Radiation enhancement of laser palliation for malignant dysphagia: pilot study, 1597
- SARKER S A, GYR K: Non-immunological defence mechanisms of the gut: progress report, 987
- SARRAF C E *see* WATANAPA P *et al*
- SATEGNA-GUIDETTI C, FERFOGLIA G, BRUNO M, PULITANO R, ROCCATELLO D, AMORE A, COPPO R: Do IgA antigliadin and IgA antiendomysium antibodies show there is latent coeliac disease in primary IgA neuropathy?, 476
- SAUERBRUCH R, HOLL J, SACKMANN M, PAUMGARTNER G: Extracorporeal lithotripsy of pancreatic stones in patients with chronic pancreatitis and pain: a prospective follow up study, 969
- SAUNDERS J R *see* EMBAYE H *et al*
- SAVILAHTI E, REUNALA T, MÄKI M: Increase of lymphocytes bearing

- the gamma/delta T cell receptor in the jejunum of patients with dermatitis herpetiformis, 206
- SCALON P *see CAROLI A et al*
- SCHALHORN A *see GERL A et al*
- SCHALM S W *see JANSSEN H L A et al*
- SCHAUB U *see HADZISELIMOVIC F et al*
- SCHAUSEIL S *see PORSCHEN R et al*
- SCHILDBERG F W *see GERL A et al*
- SCHINDLEBECK N E, KLAUSER A G, BERGHAMMER G, LONDONG W, MULLER-LISSNER S A: Three year follow-up of patients with gastroesophageal reflux disease, 1016
- SCHLESSER M *see DECAUX G et al*
- SCHMIDT F W *see WAGNER S et al*
- SCHNELL T G *see SONTAG S J et al*
- SCHÖNFELD J V *see RÜNZI M et al*
- SCHOONJANS R *see DE VOS M et al*
- SCHOUTE N W *see MENKE-PLUYMERS M B E et al*
- SCHREIBER S, RAEDLER A, CONN A R, ROMBEAU J L, MacDERMOTT R P: Increased in vitro release of soluble interleukin 2 receptor by colonic lamina propria mononuclear cells in inflammatory bowel disease, 236
- SCHULENBURG E *see PLAYFORD R J et al*
- SCHUMACHER A *see PORSCHEN R et al*
- SCHUSTER M M *see WHITEHEAD W E et al*
- SCHWALL M *see JOHNSON C D et al*
- SCHWARTZ J C *see BAUMER Ph et al*
- SCHWARTZ L W *see RACHMILEWITZ D et al*
- SCHWEGLER U *see TROMM A et al*
- SCOAZEC J-Y, BOUMA M-E, ROCHE J-F, BLACHE D, VERTHIER N, FELDMANN G, GAY G: Liver fibrosis in a patient with familial homozygous hypobetalipoproteinemia: possible role of vitamin supplementation: *case report*, 414
- SCOTT D *see FERREIRA M et al*
- SCOTT H *see HVATUM M et al*
- SCOTT M *see ALTOMARE D et al*
- SCRIMGEOUR C M *see THOMAS A G et al*
- SEGRESTA J M *see BERGMANN J F et al*
- SEIBOLD F, WEBER P, KLEIN R, BERG P A, WIEDMANN K H: Clinical significance of antibodies against neutrophils in patients with inflammatory bowel disease and primary sclerosing cholangitis, 657
- SEIDEL U J *see SONTAG S J et al*
- SEKIZUKA E *see KUROSE I et al*
- SELBY W S *see POKORNÝ C S et al*
- SELDEN A C *see HODGSON H J F and SELDEN A C VESEY D A et al*
- SELLERI L *see CASSANI F et al*
- SEMBENINI C *see BENINI L et al*
- SENALDI G *see BIRD G et al*
- SERIZAWA H *see MIURA S et al*
- SHAH S, THOMAS V, MATHAN M, CHACKO A, CHANDY G, RAMAKRISHNA B S, ROLSTON D K: Colonoscopic study of 50 patients with colonic tuberculosis, 347
- SHAHEEN M Z *see HAWTHORNE A B et al*
- SHAKER R, KAHRLAS P J, DODDS W J, HOGAN W J: Oesophageal clearance of small amounts of equal or less than one millilitre of acid, 7
- SHAW J *see BURRA P et al*
- SHEPHERD N A *see RIOS-CASTELLANOS E et al*
- SHER K S *see JAYANTHI V et al*
- SHERIDAN W G, LOWNDES R H, WILLIAMS G T, YOUNG H L: Determination of a critical level of tissue oxygenation in acute intestinal ischaemia, 762
- SHIELDS R: British Society of Gastroenterology - Presidential review of the year's activity 1990-91, 569
see also JENKINS S A et al
- SHINOMURA Y *see MINAMI T et al*
- SHIOZAKI H *see KUROSE I et al*
MIURA S et al
- SHORROCK C J, REES W D W: Mucosal adaptation to indomethacin induced gastric damage in man - studies on morphology, blood flow, and prostaglandin EU2U metabolism, 164
- SHORVON P J *see GLOVER J R et al*
- SIBLEY R K *see FOULIS A K et al*
- SIE L H *see TIO T L et al*
- SIEBER C, BEGLINGER C, JÄGER K, STALDER G A: Intestinal phase of superior mesenteric artery blood flow in man, 497: *correspondence*, , 1583
- SIGNER E *see HADZISELIMOVIC F et al*
- SILK D B A *see REES R G P et al*
- SIMMONDS N J *see DAVIES G R et al*
STEVENS T R J et al
- SIMON P L *see RACHMILEWITZ D et al*
- SINGH K *see LAL N et al*
- SINGH P, ADAMOPOULOS A, TAYLOR R H, COLIN-JONES D G: Oesophageal motor function before and after healing of oesophagitis, 1590
- SIPROUDHIS L *see HERESBACH D et al*
- SITAS F
- YARNELL J, FORMAN D: *Helicobacter pylori* infection rates in relation to age and social class in a population of Welsh men: *correspondence*, 1582
see also RIOS-CASTELLANOS E et al
- SJÖDAHL R *see OLAISON G et al*
- SJÖSTRÖM H *see FRIIS S et al*
- SKAR V *see HUSEBYE E et al*
- SLABÝ J *see FRIČ P et al*
- SLATER S *see TEARE J P et al*
- SMALLWOOD R *see MacDONAGH R et al*
- SMART H L *see O'BRIEN C J and SMART H L*
- SMEDH K *see OLAISON G et al*
- SMETHODURST P *see BJARNASON I et al*
TEAHON K et al
- SMITH A N *see PAPACHRYSTOMOU M et al*
- SMITH A R B *see PRIOR A et al*
- SMITH P A *see KINGSNORTH A N et al*
- SMITH P M *see SRIVASTAVA E D et al*
- SMITH V V *see DEVANE S P et al*
- SMOK G *see CSENDES A et al*
- SMOUT A J P M, DeVORE M S, DALTON C B, CASTELL D O: Cerebral potentials evoked by oesophageal distension in patients with non-cardiac chest pain, 298
- SNOOK J A *see ANGUS P et al*
- SOBHANI I, HOCHLAF S, DENIZOT Y, VISSUZAIN C, RENE E, BENVENISTE J, LEWIN M M J, MIGNON M: Raised concentrations of platelet activating factor in colonic mucosa of Crohn's disease patients, 1220
- SOMERS S *see TOUGAS G et al*
- SONTAG S J, SCHNELL T G, MILLER T Q, KHANDELWAL S, O'CONNELL S, CHEJFEC G, GREENLEE H, SEIDEL U J, BRAND L: Prevalence of oesophagitis in asthmatics, 872
- SØRENSEN O H *see ERIKSEN E F et al*
- SOULÉ J-C *see BLAZQUEZ M et al*
- SOUPART A *see DECAUX G et al*
- SPENCER E F A *see TRIGER D R et al*
- SPENCER J *see GOMPERTZ R H K et al*
- SPIGARIOLI F *see CAROLI A et al*
- SPINAS G A *see WERTH B et al*
- SQUILLANTE L *see DAS K M et al*
- SRIVASTAVA E *see MAYBERRY M K et al*
- SRIVASTAVA E D, MAYBERRY J F, MORRIS T J, SMITH P M, WILLIAMS G T, ROBERTS G M, NEWCOMBE R G, RHODES J: Incidence of ulcerative colitis in Cardiff over 20 years: 1968-87, 256
- STACHURA J *see KONTUREK S J et al*
- STALDER G A *see SIEBER C et al*
- STALLMACH A, LAMPE B V, MATTHES H, BORNHÖFT G, RIECKEN E O: Diminished expression of integrin adhesion molecules on human colonic epithelial cells during the benign to malign tumour transformation, 342
- STANGHELLINI V, GHIDINI C, MACCARINI M R, PAPARO G F, CORINALDESI R, BARBARA L: Fasting and postprandial gastrointestinal motility in ulcer and non-ulcer dyspepsia, 184
- STANLEY K *see PRIOR A et al*
- STANLEY K M *see PRIOR A et al*
- STEADMAN C J, PHILLIPS S F, CAMILLERI M, TALLEY N J, HADDAD A, HANSON R: Control of muscle tone in the human colon, 541
- STEELE R J C *see IFTIKHAR S Y et al*
- STEVENS T R J
- JAMES J P, SIMMONDS N J, McCARTHY D A, LAURENSEN I F, MADDISON P J, RAMPTON D S: Circulating von Willebrand factor in inflammatory bowel disease, 502
see also CAMBRIDGE G et al; DAVIES G R et al
- STEVENSON G W *see TOUGAS G et al*
- STEWART S M *see JASS J R and STEWART S M*
- STINCHCOMBE S J *see MURRAY F E et al*
- STOBBERINGH E *see LOFFELD R J L F et al*
- STOLZ W *see KÁRPÁTI S et al*
- STONEBRIDGE B R *see ALDERSON D et al*
- STORCK M *see GERL A et al*
- STRAIN A J, NEUBERGER J M: Hepatocyte growth factor: *correspondence*, 286
- STRICKLAND N H, DAWSON P: Angiographic demonstration of intrahepatic termination of left gastric vein: a venous anomaly: *case report*, 565
- STROHMEYER G *see PORSCHEN R et al*
- STRONG R *see PATERSON D et al*
- STURGESS I, GREENFIELD S M, TEARE J, O'DOHERTY M J: Ulcerative colitis developing after amoebic dysentery in a haemophilic patient with AIDS: *case report*, 408
- STURGESS R P *see ELLIS H J et al*
- SUÁREZ M-J *see MORETÓ M et al*
- SUE-LING H M, MARTIN I, GRIFFITH J, WARD D C, QUIRKE P, DIXON M F, AXON A T R, McMAHON M J, JOHNSTON D: Early gastric cancer: 46 cases treated in one surgical department, 1318
- SUEMATSU M *see KUROSE I et al*
- SUMBOONNANONDA K *see ANGGIANSAH A et al*

- SUN W M
 DONNELLY T C, READ N W: Utility of a combined test of anorectal manometry, electromyography, and sensation in determining the mechanisms of 'idiopathic' faecal incontinence, 807
see also MacDONAGH R et al
- SUOMALAINEN H, ISOLAURI E, KAILA M, VIRTANEN E, ARVILOMMI H: Cow's milk provocation induces an immune response to unrelated dietary antigens, 1179
- SUTHERLAND D E R *see FOULIS A K et al*
- SWANN R A *see EXLEY A R et al*
- SYMES M O *see ALDERSON D et al*
- SZABO S *see ROMANO M et al*
- SZALAY F *see TULASSAY Z et al*
- TAKAHASHI K *see ESCRIG C et al*
- TAKIZAWA T *see GOSEKI N et al*
- TALBOT I C *see O'DONNELL L J D et al*
- TALLEY N J *see PRATHER C M et al*
 STEADMAN C J *et al*
- TAMPIERI M *see GIONCHETTI P et al*
- TAMURA Y *see NAKAMURA M et al*
- TANAKA M
 MAZZOLENI G, RIDDELL R H: Distribution of collagenous colitis: utility of flexible sigmoidoscopy, 65
see also RIDDELL R H et al
- TANAKA S *see MIURA S et al*
- TARUI S *see MINAMI T et al*
- TASHIRO H *see KUROSE I et al*
 MIURA S *et al*
- TASMAN-JONES C *see MUÑOZ D J B et al*
- TAY H H *see KANG J Y et al*
- TAYLOR B A *see JENKINS S A et al*
- TAYLOR F *see THOMAS A G et al*
- TAYLOR R H *see SINGH P et al*
- TEAHON K, SMETHURST P, LEVIA J, MENZIES I S, BJARNASON I: Intestinal permeability in patients with Crohn's disease and their first degree relatives, 320
- TEARE J *see STURGESSION I et al*
- TEARE J P, GREENFIELD S M, SLATER S: Rectal lymphoma after colectomy for ulcerative colitis: *case report*, 138
- TEBBUTT S *see THOMAS M G et al*
- TEENAN R P, MURRAY W R: Small bowel haemorrhage due to cytomegalovirus vasculitis: *correspondence*, 862
- TEH M *see WEE A et al*
- TERRACE D *see HAYES P C et al*
- TERRITO M C *see CRAIG P M et al*
- THEIS B A *see WALSH T N et al*
- THILLAINAYAGAM A V
 FARTHING M J G: Ultrarapid urease test: *correspondence reply*, 1439
see also HUNT J B et al; MOURAD F H et al
- THODE J *see RUDNICKI M et al*
- THOMAS A G
 MILLER V, TAYLOR F, MAYCOCK P, SCRIMGEOUR C M, RENNIE M J: Whole body protein turnover in childhood Crohn's disease, 675
see also PHILLIPS A D et al
- THOMAS D G *see MacDONAGH R et al*
- THOMAS D M
 NASIM M M, GULLICK W J, ALISON M R: Immunoreactivity of transforming growth factor alpha in the normal adult gastrointestinal tract, 628
see also MOSS S F et al
- THOMAS M C *see WILSON J S et al*
- THOMAS M G, TEBBUTT S, WILLIAMSON R C N: Vitamin D and its metabolites inhibit cell proliferation in human rectal mucosa and a colon cancer cell line, 1660
- THOMAS V *see SHAH S et al*
- THOMPSON D G *see McINTYRE A S et al*
- THOMPSON H *see BARSOUM G H et al*
- THOMPSON R P H *see JENKINS A P et al*
 JENKINS A P and THOMPSON R P H
 POWELL J J *et al*
- THOMSON H J *see FAROUK M et al*
- THORBURN H A, CARTER K B, GOLDBERG J A, FINLAY I G: Does ispaghula husk stimulate the entire colon in diverticular disease?, 352
- THORNTON J R
 LOBO A J, LINTOTT D J, AXON A T R: Value of ultrasound and liver function tests in determining the need for endoscopic retrograde cholangiopancreatography in unexplained abdominal pain, 1559
- LOSOWSKY M S: Septicaemia after colonoscopy in patients with cirrhosis: *correspondence reply*, 718
- THORPE S *see SARGEANT I R et al*
- TIGLER-WYBRANDI N A *see KUMMER A F et al*
- TILANUS H W *see MEIJSEN M A C et al*
 MENKE-PLUYMERS M B E *et al*
- TIO T L, SIE L H, VERBEEK P C M, DE WIT L T, TYTGAT G N J:
 Endosonography in diagnosing and staging duodenal villous adenoma: *case report*, 567
- TIPPETT G H K *see KATELARIS P H et al*
- TISELIUS H G *see LINDSTRÖM E et al*
- TIZARD M L V *see MOSS M T et al*
 SANDERSON J D *et al*
- TOBIAS J S *see SARGEANT I R et al*
- TOGHILL P J *see MULLER A F and TOGHILL P J*
- TOJO H *see MINAMI T et al*
- TOMASZEWSKA R *see KONTUREK S J et al*
- TOMENSON B *see GUTHRIE E A et al*
- TORPIER G *see COLOMBEL J F et al*
- TOUGAS G, ANVARI M, DENT J, SOMERS S, RICHARDS D, STEVENSON G W: Relation of pyloric motility to pyloric opening and closure in healthy subjects, 466
- TOVEY D G *see BLANSHARD C et al*
- TOVEY F I, YIU Y C, HUSBAND E M, BAKER L, JAYARAJ A P: *Helicobacter pylori* and peptic ulcer recurrence: *correspondence*, 1293
- TOWNSEND P *see BADGER I L R et al*
- TREDE M *see JOHNSON C D et al*
- TREDGER J M *see PEREIRA L M M B et al*
- TREGASKIS B *see JANKOWSKI J et al*
- TRENT R J *see KOOREY D J et al*
- TRIGER D R: Bleeding varices in the elderly: *leading article*, 1009
 JOHNSON A G, BRAZIER J E, JOHNSTON G W, SPENCER E F A, MCKEE R, ANDERSON J R, CARTER D C: A prospective trial of endoscopic sclerotherapy v oesophageal transection and gastric devascularisation in the long term management of bleeding oesophageal varices, 1553
- TRIKI R *see BERGMANN J F et al*
- TROMM A, HÜPPE D, MICKLEFIELD G H, SCHWEGLER U, MAY B: Acute pancreatitis complicating Crohn's disease: mere coincidence or causality: *case report*, 1289
- TRONCONE R *see FAIS S et al*
- TSUCHIYA M *see KUROSE I et al*
 MIURA S *et al*
- TUDOR M *see WICKS C et al*
- TULASSAY Z, SZALAY F, ACHARYA M: Omeprazole versus ranitidine in the treatment of resistant duodenal ulcer: *correspondence*, 863
- TURNBERG L A *see WARDLE T D et al*
- TVEDÉ N *see BRYNSKOV J et al*
- TYSK C *see HELGELAND L et al*
 LINDBERG E *et al*
- TYTGAT G N J *see CRAANEN M E et al*
 DAVIDS P H P *et al*
 TIO T L *et al*
- UEDA T *see WADA R et al*
- ULLRICH R, HEISE W, BERGS C, L'AGE M, RIECKEN E O, ZEITZ M: Gastrointestinal symptoms in patients infected with human immunodeficiency virus: relevance of infective agents isolated from gastrointestinal tract, 1080
- VAERMAN J P *see COLOMBEL J F et al*
- VAIRA D *see ODERDA G et al*
- VALDIMARSSON H *see ARNASON J A et al*
- VAN BLANKENSTEIN M *see MEIJSEN M A C et al*
 MENKE-PLUYMERS M B E *et al*
- VAN DER POEL K I *see VAN DER VLIET A et al*
- VAN DER VLIET A, VAN DER POEL K I, BAST A: Intestinal smooth muscle dysfunction after intraperitoneal injection of zymosan in the rat: are oxygen radicals involved?, 336
- VAN DUIJN W *see VEENENDAAL R A et al*
- VAN GOSSUM A *see LE MOINE O et al*
- VAN LOON F P L, RABBANI G H, BUKHAVE K, RASK-MADSEN J: Indomethacin decreases jejunal fluid secretion in addition to luminal release of prostaglandin E2 in patients with acute cholera, 643
- VANDERMEEREN A *see LE MOINE O et al*
- VANTINI I *see BENINI L et al*
- VARGAS J A *see MANZANO L et al*
- VARNDELL I M *see ESCRIG C et al*
- VARRENTTRAPP M *see WAGNER S et al*
- VARSAMIDAKIS N *see DAVIDSON B et al*
- VECCHI M *see DAS K M et al*
- VEENENDAAL R A, BIEMOND I, PEÑA A S, VAN DUIJN W, KREUNING J, LAMERS C B H W: Influence of age and *Helicobacter pylori* infection on serum pepsinogens in healthy blood transfusion donors, 452; *correspondence reply*, 1680
- VERBEEK P C M *see TIO T L et al*
- VERDIEVEL H *see DE VOS M et al*
- VEREERSTRAETEN A *see LE MOINE O et al*
- VEREERSTRAETEN P *see LE MOINE O et al*
- VERGANI D *see BIRD G et al*
- VERTHIER N *see SCOAZEC J-Y et al*
- VESEY D A
 SELDEN A C, WOODMAN A C, HODGSON H J F: Effect of *in vivo* administration of an antibody to epidermal growth factor on the rapid

- increase in DNA synthesis induced by partial hepatectomy in the rat, 831
 WOODMAN A C, HODGSON H J F: Galactosamine induced hepatitis induces a reduction in hepatocyte epidermal growth factor receptors, 954
 VESSEY M P see COLIN-JONES D G et al
 VETEL J M see BAUMER Ph et al
 VEYS E M see MIELANTS H et al
 VIAL T see LARREY D et al
 VIEDMA J A, PÉREZ-MATEO M, DOMÍNGUEZ J E, CARBALLO F: Role of interleukin-6 in acute pancreatitis. Comparison with C-reactive protein and phospholipase A, 1264
 VILLEN M see BRYNSKOV J et al
 VIRTANEN E see KAILA M et al
 SUOMALAINEN H et al
 VISSUZAINNE C see SOBHANI I et al
 VLAVIANOS P see WICKS C et al
 VOLTA U see CASSANI F et al
- WADA R, YAGIHASHI S, KONTA R, UEDA T, IZUMIYAMA T: Gastric polyposis caused by multifocal histiocytosis X: case report, 994
 WAGGONER J G see LUCEY M R et al
 WAGNER S
 GEBEL M, HARUMA K, BÄR W, LANGE P, FREISE J, GLADZIWA U, SCHMIDT F W: Bismuth subsalicylate in the treatment of HU2u blocker resistant duodenal ulcers: role of *Helicobacter pylori*, 179
 GLADZIWA U, HARUMA K, VARRENTRAPP M, GEBEL M: Effect of *Helicobacter pylori* infection on 24 hour intragastric acidity in patients with gastritis and duodenal ulcer, 1024
 WAIN E see COLOMBEL J F et al
 WALDRON D see ALTOMARE D et al
 WALDUM H L see BRENNA E and WALDUM H L
 WALKER A R P, WALKER B F: Faecal pH and colon cancer: correspondence, 572
 WALKER B F see WALKER A R P and WALKER B F
 WALKER E R see McINTYRE A S et al
 NIGHTINGALE J M D et al
 WALKER N see PATERSON D et al
 WALKER S see SAREM-ASLANI A et al
 WALKER-SMITH J A see EVANS C M et al
 PHILLIPS A D et al
 WALLACE J L see DIAS V C et al
 WALLAERT B see ADENIS A et al
 WALLIN L, BOESBY S: Prospective clinical and manometric study comparing pneumatic dilatation and sublingual nifedipine in the treatment of oesophageal achalasia: correspondence, 288
 WALSH J H see CRAIG P M et al
 WALSH T N, RODE J, THEIS B A, RUSSELL R C G: Minimal change chronic pancreatitis, 1566
 WALTERS J R F, HOOD K A, GLEESON D, ELLUL J P M, KEIGHTLEY A, MURPHY G M, DOWLING R H: Combination therapy with oral ursodeoxycholic and chenodeoxycholic acids: pretreatment computed tomography of the gallbladder improves gallstone dissolution efficacy, 375
 WALTON C see RUSSELL C O H et al
 WANDALL J H: Effects of omeprazole on neutrophil chemotaxis, super oxide production, degranulation, and translocation of cytochrome b-245, 617
 WARD D C see SUE-LING H M et al
 WARDLE T D, HALL L, TURNBERG L A: Use of coculture of colonic mucosal biopsies to investigate the release of eicosanoids by inflamed and uninflamed mucosa from patients with inflammatory bowel disease, 1644
 WARLTERS A, MORRIS D L, CAMERON-STRANGE A, LYNCH W: Effect of electrohydraulic and extracorporeal shock waves on gastrointestinal cancer cells and their response to cytotoxic agents, 791
 WARZECZA Z see KONTUREK S J et al
 WASSON L A see MORRIS A J et al
 WATANAPA P
 EGAN M, DEPREZ P H, CALAM J, ALISON M R, WILLIAMSON R C N: Pancreatic adaptation to proximal small bowel resection is abolished by the CCK antagonist CR-1409, 427 abs
 EGAN M, DEPREZ P H, CALAM J, SARRAF C E, ALISON M R, WILLIAMSON R C N: Role of cholecystokinin in pancreatic adaptation to massive enterectomy, 959
 FLAKS B, DEPREZ P H, CALAM J, WILLIAMSON R C N: Duodenogastric reflux enhances experimental pancreatic carcinogenesis, 428 abs
 WILLIAMSON R C N: Pancreatic sphincterotomy and sphincteroplasty: leading article, 865
 WATSON S see IFTIKHAR S Y et al
 WAXMAN J see SAINI A and WAXMAN J
 WEBER P see SEIBOLD F et al
 WEE A, KANG J Y, TEH M: *Helicobacter pylori* and gastric cancer: correlation with gastritis, intestinal metaplasia, and tumour histology, 1029
 WEIR D G see MacMATHUNA P et al
 WELCH M, DURRANS D: Septicaemia after colonoscopy in patients with cirrhosis: correspondence, 718
 WELLS P N T see CARLISLE K M et al
- WERTH B, MEYER-WYSS B, SPINAS G A, DREWE J, BEGLINGER C: Non-invasive assessment of gastrointestinal motility disorders in diabetic patients with and without cardiovascular signs of autonomic neuropathy, 1199
 WESTABY D see PETERS R et al
 WICKS C et al
 WHELAN G see RUSSELL C O H et al
 WHICHER J T see CURLEY P et al
 WHITEHEAD W E, CROWELL M D, ROBINSON J C, HELLER B R, SCHUSTER M M: Effects of stressful life events on bowel symptoms: subjects with irritable bowel syndrome compared with subjects without bowel dysfunction, 825
 WHITFIELD P F see ROXBURGH J C et al
 WHITTLE B J R see HAWTHORNE A B et al
 WHITTON V see RENWICK P et al
 WHORWELL P J see GUTHRIE E A et al
 MAXTON D G et al
 WICKS A C see PROBERT C S J et al
 WICKS A C B see PROBERT C S J et al
 WICKS C, GIMSON A, VLAVIANOS P, LOMBARD M, PANOS M, MACMATHUNA P, TUDOR M, ANDREWS K, WESTABY D: Assessment of the percutaneous endoscopic gastrostomy feeding tube as part of an integrated approach to enteral feeding, 613
 WIDDISON A L
 KARANJIA N D, KNIGHT M J, REBER H A: A rationale for levamisole in the development of pancreatic infection in acute necrotising pancreatitis, 426 abs
 see also KARANJIA N D et al
 WIDÉN E see ERIKSSON J et al
 WIEDMANN K H see SEIBOLD F et al
 WILLARS J E see HAWTHORNE A B et al
 WILLIAMS C see AMOAH J et al
 WILLIAMS G J see HICK D G et al
 WILLIAMS G T see BUTTERWORTH R J et al
 SHERIDAN W G et al
 SRIVASTAVA E D et al
 WILLIAMS N see ALTOMARE D et al
 WILLIAMS R see BIRD G et al
 PEREIRA L M M B et al
 WILLIAMSON B: Gene therapy: leading article, 1585
 WILLIAMSON P J see WINWOOD P J et al
 WILLIAMSON R C N see DING S-F et al
 FOSTER C S and WILLIAMSON R C N
 THOMAS M G et al
 WATANAPA P et al
 WATANAPA P and WILLIAMSON R C N
 WILMANNS W see GERL A et al
 WILSON G D see POTTEN C S et al
 WILSON J S, APTE M V, THOMAS M C, HABER P S, PIROLA R C: Effects of ethanol, acetaldehyde and cholesteryl esters on pancreatic lysosomes, 1099
 WILSON R G see EDWARDS C A et al
 WINGATE D L, KUMAR D: Rectal motor activity: correspondence, 1149
 WINSLET M, HALL C, LONDON N J M, NEOPTOLEMOS J P: Relation of diagnostic serum amylase levels to aetiology and severity of acute pancreatitis, 982
 WINWOOD P J, IREDALE J P, WILLIAMSON P J, LESNA M, LOEHRY C A: Thrombotic thrombocytopenic purpura mimicking acute small bowel Crohn's disease: case report, 857
 WISSEY H see SAREM-ASLANI A et al
 WOOD C see DING S-F et al
 WOOD C B see DING S-F et al
 KELLY S B et al
 WOOD S R see NIGHTINGALE J M D et al
 WOODMAN A C see VESEY D A et al
 WORMSLEY K G see JANKOWSKI J et al
 WYATT J I see RICHARDSON D et al
- YAGIHASHI S see WADA R et al
 YAHAV J, ODERDA G, DIVER-HABER A, KELLER N, JONAS A: Mucosal peptic activity during *Helicobacter pylori* infection in pediatric patients, 1162
 YAMADA M, OHKUSA T, OKAYASU I: Occurrence of dysplasia and adenocarcinoma after experimental chronic ulcerative colitis in hamsters induced by dextran sulphate sodium, 1521
 YARNELL J see SITAS F et al
 YIU Y C see TOVEY F I et al
 YOKOCHI K see MIYAMOTO T et al
 YOSHIDA S see NAKAMURA M et al
 YOSHIOKA M see MIURA S et al
 YOUNG A, LEVIN R J: Intestinal hypersecretion of the refed starved rat: a model for alimentary diarrhoea, 1050
 YOUNG G O see KUMMER A F et al
 YOUNG G P see ALBERT V and YOUNG G P
 YOUNG H L see SHERIDAN W G et al
 YOUNG P J see JASS J R et al
 YOUNGS D see HALL C et al

YU C *see* JANKOWSKI J *et al*

ZABALLA M *see* MORETÓ M *et al*

ZAMBELLI C *see* CAROLI A *et al*

ZARGAR S A *see* KHUROO M S *et al*

ZAULI D *see* CASSANI F *et al*

ZEITZ M *see* ULLRICH R *et al*

ZETTERQUIST H, BROOMÉ U, EINARSSON K, OLERUP O: HLA class II genes in primary sclerosing cholangitis and chronic inflammatory bowel disease: no HLA-DRw52a association in Swedish patients with sclerosing cholangitis, 942

ZINSMEISTER A R *see* PRATHER C M *et al*

SUBJECT INDEX – SUPPLEMENTS, MARCH AND SEPTEMBER 1992

- Absorption**
and secretion, mechanisms, S56-S58 (Mar.)
and small bowel obstruction, S46 (Sept.)
- Achalasia**
in elderly subjects, common and difficult to treat, S30 (Sept.)
oesophageal acid exposure, S61 (Mar.)
- Acid reflux, oesophageal response**, S11 (Sept.)
- Acid secretion**
gastrin-mediated, lowered by *H. pylori* eradication, in DU patients, S28 (Sept.)
gastrin receptor antagonist CAM-1028 inhibiting, S32 (Sept.)
and parietal cell sensitivity to gastrin, changes, in DU patients after eradication of *H. pylori*, S28 (Sept.)
- Acid suppressing drugs** in general practice, S9 (Mar.)
- Acromegaly**, octreotide-associated gallbladder stones, pathogenesis, S26 (Mar.)
- Adenomatous polyps**
nutrient antioxidants have effect on colonic crypt cell proliferation, S70 (Mar.)
synchronous, new phenotypic feature of familial colorectal cancer? S1 (Mar.)
- Adenovirus**, detection, community-acquired diarrhoea, S44 (Mar.)
- Adhesion molecules**
expression in gluten-challenged coeliac disease rectal mucosa, S67 (Sept.)
utilised in binding of intraepithelial lymphocytes to human enterocytes, S43 (Mar.)
- Affective disorder**, and IBS, S23 (Mar.)
- Albumin**, faecal, indicator of asymptomatic colorectal neoplasia, S69 (Mar.)
- Alcohol**
chronically fed to rats, lipid peroxidation, S25 (Sept.)
and ranitidine, S10 (Mar.)
- Alcoholic liver disease**
chronic, increased IL-1 and IL-6 production, S53 (Mar.)
splenic function, S55 (Mar.)
- Aldehyde sensitivity**, incidence in endoscopy units, S52 (Mar.)
- Allapurinol**, cytoprotective effect on gastric mucosa, rats, S60 (Sept.)
- Alpha-1-antitrypsin deficiency** and severe pulmonary emphysema, liver function, S14 (Mar.)
- Amino-acid** versus oligopeptide based enteral feeds in active CD, S3 (Sept.)
- Aminoacids**, intravenous, promote gallbladder motility and CCK release, S59 (Sept.)
- 5-Aminolaevulinic acid photosensitisation**, kinetics, normal rat stomach, S71 (Mar.)
- Anal dilatation** justification, S7 (Sept.)
- Anal endosonography** and concurrent electromyography, S28 (Sept.)
- Anal fistula**, imaging with MRI, S64 (Mar.)
- Anal sphincter**
anatomy, redefined, endosonographic dissection and in vitro studies, S65 (Mar.)
disruption, in 32% of vaginal deliveries, prospective ultrasound study, S66 (Mar.)
injury, surgery, and incontinence, S59 (Mar.)
internal, and conjoint longitudinal coat of anal canal, comparison of properties, S65 (Mar.)
tears, incidence, risk factors and poor clinical outcome, S29 (Sept.)
- Androgen receptor expression**, quantitative determination in gastric mucosal biopsies by PCR, S49 (Sept.)
- Angelchik reflux control**, an explanation, S37 (Mar.)
- Angiotensin converting enzyme activity** in IBD, S3 (Sept.)
- Anorectal function**, S28-S29 (Sept.)
- Anorexia and vomiting**, mechanisms, in children with chronic renal failure, S18 (Sept.)
- Anterior resection syndrome**, S7 (Sept.)
- Anti-colon antibodies**, prevalence in UC, S25 (Mar.)
- Anti-thymocyte globulin** as primary anti-rejection agent in liver transplantation, S55 (Mar.)
- Antibiotic sensitivity tests**, and *H. pylori* eradication, S67 (Mar.)
- Antidepressants**, influence on intestinal transit in health and diarrhoea-predominant IBS, S55 (Sept.)
- Antigen-specific responses**, defective, in patients with gastric *H. pylori* colonization, S3 (Mar.)
- Antigliadin antibodies** in blood donors, Northern Ireland, S10 (Mar.)
- Antral contractility**, not affected by gastric distension, S22 (Mar.)
- Antral gastrin synthesis** in pernicious anaemia, SMS regulates, S61 (Sept.)
- Antral motor abnormalities** in functional dyspepsia, ultrasound, S30 (Sept.)
- Appendicectomy**, laparoscopic, choice of patients for, S63 (Sept.)
- Appendicitis**, acute, laparoscopic versus conventional surgery, S6 (Sept.)
- Arachidonic acid**
IL-1beta and eicosanoids, in pouchitis, S41 (Sept.)
and prostaglandins, in colorectal cancer, S5 (Mar.)
- Ascorbic acid** gastric juice concentrations, increase after eradication of *H. pylori*, S60 (Sept.)
- Aspartic proteinases** and gastrin in diagnosis of gastric cancer, S46 (Mar.)
- Aspirin**
-induced gastric mucosal injury, ranitidine bismuth citrate in prevention, S47 (Mar.)
and NSAID use, and risk of colorectal adenomas, S57 (Sept.)
selective inhibition of rectal mucosal thromboxane, S5 (Mar.)
- Astrovirus**, detection, community-acquired diarrhoea, S44 (Mar.)
- Audit**, S15-S17, S31 (Mar.)
- Autocrine loops** involving fibroblast growth factors and their receptors, in pancreatic adenocarcinoma, S23 (Sept.)
- Bacteraemia** associated with colonoscopic polypectomy in 'healthy' patients, treatment? S15 (Sept.)
- Barium enema**, outpatient audit, S16 (Mar.)
- Barium radiology** and TcHMPAO white cell scanning compared, in small bowel CD, S48 (Sept.)
- Barrett's oesophagus**, S60, S62 (Mar.): S41, S42, S43 (Sept.)
- Bethanechol**, inducing electrogenic ion transport across distal colon, neural, non-neuronal components, mice, S57 (Mar.)
- Bile**, in FAP and duodenal adenomas, S47 (Mar.)
- Bile acid therapy**, intermittent, for cholesterol gallstones, S26 (Mar.)
- Bile acids**
biliary and faecal, in colorectal cancer, S69 (Mar.)
free, are cytotoxic to CaCo-2 cells at levels assayed in ileal pouch dialysate, S51 (Sept.)
possible role in gastric cancer, S6 (Mar.)
- Bile duct stones**, see Biliary tract disease (including stones)
- Bile duct strictures**, brush and bile exfoliative cytology compared, S20 (Mar.)
- Biliary tract disease (including stones)**, S19-S21, S26-S27 (Mar.): S13-S14, S22, S33 (Sept.)
- Biofeedback**
alternative treatment in intractable constipation management, S59 (Mar.)
for intractable constipation, symptomatic and objective benefits, S66 (Mar.)
vs. relaxation treatment of constipation with anismus, S59 (Mar.)
- Bleeding oesophageal varices**, endoscopic variceal ligation, S51 (Mar.)
- Blood**
donors
asymptomatic, endoscopic findings, S16 (Sept.)
HCV infection, epidemiology, S24 (Sept.)
resource wastage, colorectal surgery, S15 (Mar.)
transfusions, influence on infection after colorectal cancer surgery, S70 (Mar.)
- Body composition**, four compartment model to determine, liver cirrhosis, S25 (Sept.)
- Bone marrow toxicity** from azathioprine in IBD, S10 (Mar.)
- Bone mineral density**
accuracy in lumbar and femoral neck osteopenia in liver cirrhosis, S26 (Sept.)
reduced, in coeliac disease, S54 (Sept.)
- Bowel habit**, cyclical, mediated by sex steroids, S31 (Sept.)
- Bowel preparations** for colonoscopy, polyethylene glycol and sodium picosulphate compared, S50 (Mar.)
- Brain-gut axis**, S54-S56 (Sept.)
- Breath hydrogen production**, changes, and dietary fibre ingestion, S20 (Sept.)
- Bromodeoxyuridine**
and PCNA labelling, in gastric biopsies, lack of correlation between, S65 (Sept.)
in vivo evaluation of cell proliferation in colonic aberrant crypts, S68 (Sept.)
- Bulbar erosions**, multiple, local microcirculation assessment by laser Doppler velocimetry, S72 (Mar.)
- Butyrate**, in UC, failure of colonic mucosa to oxidise, S40 (Sept.)
- c-Met mRNA transcripts (hepatocyte growth factor receptor)**, in normal and malignant human liver, S37 (Sept.)
- C-reactive protein synthesis**, in IBD, S8 (Mar.)
- CaCo-2 cells**, and bile acid cytotoxicity, S51 (Sept.)
- Calcitonin gene-related peptide** innervation of the ovine oesophagus, S33 (Mar.)
- Calcium absorption** and bone metabolism, CD, S57 (Mar.)
- CAM 5.2** and triple levelling of lymph nodes, effect on node negative colorectal carcinomas, S51 (Sept.)
- Carbachol** potentiates cholera toxin-induced secretion in HT29-19A cells and rat ileal mucosa in vitro, S42 (Mar.)
- Carbon-13** and carbon-14 compared, markers for *H. pylori*, S5 (Sept.)

- Carcinoma**, rectal excision, quality of life after, S19 (Sept.)
Cardia, anatomy, and GOR, S62 (Sept.)
Cardiac rhythm during gastroscopy, effects of supplemental oxygen, S53 (Mar.)
Cardiopulmonary bypass, effect on gastric mucosal blood flow and small intestinal function, S42 (Mar.)
Catecholamine, plasma, in autonomic neuropathy of cirrhosis, S14 (Mar.)
Cathepsin G, reacts with ANCA, in IBD and PSC, S25 (Mar.)
Catheter occlusion, ethanol flush for prevention, S13 (Mar.)
Cathlocator, in localisation of enteral tubes, S44 (Mar.)
CD3 and gamma delta lymphocyte, short-term rectal challenge in gluten-sensitivity, S53 (Sept.)
CD4 lymphocyte count to predict cause of diarrhoea in HIV infection, S57 (Mar.)
Cell adhesion molecules, increased expression in pouchitis, S47 (Sept.)
Cell biology, S64-S68
Cell-matrix interactions in gastric carcinoma, S50 (Sept.)
Cell replication in colorectal cancer, and AgNOR, S21 (Sept.)
Cell volume, relationship to cell height and width, S11 (Mar.)
Cellular infiltration of small bowel allografts, S7 (Sept.)
cGMP mediates relaxation of distal colonic circular smooth muscle by NO, S12 (Sept.)
Childhood living conditions and later *H. pylori* infection, S40 (Mar.)
Chilli powder, effect on gut transit, S18 (Sept.)
Cholangiocarcinoma and PSC, tumour markers, S15 (Mar.)
Cholangiography, operative, avoided with preoperative ERCP, S34 (Sept.)
Cholecystectomy, laparoscopic, S27 (Mar.)
 and mini-, post-operative pain analgesia requirement, S63 (Sept.)
 and open, audit, S17 (Mar.)
 vs open, cost implications, S64 (Sept.)
Cholecystenterostomy, for obstructive jaundice in advanced pancreatic head cancer, S21 (Mar.)
Cholecystokinin
 antagonises antitumour effects of somatostatin analogue RC-160 on pancreatic cancer, S45 (Mar.)
 exerts tonic inhibitory influence on gastric acid secretion and gastrin release via type A CCK receptors, S60 (Sept.)
 plasma, and gallbladder function, in gallstones, S58 (Sept.)
 in regulation of insulin, glucagon and pancreatic polypeptide release in men, S24 (Sept.)
 release, intravenous aminoacids promote, S59 (Sept.)
Choledochoscopy, percutaneous, in benign biliary disease, S34 (Sept.)
Cholera toxin, role of 5-HT and 5-HT type receptors, S43 (Mar.)
Cholestasis, decreased Kupffer cell clearance capacity contributes to endotoxaemia, S20 (Mar.)
Cholesterol, and gallbladder stones, S57 (Sept.)
Cholesterol gallstones, intermittent bile acid therapy, S26 (Mar.)
Chromosome 5q21, familial aggregation of colorectal neoplasia and APC gene on, S56 (Sept.)
Chronic idiopathic intestinal pseudo-obstruction, smooth muscle protein abnormality, S29 (Mar.)
Cirrhosis, S25-S27, S65 (Sept.)
 autonomic neuropathy, plasma catecholamine responses, S14 (Mar.)
 fibrinolytic activity, S13 (Mar.)
 glucose intolerance and diabetes mellitus, S55 (Mar.)
 GST1 0 polymorphism at GST1 locus, S8 (Sept.)
 haemostasis evaluated by thromboelastography, S55 (Mar.)
 intrinsic fibrinolysis decreased, S8 (Sept.)
 vagal dysfunction and impaired sodium and water excretion, S53 (Mar.)
Cisapride, effect on small bowel motility in immediate post-operative period, S18 (Sept.)
Clarithromycin and omeprazole, in *H. pylori* eradication, S27 (Sept.)
Classical anti-colon antibody, reactivity with right and left colon, S2 (Sept.)
Coeliac disease, S53-S54, S67, S68 (Sept.)
 adult, treated, osteoporosis frequent finding, S48 (Sept.)
 frequency in South Glamorgan, 1981-90, S47 (Sept.)
 positive serum endomysium antibodies without, S38 (Sept.)
 RFLP of T-cell receptor genes, S35 (Mar.)
Coeliac proctitis, is there an entity termed, S67 (Sept.)
Colectomy, how necessary for UC, S38 (Mar.)
Colitis-specific Mab, tolerising technique, S2 (Sept.)
Collagenase/gelatinase activity by cultured human hepatic lipocytes, S15 (Mar.)
Colon (colonic)
 anastomoses, experimental, radiotherapy alters cell kinetics, S40 (Mar.)
 cancer, S46 (Mar.)
 crypt cell proliferation, effect on nutrient antioxidants, adenomatous polyps, S70 (Mar.)
 differentiation antigens, expression in ileal pouch mucosa, S52 (Sept.)
 epithelial cell derived IL-8, secretion regulation, S2 (Sept.)
 epithelial response to platelet-activating factor, modulation, S69 (Sept.)
 inflamed, increased NO synthase activity, S11, S12 (Sept.)
 ion transport, stimulation by activation of cells of immune system, S68 (Sept.)
 motility, during enteral nutrition, S17 (Sept.)
 mucosal barrier, hydrogen sulphide induced damage, rat, S69 (Sept.)
 pouch, after low anterior resection, S7 (Sept.)
 right and left, classical anti-colon antibody reactivity, S2 (Sept.)
Colorectal, S38-S40, S64-S66 (Mar.); S19-S22, S36, S51-S53, S68-S70, S70 (Sept.)
 biopsies, increased inflammatory cell infiltrate, clinical significance, S63 (Mar.)
 cancer (neoplasia), S1-S2, S34, S45, S46, S52, S62, S68-S71 (Mar.)
 surgery, blood resource wastage, S15 (Mar.)
Columnar lined oesophagus, S60, S62 (Mar.); S41, S42, S43 (Sept.)
Common bile duct stones
 retained, temporary and long-term drainage with single 7Fr stents, S33 (Sept.)
see also Biliary tract disease (including stones)
Congenital hypertrophy of retinal pigment epithelium in sporadic colorectal cancer, S1 (Mar.)
Congestive colonopathy, in portal hypertension, endoscopy, S50 (Mar.)
Constipation, S58-S59 (Mar.)
 difference between true and apparent, reality gap, S69 (Sept.)
 effect of preliminary bowel preparation on colonic transit, S31 (Sept.)
 ileocaecal transit, S56 (Sept.)
 intractable, S66 (Mar.)
 and menstruation and pregnancy, S31 (Sept.)
 in MS, S51 (Sept.)
 slow transit
 and obstructed defaecation, rectal motor complexes, S29 (Sept.)
 obstructed defaecation patients more sensitive to ano-rectal events than those with, S70 (Sept.)
 partial or subtotal colectomy in treatment, S38 (Mar.)
Contractility, gallbladder muscle
 effects of prostaglandins, S58 (Sept.)
 in gallstones, S58 (Sept.)
Copper, and retrorsine, synergistic hepatotoxicity, S37 (Sept.)
Crohn's disease, S12, S43, S50, S57 (Mar.); S1-S4, S14, S39, S47, S48, S67 (Sept.)
Crypts, colonic aberrant, cell proliferation, evaluated with in vivo bromodeoxyuridine, S68 (Sept.)
Cuffed oesophageal prosthesis
 placement in malignant oesophageal fistula, S33 (Mar.)
 useful device in desperate situations in oesophageal malignancy, S52 (Mar.)
Cutting seton, ancient but effective treatment for complex high fistula-in-ano, S39 (Mar.)
Cystic fibrosis
 Na-linked nutrient absorption, loperamide, S32 (Sept.)
 omeprazole improves fat absorption, S22 (Sept.)
 -related liver disease, ursodeoxycholic acid treatment, S14 (Mar.)
 terminal ileal dysfunction, S11 (Mar.)
Cytocalasin B, effect on *in vitro* rat gastric mucosa, S73 (Mar.)
Cytomegalovirus infection after childhood orthotopic liver transplantation, S37 (Sept.)
Cytotoxin-associated proteins of *H. pylori*, characterisation, S68 (Mar.)
Death rate, from non-malignant oesophageal disease, rising, S42 (Sept.)
Delayed hypersensitivity model of acute multifocal GI infarction, S43 (Mar.)
Dentition in patients with benign oesophageal stricture, S44 (Sept.)
Deoxycholic acid, biliary, and vesicular cholesterol, and gallbladder stones, S57 (Sept.)
Detoxification, xenobiotic, and antioxidant profiles, pancreatitis, S28 (Mar.)
Dextran sulfate induced colitis, athymic mice, effects of sulfasalazine on survival, S39 (Sept.)
Diabetes, and gall stones, S19 (Mar.)
Diabetes mellitus, and glucose intolerance, in cirrhosis, S55 (Mar.)
Diarrhoea, lactulose-induced, viscous fibre delays oro-caecal transit, S69 (Sept.)
Diarrhoeal disease, jejunal hypersecretion in vitamin E deficiency may predispose to, S38 (Sept.)
Dietary fibre intake, in subjects at low and high risk of colorectal cancer, colonic pH, S70 (Sept.)
Diethyl HIDA, dynamic imaging, in investigation of chronic upper abdominal pain, 23 (Sept.)
Dissecting intramural haematoma of the oesophagus, S34 (Sept.)
Distal colonic circular smooth muscle, cGMP mediates relaxation by NO, S12 (Sept.)
DNA
 abnormal content of rectal mucosa affects mucosal proliferation and recurrent adenoma formation, S57 (Sept.)
 adducts in post-vagotomy stomach, S71 (Mar.)
 fingerprints of *H. pylori*-infected patients, S6 (Sept.)
 typing, comparison of *H. pylori* strains using, S3 (Mar.)
Dominant axis of contraction, human gallbladder, S58 (Sept.)
Drug sensitivity, use of attachment of *G. lamblia* to intestinal cell line as assay, S45 (Sept.)
Duodenal polyp progression in FAP, S73 (Mar.)
Duodenal ulcer, S47-S49, S67 (Mar.)
Duodenal ulcer bleeding, and size of ulcer, S61 (Sept.)
Duodenal ulcer disease, without *H. pylori* infection, S41 (Mar.)
Duodenal ulceration in *H. pylori* positive subjects, risk factors, S5 (Sept.)

- Duodenum, S71-S74 (Mar.)**
- Duodenum/stomach, S48-S50 (Sept.)**
- Dyspepsia**
- and antral motor abnormalities, ultrasound, S30 (Sept.)
 - functional
 - abnormalities of intragastric pressure-volume relationship and visceral perception, S22 (Mar.)
 - intragastric nutrient maldistribution, S22 (Mar.)
 - ultrasound a useful initial investigation, S47 (Mar.)
- Dyspeptic syndrome, *H. pylori* role, S42 (Mar.)**
- Dysphagia**
- clinic, district general hospital, S44 (Sept.)
 - malignant, radiotherapy enhances laser palliation, S51 (Mar.)
- E-Cadherin adhesion molecules, expression in colorectal cancer, S20 (Sept.)**
- Efferent neural pathways, to human oesophagus, magnetic stimulation, S55 (Sept.)**
- Eicosanoids, arachidonic acid and IL-1beta, in pouchitis, S41 (Sept.)**
- Elderly, factors predisposing to gastropathy, S6 (Mar.)**
- Electrogenic ion transport induced by bethanechol across distal colon, neural, non-neuronal components, mice, S57 (Mar.)**
- Endomysium antibodies, positive serum, without coeliac disease, S38 (Sept.)**
- Endoscopic sphincterotomy, complications, and common bile duct diameter, S27 (Mar.)**
- Endoscopic ultrasonography, benign oesophageal strictures, S60 (Mar.)**
- Endoscopy, S49, S50-S52, S60, S68 (Mar.): S14-S17, S28 (Sept.)**
- barehanded, risk factor in *H. pylori* infection, S4 (Mar.)
 - diagnosis and therapy, S33-S35 (Sept.)
- Endothelial cell activity, process, and differentiation, in IBD, S25 (Mar.)**
- Endothelial metaplasia in chronic active gastritis, any correlation to *H. pylori* infection, S66 (Sept.)**
- Enemas, domiciliary, for outpatient sigmoidoscopy, S53 (Sept.)**
- Energy requirements, higher, and growth, in CD, S12 (Mar.)**
- Enteral nutrition**
- attitude of patients, IBD, S40 (Sept.)
 - colonic motility during, S17 (Sept.)
 - home, using PEG, S17 (Sept.)
- Enteral tubes, localisation using novel non-radiological technique (Cathlocator), S44 (Mar.)**
- Enteric neuropathy, model, peristalsis, denervated rat small intestine, S30 (Mar.)**
- Enterocyte mitochondrial damage due to NSAID, rat, S5 (Mar.)**
- Enteropathies, childhood, time and motion studies, S38 (Sept.)**
- Enzyme profiles, urine, as indicators of renal tubular dysfunction in IBD, S9 (Mar.)**
- Epidermal growth factor receptors, liver, quantitative autoradiographic distribution, S65 (Sept.)**
- Epithelial cell line (HT-29), colonic, concentration and time response relationships between exposure to hydrogen peroxide and injury, S66 (Sept.)**
- Epithelial cells, bovine gallbladder, primary cultures, S59 (Sept.)**
- Epithelium, GI, spasmolytic polypeptide antibody and its staining pattern, S45 (Mar.)**
- ERB-B3 gene expression, modulation in hepatocytes following growth factor stimulation, S34 (Mar.)**
- Erythrocytes, adhesion molecules utilised in binding intra-epithelial lymphocytes to, S43 (Mar.)**
- Escherichia coli* heat stable toxin induced intestinal secretion, role of 5-HT and 5-HT type receptors, S43 (Mar.)**
- Ethanol flush for prevention of catheter occlusion, S13 (Mar.)**
- Exercise**
- effect on GOR, S42 (Sept.)
 - no GOR in NCCP, S61 (Mar.)
- Exocrine pancreatic insufficiency, medium chain triglycerides, S22 (Sept.)**
- Faecal albumin test, in population screening for colorectal carcinoma, S52 (Sept.)**
- Faecal bile acids, in FAP, S2 (Mar.)**
- Faecal incontinence**
- different groups, physiological study, S17 (Sept.)
 - postanal repair, six year follow-up, outcome, predictive factors, and role of occult sphincter defects demonstrated by ultrasonography, S65 (Mar.)
 - rectal motor complex acitivity, S29 (Sept.)
 - and vesico-anal reflex, S29 (Sept.)
- Familial adenomatous polyposis**
- duodenal polyp progression, S73 (Mar.)
 - effect of sulindac on intestinal polyposis, S33 (Sept.)
- Familial risk of IBD, S62 (Mar.)**
- Famotidine**
- in benign oesophageal stricture, S10 (Sept.)
 - effect on oesophageal sensitivity in GOR disease, S44 (Sept.)
- Fibrinolytic activity in cirrhosis, S13 (Mar.)**
- Fibroblast growth factors and their receptors, autocrine loops involving, in pancreatic adenocarcinoma, S23 (Sept.)**
- Fish oil**
- and high risk for colon cancer, S20 (Sept.)
- protection against absolute ethanol-induced gastric lesions, rat, S73 (Mar.)
- Fistula-in-ano, complex high, cutting seton an ancient but effective treatment, S39 (Mar.)**
- Flatus, passage in normal and constipated subjects, S22 (Sept.)**
- Flexible sigmoidoscopies, in a DGH, twelve months, S35 (Sept.)**
- Flexible sigmoidoscopic screening, appropriate for individuals at risk of familial colorectal cancer, S52 (Sept.)**
- Fluconazole, absorption under conditions of low gastric acidity, S59 (Sept.)**
- 5-Fluouracil, adriamycin and mitomycin combined, in pancreatic carcinoma, S18 (Mar.)**
- Food handling, effect on gastric emptying and blood glucose, S48 (Sept.)**
- Food poisoning, and persistent bowel disturbance, S56 (Sept.)**
- Formalin treatment for haemorrhagic radiation proctitis, S53 (Sept.)**
- Fucosidase and neuramidase production by *H. pylori*, S27 (Sept.)**
- G17 antral-derived hormone, selective increase, causing *H. pylori*-related hypergastrinaemia, S67 (Mar.)**
- Gallbladder and gallstones, S26-S27 (Mar.): S57-S59 (Sept.)**
- Gallbladder, S13-S14, S63 (Sept.)**
- bile mucin concentration reduced by nicotine, S26 (Mar.)
- Gallstones**
- in CD, S14 (Sept.)
 - in diabetes, S19 (Mar.)
 - dissolution with MTBE, hand syringe and computerised pump compared, S13 (Sept.)
 - management, patterns in a health district, S20 (Mar.)
- Gastrointestinal disease, S34-S35 (Mar.)**
- Gastric acid**
- secretion, decline with age, healthy men, S49 (Sept.)
 - suppression, and healing of GOR disease, S62 (Sept.)
- Gastric blood flow, in portal hypertension, laser Doppler study, S24 (Sept.)**
- Gastric cancer (carcinoma), S46 (Mar.): S50 (Sept.)**
- curable disease, S6 (Mar.)
 - IL-8 expression, S35 (Sept.)
 - precancerous changes, *H. pylori* prevalence, S40 (Mar.)
 - surgical management, changing patterns, S31 (Mar.)
- Gastric cell turnover, NSAIDs inhibit, S64 (Sept.)**
- Gastric dysplasia, follow-up study, S6 (Mar.)**
- Gastric emptying**
- and hunger feelings, effect of lipid and viscous polysaccharide, S54 (Sept.)
 - satiety and blood glucose, effect of different food handling, S48 (Sept.)
 - in and symptoms of illusory self motion, S55 (Sept.)
 - time, in 'J-pouches' compared with standard oesophago-jejunal anastomosis, S30 (Sept.)
- Gastric motility, see Motility**
- Gastric mucosa, S49-S50 (Sept.)**
- Gastric mucosal blood flow**
- effect of cardiopulmonary bypass, S42 (Mar.)
 - in portal hypertension following haemorrhagic shock and reperfusion, S50 (Sept.)
- Gastric neoplasia, S6 (Mar.)**
- Gastric/oesophageal adenocarcinoma, advanced, significant palliation with laser endoscopy and combination chemotherapy, S33 (Mar.)**
- Gastric pathology, and *H. pylori*, Northern Nigeria, S41 (Mar.)**
- Gastric somatostatin mRNA, in DU, *H. pylori* infection decreases, S27 (Sept.)**
- Gastric tone**
- control by NO mediated pathway, S30 (Mar.)
 - modulation via central nervous system, S22 (Mar.)
- Gastric ulcer, S47-S49 (Mar.)**
- bleeding, and size of ulcer, S61 (Sept.)
- Gastrin**
- endogenous, inhibition, effect on growth of gastrointestinal tumours, S63 (Sept.)
 - levels, and H2-receptor antagonist infusion, S61 (Sept.)
 - receptor antagonist CAM-1028, inhibiting acid secretion, S32 (Sept.)
 - and somatostatin mRNA, in human endoscopic gastric biopsies, S74 (Mar.)
- Gastritis**
- chronic, natural history, using Sydney classification system, S71 (Mar.)
 - severity, and virulence of *H. pylori*, S66 (Mar.)
- Gastro-oesophageal reflux, S36, S38, S61 (Mar.): S10-S11, S42-S44, S62 (Sept.)**
- Gastroduodenal ulceration, NSAIDs, influence of *H. pylori* colonisation, S42 (Mar.)**
- Gastroenterology service, GP requirements, S16 (Mar.)**
- Gastrointestinal**
- bleeding, NSAID-induced, long term morbidity and management, S39 (Sept.)
 - blood loss, following thrombolytic therapy for MI, S10 (Mar.)
 - cancer, laser treatment, use of resources, audit, S31 (Mar.)
 - cells, intestinal trefoil factor expression, rat, S46 (Sept.)
 - tumours, effect of inhibition of endogenous gastrin on growth, S63 (Sept.)
- Gastroscopy, effects of supplemental oxygen on cardiac rhythm, S53 (Mar.)**
- Genetic changes in Duke's B colorectal carcinoma, prognostic relevance, S1 (Mar.)**

Giardia lamblia

attachment to intestinal cell line and use for assay of drug sensitivity, S45 (Sept.)
 gastric acid protects against, S44 (Mar.)
 isolates, functional mucosal damage differences, S44 (Mar.)
alpha-Gliadin, wheat, antigenicity with Mab, in coeliac disease, S68 (Sept.)
Glucose intolerance and diabetes mellitus in cirrhosis, S55 (Mar.)
Glutathione S-transferases, expression, normal and malignant pancreas, S23 (Sept.)
Gluten challenges, graded oral, effect, S11 (Mar.)
Gluten sensitivity, CD3 and gamma delta lymphocyte responses, S53 (Sept.)
Gonadectomy + sialadenectomy, effect on EGF levels in stomach, small intestine and colon, S64 (Sept.)
Gracilis muscle, enzyme activity alteration following stimulation, S58 (Mar.)
Granulomatous lymphangitis, rather than vasculitis, and CD, S8 (Mar.)
Growth factor stimulation, modulation of ERB-B3 gene expression following, S34 (Mar.)
Growth regulatory peptides
 negative, in normal, metaplastic and neoplastic oesophageal mucosa, S43 (Sept.)
 in precursor lesions of gastric carcinoma, S50 (Sept.)
Gut motility, S30-S31 (Sept.)

H2 antagonists, in general practice, S9 (Mar.)**H2-receptor antagonist**

infusion, and gastrin levels, S61 (Sept.)
 morning versus evening dose, S49 (Mar.)
Haematoma, dissecting intramural, of the oesophagus, S34 (Sept.)
Haemochromatosis, hereditary, HLA class I gene and disease locus, S25 (Sept.)
Haemorrhagic radiation proctitis, formalin treatment, S53 (Sept.)
Haemorrhagic shock and portal hypertensive gastric mucosa, S50 (Sept.)
Heartburn patients, do they have a specific personality profile, S36 (Mar.)
Heater probe versus injection therapy for bleeding PU, S52 (Mar.)
Helicobacter pylori, S3-S4, S9, S40-S42, S66-S68 (Mar.): S60, S66 (Sept.) epidemiology and diagnosis, S4-S6, S15 (Sept.)
 gold, NSAIDs, and rheumatoid arthritis, S9 (Mar.)
 infection
 21 year follow-up, S4 (Sept.)
 risk factor, S4 (Sept.)
 pathogenesis and treatment, S27-S28 (Sept.)

Hemeselect for colorectal cancer screening, S69 (Mar.)**Hep G2 cells**, mechanisms of induction and inhibition of a sialyltransferase, S34 (Mar.)**Hepatic failure**, fulminant, S8 (Sept.)**Hepatic lipocytes** secrete TIMP-1, S54 (Mar.)**Hepatic replacement**, percentage, and growth rate of colorectal liver metastases, S25 (Sept.)**Hepatitis C** in renal dialysis centre, S53 (Mar.)**Hepatitis C virus**, epidemiology, blood donors, S25 (Sept.)**Hepatocellular carcinoma**, tumour suppressor gene on chromosome 5q, S8 (Sept.)**Hepatocyte growth factor**

inhibits proliferation but increases spreading of colon cancer cells, S46 (Mar.)
 mRNA, after chemical damage to liver, S54 (Mar.)

Hepatoprotective effects of Osbeckia octandra, S26 (Sept.)**Hepatotoxicity**, synergistic, of copper and retrorsine, S37 (Sept.)**Hereditary non-polyposis colorectal cancer**

25 families, S21 (Sept.)
 nuclear pedigree approach, S38 (Mar.)

Herpesvirus DNA, detection in large intestine in UC and CD using PCR, S35 (Mar.)**Hirschsprung's disease**, effect of iloprost on colonic ion transport, S39 (Sept.)**HIV**

infection, small intestinal microsporidiosis, S45 (Mar.)
 positive duodenal biopsies, immunopathology, HIV disease and opportunistic infection, S12 (Mar.)
 positive patients, assessment of routine upper GI endoscopy and biopsy, S51 (Mar.)

sero-positive patients, upper GI endoscopy unhelpful, S17 (Mar.)

HLA class I gene and disease locus, hereditary haemochromatosis, S25 (Sept.)**HLA-DR antigen expression**, depressed in IBD, S1 (Sept.)**Homeostasis** in cirrhosis evaluated by thromboelastography, S55 (Mar.)

Hunger feelings, and gastric emptying, effect of lipid and viscous polysaccharide, S54 (Sept.)

Hydrogen sulphide induced damage to colonic mucosal barrier, rat, S69 (Sept.)**5-Hydroxytryptamine**

-induced intestinal electrolyte transport, S56 (Mar.)
 type 2 and 3, reverses water secretion during gut anaphylaxis, S56 (Mar.)

Hyperpepsinogenaemia, 24-hour profile, in *H. pylori*-positive subjects, eradication by treating infection, S3 (Mar.)**Hyperplasia** of intestinal muscle follows experimental intestinal neuropathy,

S19 (Sept.)

Hyperplastic polyps are a trefoil-peptide secreting cell lineage, S36 (Sept.)**Ileal bacterial flora** in ileal-anal anastomosis with and without pouchitis, S41 (Sept.)**Ileal bile acids**, in familial adenomatous polyposis, S2 (Mar.)**Ileal pouch dialysate**, free bile acids cytotoxic to CaCo-2 cells, S51 (Sept.)**Ileal pouch mucosa**

expression of colonic differentiation antigens, S52 (Sept.)

metabolic adaptation in ileo-anal pouches, S39 (Mar.)

Ileo-anal anastomotic stricture after restorative proctocolectomy, S20 (Sept.)**Ileo-anal pouches**, metabolic adaptation of ileal mucosa, S39 (Mar.)**Ileo-anal reservoir**, small bowel motility determinant of functional outcome, S29 (Mar.)**Ileocaecal transit**, in constipation and IBS, S56 (Sept.)**Ileorectal anastomosis**, conversion to pouch in middle age, S2 (Mar.)**Ileostomy** patients, quality of life and psychological morbidity, S64 (Sept.)**Illusory self motion**, symptoms of, and gastric emptying, S55 (Sept.)**Iloprost**, effect on colonic ion transport in Hirschsprung's disease, S39 (Sept.)**Immune system**, activation cells, and stimulation of colonic ion transport, S68 (Sept.)**Immunosuppression**, post-operative, absence after laparoscopic surgery, S20 (Mar.)**Incontinence**, S58-S59, S65 (Mar.)**Indian childhood cirrhosis**, reversal by penicillamine, S37 (Sept.)**Indomethacin-induced jejunal injury**, early histological features, rat, S46 (Sept.)**Infection** and pancreatic necrosis outcome, S19 (Mar.)**Inflammation**, S39-S41, S66-S68 (Sept.)**Inflammatory bowel disease**, S7-S8, S10, S62-S64 (Mar.): S40 (Sept.)

pathogenesis, S1-S4 (Sept.)

pathogenic mechanisms, S24-S25 (Mar.)

Inflammatory cell infiltrate, increased, in colorectal biopsies, clinical significance, S63 (Mar.)**Insulin** improves nitrogen balance over and above optimal parenteral nutrition, S12 (Mar.)**Interferon-gamma**

effects CaCo-2 cells, but is not blocked by 5-ASA, S47 (Sept.)

inhibition of hepatoma cell increased by gamma linolenic acid, S15 (Mar.)

Interleukin-1, and phospholipid derivatives, interactions between, in UC, S25 (Mar.)**Interleukin-1** stimulated anion secretion in mammalian colon, S56 (Mar.)**Interleukin-1beta**, arachidonic acid and eicosanoids, in pouchitis, S41 (Sept.)**Interleukin-2 receptor expression**, raised in CD, S1 (Sept.)**Interleukin-6 production**, mucosal, in IBD, S8 (Mar.)**Interleukin-8 expression** in gastric cancer, S35 (Sept.)**Internal anal sphincter smooth muscle**, NO mediates cholinergic relaxation, S12 (Sept.)**Interphase nucleolar organizer region (AgNOR)**, and cell replication in colorectal cancer, S1 (Sept.)**Interstitial laser hyperthermia**, in pancreatic carcinoma, S18 (Mar.)**Intestinal anastomosis** in CD, vascular model, S64 (Mar.)**Intestinal muscle**, hyperplasia, follows experimental intestinal neuropathy, S19 (Sept.)**Intestinal neoplasia**, S35-S37 (Sept.)**Intestinal transit time**, prediction, clinical observations, S68 (Sept.)**Intestinal trefoil factor expression**, in gastrointestinal cells, rat, S46 (Sept.)**Intra-hepatic porto-systemic shunts**, existence in normal liver, S9 (Sept.)**Intracellular adhesion**, role in colorectal cancer metastasis, S36 (Sept.)**Intrinsic fibrinolysis**, decreased in cirrhosis, S8 (Sept.)**Iron deficiency anaemia**, and faecal occult blood loss, audit, S31 (Mar.)**Irritable bowel syndrome**, S55, S56 (Sept.)

in affective disorder, S23 (Mar.)

selective effective biasing, S64 (Mar.)

specific illness-related schema, S23 (Mar.)

Islet-acinar axis, role for glucagon, S23 (Sept.)**Isosorbide-5-mononitrate**, effects on portal haemodynamics, S9 (Sept.)**Itraconazole**, absorption under conditions of low gastric acidity, S59 (Sept.)**Jaundice, obstructive**

in advanced pancreatic head cancer, cholecystenterostomy, S21 (Mar.)

TNF inhibitor, S19 (Mar.)

Jejunal hypersecretion in vitamin E deficiency may predispose to diarrhoeal disease, S38 (Sept.)**K-ras mutations**, stability in colorectal cancer, S46 (Mar.)**Khat**, chewing slows orocaecal transit time, S23 (Mar.)**Knot tying at flexible endoscopy**, S17 (Sept.)**Kupffer cell**

clearance capacity, decreased, contributes to endotoxaemia seen in cholangitis, S20 (Mar.)

function, measuring, in physiologically intact liver, S14 (Mar.)

- L-phenylalanine**, premeal, releases CCK and reduces subsequent food intake, S12 (Mar.)
- Lactase mRNA**, expression in rabbit small intestine, S35 (Mar.)
- Lactase persistence**, genetics, molecular investigation, S45 (Sept.)
- Lactoferrin**, faecal, in IBD, S7 (Mar.)
- Lansoprazole**, more effective than ranitidine in gastric ulcer, S48 (Mar.)
- Laparoscopic cholecystectomy**, S27 (Mar.)
assessment of patient benefit, S6 (Sept.)
- Laparoscopic surgery**, absence of post-operative immunosuppression after, S20 (Mar.)
- Laser Doppler study** of gastric blood flow, portal hypertension, S24 (Sept.)
- Laser Doppler velocimetry**, local microcirculation assessment in multiple bulbar erosions, S72 (Mar.)
- Laser endoscopy** and combination chemotherapy, in significant palliation of advanced gastric/oesophageal adenocarcinoma, S33 (Mar.)
- Laser hyperthermia**, interstitial, in pancreatic carcinoma, S18 (Mar.)
- Laser palliation**, malignant dysphagia, radiotherapy enhances, S51 (Mar.)
- Laser scanning microscopy**, confocal, monitoring intracellular pH, pancreas, S24 (Sept.)
- Laser treatment**, GI cancer, use of resources, audit, S31 (Mar.)
- Lectins**, *H. pylori*, detected by neoglycoproteins, S4 (Mar.)
- Left ventricular function** in response to exercise, in alcoholic and non alcoholic cirrhosis, S26 (Sept.)
- Leucocytes**, circulating, recruitment, UC, S63 (Mar.)
- Lipid peroxidation**, in rats chronically fed alcohol, S25 (Sept.)
- Liver**, S13-S15 (Mar.): S24-S27, S65 (Sept.)
- Liver biopsy**
BSG/RCP audit, S17 (Mar.)
practice, complications and mortality survey, S16 (Mar.)
- Liver disease**, S37 (Sept.)
admissions and deaths, DGH remote from transplant centre, S31 (Mar.)
molecular pathogenesis, S8-S9 (Sept.)
- Liver injury**, repair and replacement, S53-S56 (Mar.)
- Liver metastases**, manipulation of endothelial system, S47 (Mar.)
- Liver transplantation**
acute phase protein plasma levels, S8 (Sept.)
orthotopic, childhood, CMV infection after, S37 (Sept.)
- Loperamide**, new therapeutic approach to enhanced Na-linked nutrient absorption in CF, S32 (Sept.)
- Luminal contents**, non-absorption by obstructed small bowel, S46 (Sept.)
- Lymphocytes**, intra-epithelial, adhesion molecules utilised in binding to human enterocytes, S43 (Mar.)
- Manometric findings** in extended periods of acid reflux, altered by oesophagitis, S42 (Sept.)
- Manometry**, pH, prolonged oesophageal, reproducibility, S43 (Sept.)
- Mast cells**, role in severe intestinal water secretion during gut anaphylaxis, S43 (Mar.)
- Measles virus genomic RNA** in CD, S2 (Sept.)
- Mebeverine**, blocking colonic contractions, S19 (Sept.)
- Medium chain triglycerides** in exocrine pancreatic insufficiency, S22 (Sept.)
- Mepacrine** in treatment of proctosigmoiditis, S32 (Sept.)
- Metalloproteinase enzymes**, role in rabbit model of chronic inflammatory colitis, S67 (Sept.)
- Methyl tert butyl ether**, gallstone dissolution, do biliary lipids and proteins enhance, S26 (Mar.)
- Metronidazole**, in pouchitis, S39 (Mar.)
- Microsporidiosis**, small intestinal, in HIV infection, S45 (Mar.)
- Misoprostol**, effect on enteroscopy-diagnosed NSAID small bowel enteropathy, retrospective study, S9 (Mar.)
- Mitochondrial function**, colonic epithelial cells in IBD, S24 (Mar.)
- Mixed polyposis syndrome**, hereditary, new disorder, S56 (Sept.)
- Monitoring for GOR disease**, S11
- Monoclonal antibody**
MG7 expression, GI polyps and cancer, S72 (Mar.)
new, to subset of macrophage is associated with IBD, S24 (Mar.)
- Monocyte function**, impairment in complicated pancreatitis, S19 (Mar.)
- Mononuclear cell procoagulant activity**, in IBD, S7 (Mar.)
- Motility**, S29-S30 (Mar.): S17-S19 (Sept.)
gut, S30-S31 (Sept.)
oesophageal, S36 (Mar.)
- Mucosal proliferation**, colorectal cancer risk and vegetarians, S21 (Sept.)
- Multiple sclerosis**
and constipation, paradoxical puborectalis contraction common, S51 (Sept.)
patients with bladder dysfunction, and prevalence of bowel dysfunction, S70 (Sept.)
- Mycobacterium paratuberculosis**, and other mycobacteria, in CD, S8 (Mar.)
- Myofibroblast-like cells** produce type I and III procollagen-mRNAs in chronic active liver disease, S9 (Sept.)
- Nasogastric feeding** and ileal mucosal hypoplasia in normal GI function, S45 (Sept.)
- Neoglycoproteins**, detecting *H. pylori* lectins, S4 (Mar.)
- Neoterminal ileal blood flow** following ileocolonic resection for CD, S50 (Mar.)
- Neuramidase** and fucosidase production by *H. pylori*, S27 (Sept.)
- Neurodevelopmental problems**, severe, children, and oesophageal motility disorders, S29 (Mar.)
- Neuropeptides** in internal anal sphincter in health and faecal incontinence, S58 (Mar.)
- Neutrophils**
peripheral blood, activation by *H. pylori* in vitro, S68 (Mar.)
promoted by AECA in UC, S63 (Mar.)
shape change
to assess bioactivity of rectal dialysates in vitro in UC, S40 (Sept.)
in vitro, induced by colonic homogenates in colitis, S65 (Sept.)
- Nicotine**
effect on rectal mucus and mucosal eicosanoids, S66 (Mar.)
in reduction of gallbladder bile mucin concentration, S26 (Mar.)
- Nifedipine**, effect on organelle marker enzymes in carbon tetrachloride-induced cirrhosis, S65 (Sept.)
- Nitric oxide**
and gut function, S11-S12 (Sept.)
involvement in neuronally-mediated relaxation, *T. coli*, S30 (Mar.)
mediated pathway, in human gastric fundal tone control, S30 (Mar.)
synthesis, increased in acute UC, S41 (Sept.)
- Nitrogen measurement**, total urinary, by near infrared reflectometry, comparison with chemical methods, S13 (Mar.)
- NMR spectroscopy** of rectal dialysate in investigating UC, S62 (Mar.)
- Non-cardiac chest pain**, and the oesophagus, S33 (Mar.)
- Non-parenchymal liver cells**, regenerating, characterisation of inhibitory growth factor, S54 (Mar.)
- Non-steroidal anti-inflammatory drugs**
effect on intestinal permeability in relatives of CD patients, S47 (Sept.)
gastrooduodenal ulcers and complications, S49 (Mar.)
individual, risk associated with treatment, S48 (Sept.)
-induced GI bleeding, morbidity and management, S39 (Sept.)
inhibit gastric cell turnover, S64 (Sept.)
and lack of papillary elongation and basal cell hyperplasia of oesophageal mucosa, S44 (Sept.)
and oesophagitis, S37 (Mar.)
pathology and therapy, S5-S6 (Mar.)
and risk of colorectal adenomas, S57 (Sept.)
small bowel enteropathy, effect of misoprostol, S9 (Mar.)
- Noradrenaline** response to exercise and autonomic dysfunction in cirrhosis, S27 (Sept.)
- Nuclear pedigree approach** to hereditary non-polyposis colorectal cancer, S38 (Mar.)
- Nutrient maldistribution**, intragastric, functional dyspepsia, S22 (Mar.)
- Nutrition**, small bowel, S10-S13 (Mar.)
- Obstructed small bowel** and non-absorption of luminal contents, S46 (Sept.)
- Octreotide**
-associated gallbladder stones in acromegaly, pathogenesis, S26 (Mar.)
increases proportion of DCA in gallbladder bile, S57 (Sept.)
and liver metastases, S47 (Mar.)
- Oesophagus (oesophageal)**, S59-S62 (Mar.): S30, S34, S41-S44 (Sept.)
columnar lined (Barrett's), S60, S62 (Mar.): S41, S42, S43 (Sept.)
disease, S32-S33, S36-S38 (Mar.)
malignancy, cuffed oesophageal prosthesis a useful device in desperate situations, S52 (Mar.)
reflux/stricture/sphincter, S10-S11, S19 (Sept.)
shortened, 10-year assessment, S37 (Mar.)
- Oestrogen receptors**, and oestrogen induced protein, expression in large bowel mucosa and cancers, S34 (Mar.)
- Olsalazine**, dose-ranging study in UC, S40 (Sept.)
- Omeprazole**
and clarithromycin, in *H. pylori* eradication, S27 (Sept.)
effect on oesophageal acid exposure in reflux oesophagitis, S59 (Mar.)
in general practice, S9 (Mar.)
improves fat absorption in cystic fibrosis, S22 (Sept.)
treatment of GOR, and nocturnal symptoms, S11 (Sept.)
- Open access gastroscopy**, changes in treatment after as measure of outcome, S14 (Sept.)
- Opioid agonist**, usefulness to decrease GOR, S43 (Sept.)
- Ornithine decarboxylase activity**
in CaCo-2 cells, effect of normal and polyposis bile, S47 (Mar.)
rectal, in FAP following colon resection, S2 (Mar.)
- Orocaecal transit time**, chewing Khat slows, S23 (Mar.)
- Orofacial granulomatosis** in childhood, S38 (Sept.)
- Osbeckia octandra**, hepatoprotective effects, S26 (Sept.)
- Osmolality** not caloric composition modulates postprandial gastric fundal relaxation, S30 (Mar.)
- Osteoporosis**, bone mineral density, accuracy, S26 (Sept.)
- Osteoporosis**, frequent finding in treated adult coeliac disease, S48 (Sept.)
- Outpatient visit**, value in open access endoscopy, S50 (Mar.)
- Oxygen**, supplemental, effects on cardiac rhythm during gastroscopy, S53 (Mar.)
- p120 (120,000 Mr protein), and cytotoxicity in *H. pylori*, S4 (Mar.)
- Paediatrics**, S37-S39

Pain

early relief, in management of acute abdomen, safety, S62 (Sept.)
gastrooduodenal pH, DU, S49 (Mar.)
post-operative, and analgesia requirement after laparoscopic and mini-cholecystectomy, S63 (Sept.)

Pancreas (pancreatic), S21 (Mar.): S22-S24 (Sept.)

cancer, CCK antagonists antitumour effects of SMS analogue RC-160, S45 (Mar.)

inflammation, and cancer, S28 (Mar.)

intraductal ultrasound, technique and diagnostic promise, S34 (Sept.)

Pancreastatin, effect on bombesin-stimulated insulin and exocrine pancreatic secretion in vitro, S18 (Mar.)**Pancreatitis, acute gallstone, early ERCP and laparoscopic cholecystectomy, S13 (Sept.)****Para-aminobenzoic acid as marker for 24 hour urinary urea excretion in parenterally fed patients, S13 (Mar.)****Parietal cell sensitivity to gastrin, and acid secretion, changes, in DU patients after eradication of *H. pylori*, S28 (Sept.)****PCNA and bromodeoxyuridine labelling, in gastric biopsies, lack of correlation between, S65 (Sept.)****Pelvic ileal reservoir, distribution of changes, S39 (Mar.)****Pelvic sepsis, after restorative proctocolectomy, always a harbinger of doom, S62 (Sept.)****Penicillamine, in reversal of Indian childhood cirrhosis, S37 (Sept.)****Pepsinogens, serum, and *H. pylori*, assessment, antral gastritis in gastric carcinogenesis, S5 (Sept.)****Pepsinogens A and C are related to *H. pylori* infection, S41 (Mar.)****Peptic ulcer, S52 (Mar.)**

and antiulcer drugs, S47-S49 (Mar.)

perforation, endoscopic repair with gelatin plug and fibrin glue, S16 (Sept.)

Peristalsis, denervated rat small intestine, model of enteric neuropathy, S30 (Mar.)**Peristaltic propulsive force in benign oesophageal stricture, S30 (Sept.)****Peritonitis, plasminogen activator inhibition, mRNA expression, S66 (Sept.)****Permeability probes, importance of molecular geometry, S57 (Mar.)****Pernicious anaemia, SMS regulates antral gastrin synthesis, S61 (Sept.)****pH**

colonic

changes, and dietary fibre ingestion, S20 (Sept.)

and dietary fibre intake, in subjects at low and high risk of colorectal cancer, S70 (Sept.)

columnar lined oesophagus and acid reflux, S42 (Sept.)

intestinal, in UC, acute (untreated) and in remission on 5-ASA therapy, S63 (Mar.)

monitoring, 24-hour intragastric, and serum cortisol, in shift workers, with special reference to eating and working pattern, S72 (Mar.)

probe, accurate positioning vital in correct diagnosis of GOR, S61 (Mar.) prolonged oesophageal, reproducibility, and pressure monitoring, S43 (Sept.)

Photodynamic therapy on pancreas and peripancreatic tissues, hamster, S17 (Mar.)**Pituitary adenylate cyclase activating peptide, in duodenum, S59 (Sept.)****Plasminogen activator inhibition, mRNA expression in peritonitis, S66 (Sept.)****Platelet-activating factor, modulation of colonic epithelial response, S69 (Sept.)****Polyamine metabolism, muosal, in columnar lined oesophagus, S41 (Sept.)****Polyclonal antibody, production and characterisation to erb-3 protein, S60 (Mar.)****Polyposis coli, S56-S57 (Sept.)****Polyps, hyperplastic, are a trefoil-peptide secreting cell lineage, S36 (Sept.)****Polyunsaturated fatty acids, smoking, and DU, S48 (Mar.)****Portal hypertension, S9-S10, S24, S49-S50 (Sept.)**

congestive colonopathy, endoscopy, S50 (Mar.)

Postanal repair for idiopathic faecal incontinence, S58 (Mar.)**Postoperative colonic motility, S6 (Sept.)****Postprandial gastric fundal relaxation, osmolality not caloric composition modulates, S30 (Mar.)****Postvagotomy stomach, DNA adducts, S71 (Mar.)****Pouch-vaginal fistula, S40 (Mar.)****Pouchitis**

eicosanoids, arachidonic acid and IL-1beta, S41 (Sept.)

ileal bacterial flora, S41 (Sept.)

increased expression of cell adhesion molecules, S47 (Sept.)

metronidazole, S39 (Mar.)

Precancerous changes and gastric cancer, *H. pylori* prevalence, S40 (Mar.)**Precancerous lesions in a precancerous condition, S35 (Sept.)****Procoagulant activity in IBD, S3 (Sept.)****Proctitis, haemorrhagic radiation, formalin treatment, S53 (Sept.)****Proctocolectomy, restorative, pelvic sepsis after, always a harbinger of doom, S62 (Sept.)****Proctosigmoiditis, meperidine in treatment, S32 (Sept.)****Proliferation, rectal epithelial, role in predicting colorectal adenoma recurrence, S45 (Mar.)****Prostaglandins**

and arachidonic acid, in colorectal cancer, S5 (Mar.)

effects on gallbladder muscle contractility *in vitro*, S58 (Sept.)

Proton pump blocker, for resistant reflux oesophagitis, children, S61 (Mar.) pS2 and hSp, expression in Barrett's mucosa and oesophageal carcinoma, S32 (Mar.)

Puborectalis contraction, paradoxical, is common in MS patients with constipation, S51 (Sept.)

Pudendal nerve damage during childbirth, prospective study pre and post delivery, S65 (Mar.)

Pulmonary aspirate in PEG, S16 (Sept.)

Pulmonary emphysema, severe, and alpha-1-antitrypsin deficiency, liver function, S14 (Mar.)

p53 and c-Ki-ras gene mutations in colorectal cancer, prognostic value, S34 (Mar.)

p53 mutation precedes morphological dysplasia in Barrett's oesophagus, S32 (Mar.)

Quality of life

after rectal excision for carcinoma, S19 (Sept.)

in IBD, S4 (Sept.)

measure, in IBD, S64 (Mar.)

Radiotherapy

alters cell kinetics at experimental colonic anastomoses, S40 (Mar.)

enhances laser palliation of malignant dysphagia, S51 (Mar.)

pre-operative, enhances experimental carcinogenesis at colonic anastomoses, S70 (Mar.)

RAND criteria for endoscopy audit, S14, S15 (Sept.)

Ranitidine

and alcohol, S10 (Mar.)

effect on 24-hour intragastric acidity and gastrin concentration, S48 (Mar.)

in gastric ulcer, lansoprazole more effective, S48 (Mar.)

Ranitidine bismuth citrate

effect on meal-stimulated gastrin release, S48 (Mar.)

in prevention of aspirin-induced gastric mucosal injury, S47 (Mar.)

Reactive oxygen metabolite

damage DNA in IBD, S1 (Sept.)

produced by mucosal biopsies from inflamed duodenum and *H. pylori* positive antrum, *in vitro* identification, S41 (Mar.)

production

and aminosalicylates, UC, S7 (Mar.)

and *H. pylori*, in DU disease, S4 (Mar.)

Rectal, S19-S22, S25 (Sept.)

cancer, more stage A and B, less C and D, S1 (Mar.)

dialysate, NMR spectroscopy, in investigating UC, S62 (Mar.)

epithelial cell proliferation, fluctuations over 24-hour period, S35 (Sept.)

examination, clinical practice audit, S16 (Mar.)

motor complex activity, in faecally incontinent patients, S29 (Sept.)

motor complexes, in slow transit constipation and obstructed defaecation, S29 (Sept.)

secretions, and gastrointestinal transit following salmonella gastroenteritis, S56 (Sept.)

tumours, does endoscopic transanal resection compromise survival, S70 (Mar.)

Recurrence of *H. pylori* after treatment, S3 (Mar.)**Reflux oesophagitis, S59, S60, S61 (Mar.)**

oesophageal functional abnormalities, S60 (Mar.)

Renal dialysis centre, hepatitis C, S53 (Mar.)**Renal tubular dysfunction, urine enzyme profiles as indicators, IBD, S9 (Mar.)****Reticuloendothelial system, manipulation, effects on growth of liver tumour, S47 (Mar.)****Retrorsine, and copper, synergistic hepatotoxicity, S37 (Sept.)****Rhein, effect on motility of vascularly perfused rat large bowel, S21 (Mar.)****Roux-en-Y anastomosis, intestinal transit following, scintigraphic assessment, S72 (Mar.)****Saline injury, and restitution of gastric mucosa, S49 (Sept.)****Saliva, in benign oesophageal stricture, S10 (Sept.)****Salmonella gastroenteritis, rectal sensitivity and gastrointestinal transit following, S56 (Sept.)****Salmonella infection, risk, and reduced gastric acid secretion, S73 (Mar.)****Sandostatin**

influence on endotoxin effects on pancreatic structure, S18 (Mar.)

and injection sclerotherapy compared, in acute variceal haemorrhage, S56 (Mar.)

Sclerosing cholangitis, primary

and cholangiocarcinoma, tumour markers, S15 (Mar.)

and IBD, anti neutrophil cytoplasmic antibody, S25 (Mar.)

Sclerotherapy alters portal vascular reactivity, S9 (Sept.)**Secretion and absorption, mechanisms, S56-S58 (Mar.)****Secretor status and *H. pylori*, independent risk factors for gastroduodenal disease, S5 (Sept.)****Sedation as choice of most outpatients for gastroscopy, S15, S16 (Sept.)****Sepsis, intra-abdominal, influence on colorectal cancer survival, S69 (Mar.)****Serotonin re-uptake inhibitor, effect on small intestinal motility, S29 (Mar.)****Short segment colon in peptic strictures, assessment, S37 (Mar.)**

- Sialosyl-Tn antigen** binding in mab in pancreatic cancer, S28 (Mar.)
Sialosyl-Tn antigen identified by monoclonal antibody MLS102 as tumour associated antigen, S36 (Sept.)
Sialytransferase, in Hep G2 cells, mechanisms of induction and inhibition, S34 (Mar.)
Sigmoidoscopic technique for removal of bulky or stone-laden gallbladder, S63 (Sept.)
Sigmoidoscopy
 opportunistic flexible, for colorectal neoplasia, S52 (Sept.)
 outpatient, domiciliary enemas, S53 (Sept.)
Simulated rapid gastric emptying, effect on lower oesophageal sphincter, S19 (Sept.)
Single-photon emission computerised tomography, imaging IBD, S3 (Sept.)
SK&F 96067, reversible gastric H⁺/K⁺ ATPase inhibitor, properties, S32 (Sept.)
Skinfold anthropometry in liver cirrhosis, S26 (Sept.)
Sleep deprivation and rectal sensitivity, S55 (Sept.)
Small bowel (intestine), S42-S45, S45-S48 (Mar.)
 absorption of minerals during enteral feeding supplemented with soy polysaccharide fibre, S58 (Mar.)
 contractile activity, identification, man or machine, S31 (Sept.)
 damage, and NSAIDs, S5 (Mar.)
 enterocytes, cultured, transplantation, S11 (Mar.)
 fetal, destructive changes, S1 (Sept.)
 motility, see Motility
 nutrition, S10-S13 (Mar.)
Smoking, polyunsaturated fatty acids, and DU, S48 (Mar.)
Sodium and water excretion, impaired, and vagal dysfunction, cirrhosis, S53 (Mar.)
Somatostatin analogue RC-160, CCK antagonises antitumour effects, S45 (Mar.)
Somatostatin mRNA in human endoscopic gastric biopsies, S74 (Mar.)
Somatostatin regulates antral gastrin synthesis in pernicious anaemia, S61 (Sept.)
Soy polysaccharide fibre, supplementing enteral feeding, small intestinal absorption of minerals during, S58 (Mar.)
Spasmolytic polypeptide antibody, and its staining pattern in GI epithelium, S45 (Mar.)
Sphincter of Oddi dysfunction, post-cholecystectomy pain predicting, S31 (Sept.)
Sphincterotomy, endoscopic, complications, and common bile duct diameter, S27 (Mar.)
Splenic function in alcoholic liver disease, S55 (Mar.)
Stents (stenting)
 combined percutaneous and endoscopic, success and complications, S20 (Mar.)
 for malignant bile duct obstruction, S22 (Sept.)
 self expanding metal, in endoscopic palliation of malignant and benign biliary obstruction, S33 (Sept.)
 single 7Fr, temporary and long-term drainage of retained common bile duct stones, S33 (Sept.)
Stomach, S71-S74 (Mar.)
Stomach/duodenum, S48-S50, S59-S62 (Sept.)
Sulfasalazine, effects on survival of athymic mice with dextran sulfate induced colitis, S39 (Sept.)
Sulindac, for intestinal polyposis in FAP, S33 (Sept.)
Sulphasalazine, long-term, and *H. pylori* infection eradication, S28 (Sept.)
Superoxide, increased production by rectal mucosa in IBD, S24 (Mar.)
Surfactant-like material in oesophageal mucosa, ultrastructural identification, S60 (Mar.)
Surgery, S4, S6-S7, S19, S20 (Sept.)
Surgical resection rates in parous females with distal, ileal and colonic CD, S4 (Sept.)
Surgical specialisation, and colorectal cancer, hope for a better outcome, S71 (Mar.)
Surveillance intervals after colorectal adenoma removal at colonoscopy, S52 (Mar.)
Sydney classification system, chronic gastritis, natural history, S71 (Mar.)
- T cells**
 gamma delta
 in rectal mucosa following local gluten challenge in coeliac disease, S54 (Sept.)
 responses to short-term rectal challenge in gluten-sensitive subjects, S53 (Sept.)
 receptor V-beta gene usage, and coeliac disease, S53 (Sept.)
- Taenia coli**, NO involvement in neuronally-mediated relaxation, S30 (Mar.)
Technetium 99m HMPAO white cells
 and barium radiology compared, in small bowel CD, S48 (Sept.)
 can distinguish between Crohn's and ulcerative colitis, S67 (Sept.)
 nor Tc nanocolloid recommended for IBD treatment, S7 (Mar.)
Terbutaline inhibition of hyperenzymemias after ERCP, S28 (Mar.)
Terminal ileal dysfunction in CF, S11 (Mar.)
Thromboelastography, evaluating haemostasis in cirrhosis, S55 (Mar.)
Thrombolytic therapy for MI, gastrointestinal blood loss following, S10 (Mar.)
Tolerising technique for colitis-specific Mab, S2, (Sept.)
Topical anaesthesia improves toleration for upper GI endoscopy, S51 (Mar.)
Topographic mapping and conduction velocity of cortical responses evoked by oesophageal distension, S54 (Sept.)
Transforming growth factor alpha expression in dysplastic mucosa and colonic adenocarcinomas, S36 (Sept.)
Transit, intestinal, following Roux-en-Y anastomosis, scintigraphic assessment, S72 (Mar.)
Transjugular intrahepatic portasystemic stent shunts, S10 (Sept.)
Transmission electron microscopy, CD, S39 (Sept.)
Transposed short segment colon, ambulatory motility patterns, S21 (Mar.)
Transrectal ultrasound surveillance of endocavitary radiation (RT 50) treated rectal cancer, S51 (Sept.)
Trefoil-peptide secreting cell lineage, hyperplastic polyps, S36 (Sept.)
Trefoil peptides, putative antibody, S45, (Mar.)
Tripotassium-dicitrato-bismuthate, antimicrobial effect, and anti-*H. pylori* therapy, S67 (Mar.)
Tumour grade, vascular patterns and mode of presentation, colorectal carcinoma, S21 (Sept.)
Tumour markers, cholangiocarcinoma with PSC, S15 (Mar.)
Tumour necrosis factor inhibitor in obstructive jaundice, S19 (Mar.)
Tumour suppressor gene on chromosome 5q for hepatocellular carcinoma, S8 (Sept.)
- Ulcerative colitis**, S38 (Mar.): S1-S4, S11, S40, S67 (Sept.)
Ultrasound
 -guided PFNP-BG, effective technique with occasional side-effects, S13 (Sept.)
 indocyanine green, and hepatic venous pressure gradient, in portal hypertension, S10 (Sept.)
 intraductal, pancreas, technique and diagnostic promise, S34 (Sept.)
 to study gastric motor function, S23 (Mar.)
 useful initial investigation in dyspepsia, S47 (Mar.)
Upper abdominal pain, chronic, dynamic diethyl HIDA imaging in investigation, S23 (Sept.)
Upper gastrointestinal bleeding, reduced life expectancy in patients surviving, S61 (Sept.)
Upper gastrointestinal haemorrhage and reperfusion, susceptibility of portally hypertensive gastric mucosa, S49 (Sept.)
Ursodeoxycholic acid treatment in CF related liver disease, S14 (Mar.)
- Vagal dysfunction** and impaired sodium and water excretion in cirrhosis, S53 (Mar.)
Vascular patterns, tumour grade, and mode of presentation, colorectal carcinoma, S21 (Sept.)
Vegetarians, mucosal proliferation, and colorectal cancer risk, S21 (Sept.)
Vesico-anal reflex and faecal incontinence, S29 (Sept.)
Vitamin C reduces gastric mucosal DNA damage, S35 (Mar.)
Vitamin E deficiency, jejunal hypersecretion may predispose to diarrhoeal disease, S38 (Sept.)
Vomiting and anorexia, mechanisms, in children with chronic renal failure, S18 (Sept.)
von Willebrand factor antigen and vasculitis in IBD, S24 (Mar.)
- Wallstent endoprosthesis**, palliation of malignant biliary obstruction, S14 (Sept.)
Water secretion
 during gut anaphylaxis, reversed by 5-HT type 2 and 3 receptor antagonists, S56 (Mar.)
 severe intestinal, during gut anaphylaxis, mast cell role, S43 (Mar.)
Wilson's disease, hepatic complications after liver transplantation, S54 (Mar.)
- Xenobiotic detoxification** and antioxidant profiles, pancreatitis, S28 (Mar.)

AUTHOR INDEX – SUPPLEMENTS, MARCH AND SEPTEMBER 1992

- Ahuwalia NK, Thompson DG, Mesquita M, Mamtor H, Hindle J: T119 (Sept.)
- Akarcu US, Ozutemiz AO, Batur Y: F289 (Mar.)
- Alexander D, Madan M, Curley P, Chalmers A, Fowler R, McMahon MJ: W73 (Mar.)
- Alexander D, Madan M, Curley P, Switala S, Hodgson J, King R, McMahon M: W74 (Mar.)
- Allison A, Duthie G, Bartolo DCC, MacGregor AB: W28 (Sept.)
- Allison MC, Howatson AG, Torrance CJ, Lee FD, Russell RI: W17 (Mar.)
- Allison MC, Torrance CJ, Russell RI: T196 (Mar.)
- Ang BCN, Halliday D, Wade AJB, Powell-Tuck J: W48 (Mar.)
- Ang BCN, Powell-Tuck J, Mazurkiewicz J, Fawcett HV, Bingham SA, Price CP: W49 (Mar.)
- Angerson W, Allison MC, Baxter JN, Russell RI: T197 (Mar.)
- Angerson WJ, Geraghty JG, Jaffray B, Baxter JN, Anderson JR: W96 (Sept.)
- Anggiansah A, Cooke R, Owen WJ: F244 (Mar.)
- Anggiansah A, Wang J, Owen WJ: T167 (Sept.)
- Anthony A, Dhillon AP, Nygard G, Hudson M, Piasecki C, Strong P, Tervethick MA, Clayton NM, Pounder RE, Wakefield AJ: T182 (Sept.)
- Anthony DC, Savage RJ, Hembry RM, Boulos PB: F266 (Sept.)
- Anti M, Marra G, Armelao F, Ficarelli R, Percesepe A, Ponz de Leon M: T180 (Mar.)
- Anti M, Marra G, Armelao F, Percesepe A, Ficarelli R, Coco C, De Vitis I, Ponz de Leon M: T140 (Sept.)
- Anti M, Palozza P, Agostara G, Marra G, Armelao F, Percesepe A, Ficarelli R, Gentiloni N, Ponz de Leon M: W79 (Sept.)
- Arthur MJP, Iredale JP, Murphy G, Hembry RM, Friedman SL: F213 (Mar.)
- Aslam M, Batten JJ, Florin THJ, Sidebotham RL, Baron JH: F274 (Sept.)
- Atherton JC, Hyman-Taylor P, Hawkey CJ, Spiller RC: W17 (Sept.)
- Atkin WS, Williams CB, Macrae FA, Jones S: F206 (Mar.)
- Attard AR, Corlett MJ, Kidner NJ, Leslie AP, Fraser IA: F247 (Sept.)
- Awad RW, Skilton JS, Elder JB: F255 (Sept.)
- Axelson L-G, Landstrom E, Gylund-Fellenius A-C: T154 (Sept.)
- Aziz Q, Furlong P, Barlow J, Hobson A, Whittle D, Alani S, Bancewicz J, Thompson DG: F215 (Sept.)
- Aziz Q, Rothwell JC, Barlow J, Hobson A, Whittle D, Alani S, Bancewicz J, Thompson DG: F218 (Sept.)
- Bailey IS, Stumpf J, Johnson CD: F232 (Sept.)
- Ballinger AB, Clark ML: W47 (Mar.)
- Ballinger AB, McHugh M, Catnach SM, Alstead EM, Clark ML: W88 (Sept.)
- Banting SW, Shimi SM, Cuschieri A: W82 (Mar.)
- Barker GM, Davis AE, Radley S, Keighley MRB, Setchell KD, Neoptolemos JP: W6 (Mar.)
- Barlow AP, Eyre-Brook IA: W79 (Mar.)
- Barracough M, Taylor CJ: W86 (Sept.)
- Bell NJV, Burget DW, Howden CW, Morgan DG, Hunt RH: F246 (Sept.)
- Bell SM, Scott N, Cross D, Sagar P, Lewis FA, Blair GE, Taylor GR, Dixon MF, Quirke P: T135 (Mar.)
- Belluzzi A, Gionchetti P, Campieri M, Boschi S, Tampieri M, Bertinelli E, Rizzello F, Brignola C, Miglioli M, Barbara L: T161 (Sept.)
- Benini L, Castellani G, Brightenti F, Pellergrini N, Casiraghi C, Brentegani MT, Caliari S, Fioretta A, Sembenini C, Porrini M, Bonfante F, Pilati S, Vantini I: T192 (Sept.)
- Bennett M, Tighe O, Mulcahy H, Williams N, O'Donoghue D, Croke DT: W2 (Mar.)
- Benson MJ, Castillo DF, Wingate DL: T122 (Sept.)
- Benson MJ, Roberts JP, Rogers J, Deeks JJ, Castillo FD, Williams NS, Wingate DL: W71 (Sept.)
- Bergin AJ, Donnelly TC, McKendrick MW, Read NW: F221 (Sept.)
- Bergin AJ, Read NW: T124, F220 (Sept.)
- Bianchi Porro G, Lazzaroni M, Sangalletti O, Bargiggia S: T166 (Mar.)
- Bickley J, Fraser AG, Owen RJ, Pounder RE: W21 (Sept.)
- Blanshard C, Dowell S, Ellis DS, Cannon EV, Gazzard BG: T177 (Mar.)
- Blanshard C, Gazzard BG: F228 (Mar.)
- Bloom S, Dillon L, Pigott R, Simmons D, Jewell DP: W5 (Sept.)
- Boughton-Smith NK, Evans SM, Cole AT, Whittle BJR, Hawkey CJ: W44 (Sept.)
- Boughton-Smith NK, Evans SM, Whittle BJR: W45 (Sept.)
- Bowling TE, Hadjiminas CJ, Polson RJ, Baron JH: F209 (Mar.)
- Bradburn DM, Mathers JC, Gunn A, Burn J, Chapman PD, Johnston IDA: W5 (Mar.)
- Bramley PN, Oldroyd B, Stewart SP, Pitt E, Simpson M, Losowsky MS, Smith MA: W102 (Sept.)
- Bramley PN, Oldroyd B, Stewart SP, Simpson M, Losowsky MS, Smith MA: W101 (Sept.)
- Brandi G, Chaussade S, Ladire M, Nicoli J, Hautefeuille P, Valleur P, Courtier D, Paganelli GM, Biasco G, Miglioli M, Riabaud P: T162 (Sept.)
- Brij S, Slack RCB, Hawkey CJ, Logan RFA: F291 (Mar.)
- Bugnoli M, Armellini D, Rappuoli R, Xiang Z-Y, Rossolini A, Figura N: F269 (Mar.)
- Busch ORC, Hoynck van Papendrecht MAW, Marquet RL, Jeekel J: F277 (Mar.)
- Butcher GP, Banks LM, Walters JRF: F214 (Sept.)
- Cahill RJ, O'Sullivan KR, Mathias PM, Beattie S, Hamilton H, O'Morain C: F279 (Mar.)
- Caliari S, Benini L, Brentegani MT, Bonfante F, Castellani G, Fioretta A, Bardelli E, Vantini I: W87 (Sept.)
- Caliari S, Bonfante F, Benini L, Brentegani MT, Castellani G, Vantini I: W50 (Mar.)
- Campbell AP, Merrett MN, Kettlewell M, Mortensen MJ, Jewell DP: T207 (Sept.)
- Cann PA: W60 (Sept.)
- Catterall AP, Conway M, Brown E, Curtis JR, Coleman JC, Murray-Lyon IM: F210 (Mar.)
- Cevallos AM, Farthing MJG: T176 (Mar.)
- Cevallos AM, Mourad FH, Farthing MJG: T175 (Mar.)
- Chaloner C, Schofield D, Kay PM, Mohan V, Snehalatha C, Braganza JM: T109 (Mar.)
- Chan KN, Phillips AD, Walker-Smith JA: T151 (Sept.)
- Chapman MAS, Grahn MF, Hutton M, Rogers J, Williams NS: T158 (Sept.)
- Chaudrai CP, Rajgopal C, Palmer KR: F208 (Mar.)
- Chen SZ, Liu ZZ, Pan BR, Zhang XR: F286 (Mar.)
- Chen SZ, Zhou HZ, Pan BR, Cheng SL: T200 (Mar.)
- Cherian P, Bardhan KD, Smith LF, Thorpe JAC, Oakley D, Dawson D: T132 (Mar.)
- Chia YW, Gill KP, Forti AD, Henry MM, Shorvon PJ: T204 (Sept.)
- Chia YW, Lemieux MC, Kamm MA, Henry MM, Swash M, Fowler CJ: F278 (Sept.)
- Chinery R, Poulsom R, Rogers LA, Jeffery RE, Longcroft JM, Hanby AM, Wright NA: T181 (Sept.)
- Ching CK, Holmes SW, Holmes GKT, Long RG: T112 (Mar.)
- Ching CK, Ng D, Buxton C, Long RG: W14 (Mar.)
- Ching CK, Ronan JE, Ansell ID, Long RG: T144 (Sept.)
- Chuah SY, Moody GA, Mayberry JF: W61 (Mar.)
- Clements B, Halliday I, Irwin P, McCaigue M, Rowlands BI: W78 (Mar.)
- Clements B, Halliday I, Rowlands BJ: W54 (Mar.)
- Cole AT, Holmes E, Nassim MA, Nicholson JK, Hawkey CJ: F246 (Mar.)
- Cole AT, Kurlak L, Hawkey CJ: W19 (Mar.)
- Cole AT, McLaughlan J, Hawkey CJ: T160 (Sept.)
- Cole AT, Smith C, McLaughlan J, Pilkington B, Hawkey CJ: F258 (Sept.)
- Colin-Jones DG, Langman MJS, Lawson D, Logan R, Rawlins M, Wainwright P, Weil J: T191 (Sept.)
- Collier JD, Bennett MK, Hall A, Cattan AR, Lendrum R, Bassendine MF: W91 (Sept.)
- Collins SM, Bamford KB, Bickley J, Johnston BT, Sloan JM, Boston VE, Potts SR, Owen RJ: W9 (Mar.)
- Connell WR, Kamm MA, Lennard-Jones JE, Ritchie JD: W38 (Mar.)
- Cornell A, Williams AJK: W62 (Mar.)
- Crabtree JE, Figura N, Bugnoli M, Taylor JD, Armellini D, Wyatt JI, Tompkins DS: W13 (Mar.)
- Crabtree JE, Wyatt JI, Nichols PH, Trejosiewicz LK, Peichl P, Primrose JN, Lindley IJD: T138 (Sept.)
- Cripps NPJ, Kemp PM, Sampson WDF, Macleod MA, Leicester RJ: W27 (Mar.)
- Crowe PT, Marsh MN: W42 (Mar.)
- Cullen DJ, Collins BJ, Christiansen K, Epis J, Surveyor I, Warren JR: W15 (Sept.)
- Cullen DJE, Collins BJ, Cullen KJ, Christiansen K, Epis J, Warren JR: W16 (Sept.)
- Dakkak M, Aziz K, Bennett JR: T199 (Mar.)
- Dakkak M, Bennett JR: T174 (Sept.)
- Dakkak M, Buckton GK, Kamberoglou D, Bennett JR: T118 (Sept.)
- Dakkak M, Oaten M, Teasdale PR, Bennett JR: W40 (Sept.)
- Dalton HR, Merrett MN, Britton BJ, Chapman RW: W52 (Sept.)
- Daly J, Bergin AJ, Sun WM, Read NW: W75 (Sept.)
- Davies GR, Simmonds NJ, Rampton DS: W15, T163 (Mar.)
- Davies GR, Stevens TRJ, Lawrenson I, Banatvala N, Powell M, Rampton DS: F271 (Mar.)
- Davies MH, Acharya SK, Elias E, Cotton W, Fryer AA, Faulder GC, Strange RC: W31 (Sept.)
- Davies MH, Langman MJS, Elias E, Neuberger JM: T121 (Mar.)
- Davies N, Kynaston H, Yates J, Jenkins SA, Taylor BA: T186 (Mar.)
- Dawson JW, Tate JTT, Lau WY, Li AKC: W64 (Sept.)
- de Angelis CP, Kaklamannis L, Mortensen N, Harris AL, Gatter KC: W80 (Sept.)

- de Gara CJ, Harpur G, North W, Knight P, Basrur V: T202 (Sept.)
de Graaf EJR, Gilberts ECAM, Schouten WR, van Blankenstein M: T151 (Mar.)
- Deen KI, Hutchinson R, Grant E, Kumar D, Keighley MRB: T112 (Sept.)
Del Favero G, Di Mario F, Caroli A, Volpi A, Puglisi A, Scaloni P, Meggiato T, Naccarato R: W75 (Mar.)
- Dewsnap PA, Gomborone JE, Libby GW, Farthing MJG: W90 (Mar.)
Dickey W, Collins JSA, Watson RGP, Sloan JM, Porter KG: W20 (Sept.)
Dickey W, McMillan SA, Bharucha C, Porter KG: W40 (Mar.)
Dickinson AJ, Savage AP, Kettlewell MGW: F280 (Mar.)
DiGregorio C, Fante R, Losi L, Sassatelli R, Pedroni M, Ponz de Leon M: W21 (Mar.)
- Dillon J, Grose R, Nolan J, Bouchier IAD, Hayes PC: W105 (Sept.)
Ding S-F, Dooley JS, Delhanty JDA, Bowles L, Wood CB, Habib NA: W32 (Sept.)
- Dorudi S, Sheffield JP, Poulsom R, Northover JMA, Hart IR: T143 (Sept.)
Duthie GS, Bartolo DCC: F279 (Sept.)
- Duthie GS, Bartolo DCC, Farouk R: W85 (Sept.)
- Duthie GS, Farouk R, Bartolo DCC: T116 (Sept.)
- Dyke GW, Craven JL, Hall R, Garner RC: T140, F284 (Mar.)
- El-Omar E, Boyd EJS, Penman I, McColl KEL: T109 (Sept.)
El-Omar E, Penman I, Dorrian CA, Ardill JES, McColl KEL: T111 (Sept.)
- Elia G, Hanby A, Poulsom R, Jankowski J, Wright N: T178 (Mar.)
Ellis A, Cochrane AMG, Faizallah R, Shakil O: T137 (Sept.)
Ellis HJ, Doyle AP, Wieser H, Sturgess RP, Ciclitira PJ: F270 (Sept.)
Engelman JL, Qureshi U, Murphy GM, Sladen GE: T180 (Sept.)
Ensari A, Loft DE, Marsh MN, Moriarty KJ, Morgan S: F268 (Sept.)
Ensari A, Marsh MN, Ager A, Morgan S, Moriarty KJ: F269 (Sept.)
Ensari A, Morgan S, Moriarty KJ, Marsh MN: F212 (Sept.)
- Farinati F, Plebani M, Di Mario F, Valiante F, Della Libera G, Fanton MC, Di Boni M, Cielo R, Naccarato R: T183 (Mar.)
- Farinati F, Valiante F, Germana B, Baffa R, Rugge M, Della Libera G, Fanton MC, Vianello F, Di Mario F, Naccarato R: T160 (Mar.)
- Farouk R, Duthie GS, Bartolo DCC: F235 (Mar.); T113, T115 (Sept.)
- Farouk R, Jacques B, Drury JKJ, Smith IS: W60 (Mar.)
Farrell AJ, Collins CE, Stevens TRJ, Jupp RA, Blake DR, Rampton DS: W10 (Sept.)
- Figura N, De Gregorio L, Bugnoli M, Armellini D, Esposito E, Abate L, Bayeli PE: F264 (Mar.)
- Filipe MI, Jankowski JAZ, Patel K, Hanby AM: T169 (Sept.)
Finnie IA, Morris AI, Gilmore IT: T124 (Mar.)
- Ford GA, Oliver PS, Prior J, Wilkinson SP: W43 (Sept.)
- Fraser AG, Lam WM, Luk YW, Sercombe J, Sawyerr ALM, Hudson M, Smith H, Pounder RE: T189 (Mar.)
- Fraser AG, Prewett EJ, Pounder RE, Samloff IM: W12 (Mar.)
Fraser AG, Sawyerr AM, Hudson M, Smith M, Pounder RE: T191 (Mar.)
- Freeman TC, Tivey DR, Collins AJ: T137 (Mar.)
- French SJ, Read NW: F216 (Sept.)
- Fullarton GM, Darling K, McMillan R, Bell G: W66 (Mar.)
Fullarton GM, El Nujumi AM, McColl KEL: T194 (Mar.)
- Gandhi MR: W63 (Mar.)
- Gardiner KR, Crockard AD, Halliday MI, Rowlands BJ: W3 (Sept.)
Garner A, Hampson SE, Stainer AM, Currey BJ, Calcaccia BE, Woodburn JR, Morris DL, Watson S: F251 (Sept.)
- Ghosh S, Palmer KR, Heading RC: T117 (Sept.)
Giaffar MH, Jsdason K, Hishon S: W61 (Sept.)
- Gillespie A, Hogemann B, Domschke W: W33 (Sept.)
Gilmore IT, Burroughs A, Hopkins A, Murray-Lyon IM, Williams R: W67 (Mar.)
- Gomborone JE, Dewsnap PA, Libby GW, Farthing MJG: W91, F255 (Mar.)
Gorard DA, Libby GW, Farthing MJG: T114 (Mar.)
Gorard DA, Taylor TM, Libby GW, Farthing MJG: F219 (Sept.)
- Gordon AC, Dallman MJ, Morris PJ: W27 (Sept.)
Gore S, Healey CJ, Sutton R, Shepherd NA, Wilkinson SP: T127 (Mar.)
Gray MR, Thomas DM, Hall PA, Kingsnorth AN: T126 (Mar.)
Gray MR, Wallace HM, Hoffman J, Golding H, Kenyon W, Kingsnorth AN: T164 (Sept.)
- Greig JD, Angerson WJ, Geraghty J, Carter DC: T198 (Sept.)
Greig JD, Angerson WJ, Geraghty JD, Carter DC: T196 (Sept.)
Greig JD, Angerson WJ, Geraghty JG, Carter DC: T197 (Sept.)
Griffith J, Sue-Ling H, Everitt N, Boylston A, Johnston D, McMahon MJ: W80 (Mar.)
- Groom JS, Kamm MA, Nicholls RJ: T116 (Mar.)
Groom JS, Nicholls RJ, Hawley PR, Phillips RKS: T157 (Mar.)
Grose RD, Nolan J, Errington M, Bouchier IAD, Hayes PC: W103 (Sept.)
Grose RD, Redhead D, Bouchier IAD, Hayes PC: W35 (Sept.)
Guslandi M, Sorghi M, Passaretti S, Mazzotti G, Tittobello A: F288 (Mar.)
- Hale PC, Hanley DC, Hamby A, Rowe PH, Mason RC: F290 (Mar.); T195 (Sept.)
- Hall C, Ganap P, Tyrell PNM, Li JKW, Dorrington NJ: T106 (Mar.)
Hanby A, Jankowski J, Poulsom R, Singh S, Elia G, Wright N: T125 (Mar.)
Hanby AM, Singh S, Poulsom R, Jankowski J, Hopwood D, Elia G, Rogers L, Paten K, Wright NA: T141 (Sept.)
- Hardcastle J, Hardcastle PT, Taylor CJ: T128 (Sept.)
Hardy SP, Spitz L: T153 (Sept.)
Harvey CB, Swallow DM: T177 (Sept.)
Hatfield ARW, Craig PJ, Lanzon Miller S, Russell RCG: T133 (Sept.)
Healey CJ, Goodrick MJ, Rouse A, Pearson V, Gray S, Caul EO, Barry R, Anderson NAB: W95 (Sept.)
- Healey CJ, Wilkinson SP: T193 (Mar.)
Hendrickse C, Radley S, Davis A, Keighley MRB, Kelly R, Neoptolemos J: W20 (Mar.)
- Hendrickse MT, Triger DR: W56, F211 (Mar.)
Hennigan TW, Malone PC, Silver IA: T183, T184 (Sept.)
Heuer DR, Tizard EJ, Mahdi G, Mittal NK, Schutte WH, Sandhu BK: T115 (Mar.)
- Higham A, Griffiths E, Owen F, Kirkham E, Thompson D: T120 (Mar.)
Higham A, McMahon R, Kirkman E, Thompson D: W73 (Sept.)
Hine KR, Rao K, Bari A, Lim AG, Theodosi A: W39 (Sept.)
Holcombe C, Thom C, Kaluba J, Lucas SB, Eldridge J, Jones DM: T164 (Mar.)
- Hudson M, Piasecki C, Wakefield AJ, Sankey EA, Osborne M, Sim R, Dhillon AP, Pounder RE: T170 (Mar.)
- Hudson M, Wakefield AJ, Carr DC, Dhillon AP, Pounder RE: W28 (Mar.)
Hudson N, Faulkner G, Smith SJ, Langman MJS, Logan RFA, Hawkey CJ: F243 (Sept.)
- Hudson N, Faulkner G, Smith SJ, Logan RFA, Hawkey CJ: T155 (Sept.)
Hudson N, Murray FE, Cole AT, Turnbull GM, Lettis S, Hawkey CJ: T187 (Mar.)
- Hudson N, Taha AS, Sturrock RD, Russell RI, Hawkey CJ: T165 (Mar.)
Hull MA, Rawlings J, Hawkey CJ, McIntyre AS, Allison SP, Murray FE: W66 (Sept.)
- Hunt JB, Cohen H, Dixit M, Kanwar S, Thomas HC: W29 (Sept.)
Hunt LM, Armitage NC, Hardcastle JD: T208 (Sept.)
- Hurst S, Staisz A, Sharkey K, Bunnett N, Blennerhassett P, Collins SM: F265 (Sept.)
- Hussaini SH, Kennedy C, Padhani A, Dowling RH: W49 (Sept.)
Hussaini SH, Maghsoudloo M, Murphy GM, Kennedy C, Wass JAH: F227 (Sept.)
- Hussaini SH, Maghsoudloo M, Murphy GM, Kennedy C, Wass JAH, Dowling RH: F228 (Sept.)
- Hussaini SH, Murphy GM, Kennedy C, Wass JAH, Besser GM, Dowling RH: T103 (Mar.)
- Hutchinson R, Panagamuwa B, Deen KI, Nitghi A, Harding LK, Kumar D: F222 (Sept.)
- Hutchinson R, Tyrrell PNM, Li JKW, Kumar D, Allan RN: W53 (Sept.)
- Ibbotson SH, Jones SC, Lobo AJ, Axon ATR, Davies JA: W9 (Sept.)
Ismael T, Bancewicz J: F248 (Sept.)
- Izumi S, Langley PG, Hughes RD, Pernambuco JRB, Williams R: W30 (Sept.)
- Jaffe V, Alexander B, Mathie RT: W36 (Sept.)
Jaffray B, Angerson WJ, Baxter JN: W34 (Sept.)
- Jalleh RP, Watanapa P, Williamson RCN: T111 (Mar.)
- Jameson JS, Kapadia SA, Polson RJ, McCarthy PT, Misiewicz JJ: T203 (Mar.)
- Jameson JS, Speakman CTM, Darzi A, Chiu YW, Henny MM: F230 (Mar.)
Jenkins SA, Copeland G, Kingsnorth A, Shields R: F221 (Mar.)
- Jiang WG, Puntis MCA: W58, T182 (Mar.)
Johnston BT, Collins JSA, McFarland RJ, Love AHG: T143 (Mar.)
Johnston BT, Lewis SA, Love AHG: T144 (Mar.)
Johnston DA, Walker K, Richards J, Pennington CR: W51 (Mar.)
Jones SC, Haidar A, Crabtree JE, Banks R, Dixon MF, Axon ATR, Whicher JT: W30 (Mar.)
- Kamberoglou D, Taylor AD, Buckton GK, Bennett JR: F238 (Mar.)
Kant R, Masters A, Donald J, Lees WR, Bown SG: W69 (Mar.)
- Kapadia SA, Raimundo AH, Silk DBA: F229 (Mar.)
- Kapur P, Davies NM, Gillespie J, Schally AV, Guillou PJ, Poston GJ: T179 (Mar.)
- Karatapanis S, Lenzini G, Millar A, Dhillon A, Rolles K, Burroughs AK: F217 Mar.)
- Katelaris PJ, Naeem A, Farthing MJG: T178 (Sept.)
Katelaris PJ, Seow F, Lin B, Napoli J, Jones DB, Ngu MC: T193 (Sept.)
Keely SJ, O'Malley KE, Stack WA, O'Donoghue D, Baird AW: F271 (Sept.)
Khandaker K, Brydon G, Eastwood MA, Palmer KR: T192 (Mar.)
Khasawneh S, Affarah HB: T195 (Mar.)
- Kmiot WA, Perry EP, Lee MJ, Wolverson R, Harding LK, Neoptolemos JP: W92 (Sept.)
- Knight T, Wyatt J, Newell D, Hengels K, Corlett M, Wilson A, Greaves S, Webb P, Forman D, Elder JB: W18 (Sept.)
- Konturek JW, Domschke W: W94 (Sept.)
- Konturek JW, Stoll R, Downtrek SJ, Domschke W: F241 (Sept.)
- Koutsomanis D: T201 (Mar.)
- Koutsomanis D, Lemieux M-C, Lennard-Jones JE, Kamm MA, Walker E: F263 (Mar.)
- Kowalski-Saunders PWJ, Strain A, Arthur MJP: W59 (Mar.)
Krischer J, Noblett H, Sandhu BK: F242 (Mar.)
- Kruszynska YT, Harry DS, McIntyre N: F219 (Mar.)

- Kurzawinski T, Davidson B, Dooley J, Dick R, Deery A, Hobbs K: W77 (Mar.)
 Kurzawinski T, Hayter B, Tate J, Davidson B, Hobbs KEF: F254 (Sept.)
 Kurzawinski T, Tate J, Agar N, Davidson B, Hobbs KEF: W22 (Sept.)
 Kuzu A, Lewis WG, Holdsworth PJ, Sagar P, Johnston D: W77, F249 (Sept.)
 Kuzu A, Lewis WG, Jones D, Holdsworth PJ, Finan PJ, Johnston D: W76 (Sept.)
 Kwun SY, Heywood LH, Watson A: T131 (Mar.)
 Kwun SY, Spychal RT, Watson A: F240 (Mar.)
 Kynaston H, Davies N, Yates J, Roberts N, Parsons K, Taylor BA, Jenkins SA: W72 (Mar.)
- Lai KC, Pollock D, Kalabakas A, Grandison A, Swain CP: F244 (Sept.)
 Lai KC, Swain CP, Gong D, Ratani RS, Brown G, Mills T: W65 (Sept.)
 Lance P, Rai R, Anderssen V, Piscatelli JJ, Sivakumar A, Cohen SA: T134 (Mar.)
 Lauffer GL, Ahmed H, Jazrawi RP, Northfield TC: T104 (Mar.)
 Lauffer GL, Jazrawi RP, Ahmed H, Grundy A, Northfield TC: W51 (Sept.)
 Lee JCW, Cevallos Am, Lennard-Jones JE, Farthing MJG: T99 (Mar.)
 Lee JR, Temple HG: T146 (Mar.)
 Leung HY, Gullick WJ, Lemoine NR: W90 (Sept.)
 Lewis WG, Holdsworth PJ, Kuzu A, Finan PJ, Johnston D: W25 (Sept.)
 Li H, Walsh Tn, Hennessy TPJ: T142 (Mar.)
 Lim AG, Salzmann MB, Muhiddin KA, Daneshmend TK: W39 (Mar.)
 Lim SG, Condez AM, Lee CA, Johnson MA, Pounder RE, Poultre LW: W45 (Mar.)
 Lim SG, Lipman M, Squire SB, Johnson MA, Lee CA, Pounder RE: T204 (Mar.)
 Lim SG, Sawyerr ALM, Hudson M, Sercombe J, Pounder RE: F236 (Sept.)
 Lindley KJ, Muller DPR, Milla P: T152 (Sept.)
 Linehan IP, Varty PP, Boulos PB: F281 (Mar.)
 Lionetti P, Murch SH, Walker-Smith JA, MacDonald TT: W4 (Sept.)
 Logan RFA, Little J, Hawtin P, Hardcastle JD: F225 (Sept.)
 Logan RPH, Hurlimann S, Gummert PA, Walker MM, Karim QN, Baron JH, Misiewicz JJ: W11 (Mar.)
 Loh CS, Bedwell J, MacRobert AJ, Krasner N, Phillips D, Bown SG: F282 (Mar.)
 Losi L, Benhattar J, Roncucci L, Ponz de Leon M, Costa J: T181 (Mar.)
 Losi L, di Gregorio C, Fante R, Roncucci L, Pedroni M, Ponz de Leon M: W81 (Sept.)
 Loudon M, Waldron B, Small PK, Campbell FC: W41 (Sept.)
 Loudon M, Waldron B, Smith D, Small P, Campbell FC: T141 (Mar.)
 Lugering N, Stoll R, Sorg C, Domschke W: T96, T97 (Mar.); F264 (Sept.)
 Lunnius PJ, Armstrong PA, Phillips RKS: F256 (Mar.)
 Lynch DAF, Clarke AMT, Jackson P, Drake IM, Axon ATR, Dixon MF, Quirke P: F260 (Sept.)
 Lynch S, Murphy A, Weir DG, Feighery C, O'Farrelly C, Kelleher D: T169 (Mar.)
- McAdam JG, Leicester RJ: T205 (Mar.)
 McAleese P, Calvert H, Ferguson WR, Laird J: T120 (Sept.)
 McColl KEL, El Nijumi AM, Chittajallu RS, El Omar E, Dahill S, Bessent R, Gray H: T162 (Mar.)
 McCourtney JS, Finlay IG: T156 (Mar.)
 McCue JL, Phillips RKS: T158 (Mar.)
 McCue JL, Sheffield JP, Phillips RKS: F278 (Mar.)
 McCullough J, Przybysz A, Jankowski J: T142 (Sept.)
 McFarlane X, Bhalla A, Morgan L, Reeves D, Robertson DAF: T189 (Sept.)
 McIlroy BS, Norris TL, Mackie CR: W74 (Sept.)
 McIntyre AS, Maddern MV, Nicholls RJ: T155 (Mar.)
 McIntyre AS, Spiller R: T135 (Sept.)
 McKinlay AW, Milne K, Brunt PW, Mowat NAG, Gould IM: F268 (Mar.)
 McKinlay AW, Milne K, Mowat NAG, Gould I: F267 (Mar.)
 McMahon AJ, Baxter JN, Anderson JR, Ramsay G, Galloway D, Sunderland G, Russell IT, O'Dwyer PJ: F250 (Sept.)
 MacMathuna P, Lennon J, Crowe J: T131 (Sept.)
 Mahmood B, Higgs NB, Tonge A, Warhurst G, Turnberg LA: T168 (Mar.)
 Mansfield JC, Giaffer MH, Holdsworth CD: W12 (Sept.)
 Marrero JM, de Caestecker JS, Finch C, Maxwell JD: T173 (Sept.)
 Marrero JM, Finch PJ, Goggin M, Savalgi RS, Corbishley C, Northfield TC: T139 (Sept.)
 Marsh MN: W43 (Mar.)
 Marshall SG, Johnston BT, Parks TG, Spence RAJ: W42 (Sept.)
 Marshall SG, Johnston BT, Spence RAJ, Parks TG: T170 (Sept.)
 Martin A, Giacomin D, Mussolin L, Luisetto G, Fries W, Plebani M, Naccarato R: F227 (Mar.)
 Martin A, Leone L, Spella M, Naccarato R: F254 (Mar.)
 Mason RC, Derodra J, Hale P, Harper P, Highley M, Houston S, Owen WJ: T129 (Mar.)
 Mastropao G: W89 (Mar.)
 Maxton DG, Nicholson DA, Tweedie DEF, Martin DF: T132 (Sept.)
 Mayall T, Macpherson A, Bjarnason I, Forgacs I, Peters T: T93 (Mar.)
 Mazzlam MZ, Hodgson HJF: W31 (Mar.)
 Meenan J, Keeling PWW, Mulcahy F, Weir DG: W65 (Mar.)
 Mellon AF, Eastham EJ, Macleod RI: T149 (Sept.)
- Mellon AF, Shepherd RW, Faoagali J, Balderson G, Ong TH, Patrick M, Cleghorn CJ, Lynch S, Strong R: T148 (Sept.)
 Mendall MA
 Joseph AE, Savarymuttu S, Northfield TC, Maxwell JD: T188 (Mar.)
 Marrero JM, Goggin PM, Molinaux N, Levi J, Northfield TC: W19 (Sept.)
 Mendall MA, Goggin PM, Marrero JM, Molinaux N, Levy J, Kitchen P, Badve S, Corbishley C, Finlayson C, Maxwell JD, Northfield TC: F270 (Mar.)
 Mendall MA, Goggin PM, Molinaux N, Levy J, Toosy F, Strachan D, Northfield TC: T159 (Mar.)
 Mendall MA, Jazrawi RP, Marrero JM, Goggin PM, Levi J, Molinaux N, Lewington A, Harding T, Maxwell JD, Northfield TC: W58 (Sept.)
 Mendelson M, Greaves R, Logan R, Hegarty B, Baron JH, Misiewicz JJ: T108 (Sept.)
 Menzel J, Foerster EC, Domschke W: T136 (Sept.)
 Merrett MN, Bloom SL, Mortensen NJ, Jewell DP: T186 (Sept.)
 Merrett MN, Jewell DP: T187 (Sept.)
 Merrett MN, Owen RW, Dalton HR, Mortensen NJ, Jewell DP: T201 (Sept.)
 Middleton SJ, Shorthouse M, Hunter JO: W46, T163 (Sept.)
 Middleton SJ, Wharton S, Li D, Wright EP, Hunter JO: F250 (Mar.)
 Mitchell DC, Alstead EM, Scott ADN, Hatfield A, Wellwood JM: T134 (Sept.)
 Mithie CA, Thomas A, Soo KS, Obinna F, Beales D, McLean A, Walker-Smith JA: T179 (Sept.)
 Moody GA, Bullock M, Mayberry JF: T157 (Sept.)
 Moody GA, Mann R, Gay S, Wicks ACB, Mayberry JF: W64 (Mar.)
 Mooren FC, Stoll R, Domschke W, Gronczewski J, Jans AWH, Kinne RKH: W93 (Sept.)
 Moran A, Radley S, Neoptolemos JP, Jones AF, Asquith PA: F272 (Mar.)
 Morgan DG, Bell NJV, Padol I, Hunt RH: F245 (Sept.)
 Morris AJ, Madhok RJ, Capell HA, Sturrock RD, Mackenzie JF: W36 (Mar.)
 Morris PA, Tanner MS: T147 (Sept.)
 Moss SF, Calam J: T110 (Sept.)
 Moss SF, Legon S, Calam J: F293 (Mar.); T107, F242 (Sept.)
 Moss SF, Unwin R, Waheed A, Calam J: T125 (Sept.)
 Mourad FH, O'Donnell LJD, Dias JA, Ogutu E, Farthing MJG: T172 (Mar.)
 Mourad FH, O'Donnell LJD, Ogutu E, Dias JA, Farthing MJG: F224 (Mar.)
 Mousoulis G, Mazlam MZ, Hodgson HJF: F212 (Mar.)
 Mulholland G, Ardill JES, Chittajallu RS, McColl KEL: F266 (Mar.)
 Muller AF, Toghill PJ: F218 (Mar.)
 Murphy PP, Johnston BT, Collins JSA: T165 (Sept.)
 Murray FE, Kenny C, Hawkey CJ, Logan RFA: W55, W57 (Sept.)
- Nicholson AG, Marks CG, Cook MG: T203 (Sept.)
 Ninkovic M, Bishop A, Polak J, Hodgson HJF: F259 (Sept.)
 Norton B, Ashraf W, Austin R, Pollack DJ, Rampton DS: F251 (Mar.)
 Nugent KP, Farmer KCR, Spigelman AD, Williams CB: T129 (Sept.)
 Nugent KP, Phillips RKS: W8 (Mar.)
 Nugent KP, Spigelman AD, Williams CB, Phillips RKS: F292 (Mar.)
 Nwokolo CU, Tan WC, Andrews HA, Allan RN: W14 (Sept.)
- O'Brien S, Burke A, Casey M, Fitzgerald MX, Hegarty JE: W44 (Mar.)
 O'Brien S, Fitzgerald MX, Hegarty JE: W53 (Mar.)
 O'Brien S, Hathfield ARW, Craig PI, Williams S: T130 (Sept.)
 O'Donnell LJD, Hoyle CHV, Farthing MJG: F230 (Sept.)
 O'Donnell LJD, Mourad FH, Farthing MJG: T171 (Mar.)
 Ohri SK, Somasundaram S, Pathi V, Keogh BE, Menzies IS, Taylor KM, Bjarnason I: T167 (Mar.)
 O'Kelly TJ, Brading AF, Mortensen NJ: F257 (Mar.); W47, W48 (Sept.)
 Oldroyd B, Bramley PN, Stewart SP, Simpson M, Losowsky MS, Smith MA: W99
- O'Morain C, Sant SM, Gilvarry J, Cahill R, Beattie S, Hamilton J: F257 (Sept.)
 Onwu D, Grahn MF, George BD, Williams NS: F231 (Mar.)
 Osborn M, Filipe MI, Gullick W, Jankowski J: T200 (Sept.)
 Osborne MJ, Hudson M, Piasecki C, Sim R, Dhillon AP, Sankey EA, Lewis AAM, Pounder RE, Wakefield AJ: F253 (Mar.)
 Osman E, Hutton R, McIntyre N, Burroughs AK: W52, F220 (Mar.)
 Ozutemiz AO, Akarca US, Batur Y, Aydin HH, Cuvusoglu H: F238 (Sept.)
- Palmer KR, Ker M, Leonard R, Cull A, Carter DC: W70 (Mar.)
 Panos MZ, Walt R, Langman MJS: T168 (Sept.)
 Papachrysostomou M, Smith AN: F234 (Mar.); W67 (Sept.)
 Parsons ME, Ife RJ, Leach CA, Broom C: T126 (Sept.)
 Patchett SE, Przytulski K, Alstead EM, Neale K, Phillips RKS, Farthing MJG: W7 (Mar.)
 Patchett SE, Trzciak L, Alstead EM, Nugent K, Phillips RKS, Farthing MJG: T185 (Mar.)
 Patel RT, Jalleh RP, Glencross EJ, Vellacott KD: W59 (Sept.)
 Penagini R, Bartesaghi B, Bianchi PA: T172 (Sept.)
 Peppas G, Bhatnagar NK, Payne HR, Jeyasingham K: T147 (Mar.)

- Peppas G, Federico J, Jeyasingham K: T148 (Mar.)
 Peppas G, Payne HR, Federico J, Jeyasingham K: W84 (Mar.)
 Petroni ML, for the British-Italian Gallstone Study Group: T102 (Mar.)
 Pironi L, Miglioli M, Valpiani D, Ruggeri E, Miglio F, Incasa E: T185 (Sept.)
 Plebani M, Basso D, Delle Fave GF, Annibale B, Stanghellini V, Vigneri S, Corinaldesi R, Di Mario F, Naccarato R: T161 (Mar.)
 Plevris IN, Walker SW, Harrison DJ, Dhariwal A, Hayes PC, Bouchier IAD: F234 (Sept.)
 Poller DN, Steele RJC, Spendlove I, Baker C, Mayer RRJ: F239 (Mar.)
 Ponz de Leon M, Benatti P, Sassatelli R: W82 (Sept.)
 Prabhakar MC, Crowe J: W98 (Sept.)
 Pradhan AM, Bhate SA, Joshi VV, Pandit AN, Tanner MS: T146 (Sept.)
 Pritchard AJ, Steele RJC, Powe DG, Hewitt RE: W84 (Sept.)
 Probert CS, Jayanthi V, Mayberry JF: T152 (Mar.)
 Probert CS, Jayanthi V, Wicks AC, Thompson J, Mayberry JF: F248 (Mar.)
 Probert CSJ, Emmett PM, Cripps HA, Heaton KW: F276 (Sept.)
 Probert CSJ, Emmett PM, Heaton KW: F272 (Sept.)
 Pugh S: W16 (Mar.)
 Puntis MCA, Jiang WG: W76 (Mar.)
 Purkiss SF, Williams NS: W97 (Sept.)
- Radley S, Imray CHE, Davis A, Barker G, Hendrickse CW, Donovan IA, Lawson A, Baker PR, Neoptolemos JP: F273 (Mar.)
 Raimundo AH, Evans DF, Rogers J, Jameson J, Silk DBA: F249 (Mar.)
 Raimundo AH, Jameson JS, Rogers J, Silk DBA: W68 (Sept.)
 Ramage JK, Farrant JM, Iorns R, Williams R: W57 (Mar.)
 Ramkisson YD, Wilding J, del Buono R, Filipe MI, Hall PA: T199 (Sept.)
 Ravelli AM, Ledermann SE, Trompeter RS, Bisset WM, Milla PJ: W70 (Sept.)
 Ravi B, Nuutinen P, Bedwell J, MacRobert AJ, Bown SG: W68 (Mar.)
 Reid K, Khan MI, Read NW, Grundy D: F217 (Sept.)
 Reinbach D, Cruickshank G, McColl KEL: F265 (Mar.)
 Rela M, Heaton N, Mondragon R, Vougas V, O'Grady J, Mieli-Vergani G, Mowat A, Williams R, Tan KC: F216 (Mar.)
 Rhodes M, Armstrong CP, Longstaff A, Cawthorn SJ: W50 (Sept.)
 Rhodes M, Zijlstra FJ, Bradburn DM, Srivastava ED, Russell MAH, Van Blankenstein M, Wilson JHP, Samson HJ, Allen A, Rhodes J: T101 (Mar.)
 Roberts JP, Benson MJ, Deeks JJ, Rogers J, Wingate DL, Williams NS: W24, W72 (Sept.)
 Robinson MHE, Marks CG, Farands PA, Thomas WM, Hardcastle JD: F274 (Mar.)
 Robinson MHE, Thomas WM, Bostock K, Parker M, Hardcastle JD: T206 (Sept.)
 Robinson MHE, Thomas WM, Mangham CM, Hardcastle JD: W4 (Mar.)
 Roncucci L, Pedroni M, Ponz de Leon M: F273 (Sept.)
 Rooney PS, Clarke PA, Armitage NC: F226 (Sept.)
 Rooney PS, Clarke PA, Bush D, Armitage NC: W83 (Sept.)
 Rooney PS, Thomas MW, Hughes O, Robinson MHE, Hardcastle JD: F247 (Mar.)
 Rose SA, Smart CJ, Lancaster F, Trejdosiewicz LK, Howdle PD, Boylston AW: F211 (Sept.)
 Ryder SD, Miller RJ, Ross J, Jacyna MR, Levi AJ: W35 (Mar.)
- Safe A, Corfield A, Warren VB, Mountford RA: W24 (Mar.)
 Sagmanligil V, Levin RJ: F225 (Mar.)
 Santalucia F, Pace F, Petrillo M, Bianchi Porro G: T145 (Mar.)
 Sergeant IR, Thorpe S, Bown SG: F207 (Mar.)
 Sergeant IR, Tobias J, Blackman G, Thorpe S, Bown SG: T202 (Mar.)
 Sassatelli R, Benatti P, Losi L, Roncucci L, Ponz de Leon M: T150 (Mar.)
 Sassatelli R, Benatti P, Roncucci L, Fante R, Ponz de Leon M: W1 (Mar.)
 Saunders BP, Trewby PN: T198 (Mar.)
 Savidge TC, Smith MW, Walker-Smith JA, Philips AD: T150 (Sept.)
 Sawyerr AM, Smith MS, Chitolie A, Wakefield AJ, Pounder RE: T95 (Mar.)
 Sayegh M, Elder JP: F256 (Sept.)
 Sayer JM, Smith JA, Long RG: F235 (Sept.)
 Schonfeld Jv, Muller MK: W89 (Sept.)
 Schonfeld Jv, Runzi M, Muller MK: W71 (Mar.)
 Schonfeld Jv, Zotz R, Brueur N, Goebell H: W55 (Mar.)
 Schuerer-Maly C-C, Maly F-E, Kagnoff MF: W7 (Sept.)
 Selden AC, Ding S, Farnaud S, Hodgson HJF: T145 (Sept.)
 Selden C, Hodgson HJF: T133 (Mar.)
 Sembenini C, Bardelli E, Benini L, Caliari S, Castellani G, Bonfante F, Vantini I: F241 (Mar.)
 Senapati A, Thompson MR: T209 (Sept.)
 Seow-Choen F, Eu KW, Ho YH, Tay SK, Goh HS: T210 (Sept.)
 Seow-Choen F, Goh HS: W26 (Sept.)
 Setti-Carraro P, Kamm MA, Nicholls RJ, McGee S, Bartram CI: F259 (Mar.)
 Shahi CN, Fan XJ, Huang J, Smyth CJ, Chua A, McDevitt J, Weir DG, Keeling PWN, Kelleher D: W10 (Mar.)
 Shepherd NA, Healey CJ, Warren BF, Richman PI, Thomson WHF, Wilkinson SP: T154 (Mar.)
 Sheridan MB, Tweedle DEF, Martin DFV: W81 (Mar.)
 Silcock JG, Willcocks MM, Carter MJ, Codd AA, Record CO: T174 (Mar.)
 Simmonds NJ, Bashir S, Harris G, Lee JWC, Winyard PG, Blake DR, Rampton DS: W2 (Sept.)
 Simmonds NJ, Blake DR, Rampton DS: W26, T94 (Mar.)
 Simpson KJ, Chalmers N, Redhead DN, Finlayson NDC, Bouchier IAD, Hayes PC: W38 (Sept.)
 Singh P, Taylor RJ, Colin-Jones DG: F236, F237 (Mar.)
 Singh S, Poulsom R, Hanby A, Wright NA, Sheppard MC, Langman MJS: T136 (Mar.)
 Singh S, Poulsom R, Sheppard MC, Wright NA, Langman MJS: T123 (Sept.)
 Singh SM, May H, Kennedy HJ, Fellows IW, Ralphs DNL: T110 (Mar.)
 Sirjwardena A, Kellum JM: F223 (Mar.)
 Smith M, Wakefield AJ, Fox JD, Sawyerr AM, Taylor JE, Sweenie CH, Emery VC, Hudson M, Tedder RS, Pounder RE: T138 (Mar.)
 Smith VV, Kamm MA, Nicholls RJ, Lake BD: T113 (Mar.)
 Smithson JE, Jewell DP: W6 (Sept.)
 Sobala GM, Axon ATR, Dixon MF: F283 (Mar.)
 Sobala GM, Schorah CJ, Shires S, Lynch DAF, Gallacher B, Dixon MF, Axon ATR: F237 (Sept.)
 Somasundaram S, Macpherson AJ, Hallyar J, Saratchandra P, Bjarnason I: W18 (Mar.)
 Speakman CTM, Hayle CHV, Henry MM, Kamm MA: F232 (Mar.)
 Squires PE, Rumsey RDE, Read NW: W83 (Mar.)
 Srivastava ED, Zijlstra FJ, Rhodes M, Fogg F, Copeman M, Samson HJ, Russell MAH, van Blankenstein M, Wilson JHP, Allen A, Rhodes J: F262 (Mar.)
 Stainsby KJ, Allan RN, Ibbotson JP: W29 (Mar.)
 Stephenson BM, Leitch RJ, Luck J, Noble BA, Murday VA, Bishop DT, Finan PJ: W3 (Mar.)
 Stephenson BM, Taylor GR, Murday VA, Bishop DT, Finan PJ: F224 (Sept.)
 Stevens TRJ, Harley SL, Blake DR, Rampton DS: F252 (Mar.)
 Stewart RJ, Johnston BT, Boston VE, Dodge J: T149 (Mar.)
 Stubbs AP, Engelmann JL, Walker JIH, Murphy GM, Wilkinson ML: T194 (Sept.)
 Sturgess RP, Left DE, Marsh MN, Crowe PT, Kontakou M, Ciclitira PJ: F213 (Sept.)
 Sue-Ling H, Lansdown MRJ, Martin I, Dixon MF, Axon ATR: W23 (Mar.)
 Suet-Fan Tam F, Hillier K: T119 (Mar.)
 Sultan AH, Kamm MA, Bartram CI, Hudson CN: F260 (Mar.); T114 (Sept.)
 Sultan AH, Kamm MA, Hudson CN, Bartram CI: F261 (Mar.)
 Sultan AH, Kamm MA, Nicholls RJ, Hudson CN, Beynon J, Bartram CI: F258 (Mar.)
 Sumboonnanonda K, Anggiansah A, Wang J, Hale PC, Owen WJ: F243 (Mar.)
 Summerton CB, Britton PD, Lomas DJ, Appleton DS, Seymour CA: W37 (Sept.)
 Summerton CB, Seymour CA: F261 (Sept.)
 Sutton R, Herd J, Youngson J, Ashby D, Williams EMI: T128 (Mar.)
 Swift GL, Davies A, Jenkins HR, Clements D, Rhodes J, Smith PM: T188 (Sept.)
 Taha AS, Dahill S, Nakshabendi I, Morran C, Sturrock RD, Lee FD, Russell RI: T176 (Sept.)
 Taha AS, Sturrock RD, Russell RI: W33 (Mar.)
 Tait IS, Flint N, Evans GS, Campbell FC: W41 (Mar.)
 Talbot IC, Kamm MA, Leaker BR: W32 (Mar.)
 Tate JTT, Chung SCS, Dawson JW, Leong HT, Chan A, Lau WY, Li AKC: W23 (Sept.)
 Tate JTT, Dawson J, Chung SCS, Leong HT, Chan A, Lau WY, Li AKC: F252 (Sept.)
 Tate JTT, Dawson JW, Lau WY, Li AKC: F253 (Sept.)
 Taylor RH, James ALM, Brailsford SC, Bardolph EM, Shahani AK: T171 (Sept.)
 Teahon K, Menzies IS, Bjarnason I: F226 (Mar.)
 Teare JP, Greenfield SM, Punchard NA, Watson D, Thompson RPH: W100 (Sept.)
 Thabrew MI, Gove CD, Hughes RD, Williams R: W104 (Sept.)
 Thomas PR, Bramble MG, Corbett WA, Berridge DC, Idle N, Hungin AS, Cann G: W56 (Sept.)
 Thomas WM, Price MR, Hardcastle JDL: F275 (Mar.)
 Thompson NP, Woolf IL, Mitchell ABS: F240 (Sept.)
 Tighe MR, Hall MA, Lanchbury JS, Ciclitira PJ: T139 (Mar.)
 Till SH, Grundman MJ: T123 (Mar.)
 Toma T, Troncon L, Ahluwalia N, Barlow J, Thompson DG: T118 (Mar.)
 Tomlin J, Joshi A, Read NW: W69 (Sept.)
 Toon S, Khan A, Langley S, Mullins F, Rowland M: W37 (Mar.)
 Travis SPL, Jewell DP: F275 (Sept.)
 Travis SPL, Tysk C, Jarnerot G, Jewell DP: T159 (Sept.)
 Troncon LEA, Bennett RJM, Ahluwalia NK, Thompson DG: W86 (Mar.)
 Troncon LEA, Thompson DG, Ahluwalia NK, Mambora H, Hindle J: W85 (Mar.)
 Troncon LEA, Thompson DG, Ahluwalia NK, Barlow J: W87 (Mar.)
 Troncon LEA, Thompson DG, Ahluwalia NK, Barlow J, Heggie LJ: W88 (Mar.)
 Troncon LEA, Thompson DG, Fairbain I, Ahluwalia NK, Barlow J, Heggie LJ: T117 (Mar.)
 Tsai HH, Dwarakanath D, Milton J, Hart CA, Rhodes JM: T106 (Sept.)

- Tsai HH, Parker N, Smith M, Rhodes JM: W25 (Mar.)
 Tsamis D, Macpherson A, Forgacs I, Hayllar J, Somasundaram S, Sherwood R, Bjarnason I: W34 (Mar.)
 Turnbull GK, Ritvo PG, Woolnough J: F233 (Mar.)
 Turnbull GK, Vallis TM: W13 (Sept.)
 Vaira D, Miglioli M, Mule P, Holton J, Menegatti M, Boschi S, Biasco G, Vergura M, Nannetti A, Barbara L: W62 (Sept.)
 van Someren RNM, Benson MJ, Fawcett H, Powell-Tuck J, Swain CP: W63 (Sept.)
 van Someren RNM, Benson MJ, Jacob-Hood J, Swain CP: T130 (Mar.)
 Varty PP, Linehan IP, Boulos PB: F276 (Mar.)
 Wakefield AJ, Pittilo RM, Sim R, Dhillon AP, Stephenson JR, Sawyerr AM, Rowles RM, Hudson M, Smith MHS, Lewis AAM, Pounder RE: T156 (Sept.)
 Wakefield AJ, Sim R, Cosby L, Dhillon AP, Issertte M, Taylor M, Smith M, Hudson M, Pounder RE: W8 (Sept.)
 Wang Y, Selden AC, Hodgson HJF: F215 (Mar.)
 Wardle TD, Turnberg LA: T100, F222 (Mar.); T127 (Sept.)
 Washington N, Harris M, Mussellwhite A, Greaves JL, Wilson CG, Spiller RC: F277 (Sept.)
 Watson AJM, Askew JN: F262 (Sept.)
 Wegstapel H, Chess-Williams R, Ross B, Stephenson TJ, Majeed AW, Bird NC, Johnson AG: F231 (Sept.)
 Wegstapel H, Chess-Williams R, Stephenson TJ, Majeed AW, Bird NC, Johnson AG: F229 (Sept.)
 Weldon MJ, Grammatopoulos A, Papakonstantinu M, Karoutsos K, Newton C, Maxwell JD: T205 (Sept.)
 Weldon MJ, Grundy A, Saverymuttu SH, Joseph AEA, Maxwell J: T190 (Sept.)
 Weldon MJ, Masoomi AM, Joseph AEA, Maxwell JD: W11 (Sept.)
 Weldon MJ, Poultot T, Maxwell JD: W1 (Sept.)
 Weldon MJ, Saverymuttu SH, Joseph AEA, Maxwell JD: F267 (Sept.)
 Weldon MJ, Singh D, Peireira S, Maxwell JD: T98 (Mar.)
 Whowell SA, Wang Y, Fleming KA, Thompson EM, Thompson JN: F263 (Sept.)
 Whitelaw S, Markie D, Murday V, Northover J, Solomon E: F223 (Sept.)
 Williams AJK, Fraser R, Chorley DP, Dent J: T173 (Mar.)
 Williams AJK, Langman J, Rowland R, Dent J: F245 (Mar.)
 Williams AJK, Scicchitano J, Toouli J: T121 (Sept.)
 Wilson C, Ramsay A, Ahmad H, Imrie CW, Poon FW, Steward IS, Murray WR: W54 (Sept.)
 Wilson MS, Tweedle DEF, Martin DF: T105 (Mar.)
 Wilson RG, Nixon SJ, Macintyre IMC, Saunders JH, Varma JS: T107 (Mar.)
 Wilson RG, Saunders JH, Mcintyre IMC: T108 (Mar.)
 Wilton A, Wright J, Robertson DAF, Davis M: T175 (Sept.)
 Winslett MC, Mohsen Y, Hallissey M, Fielding JW: T184 (Mar.)
 Winslett MC, Mohsen Y, Powell J, Allum WH, Fielding JW: T122 (Mar.)
 Wolphagen F, van Engleshoven I, Burmmer R-J, Zeijen R, Bonnemayers G, Stockbrugger R: F285 (Mar.)
 Woodman AC, Selden AC, Hodgson HJF: F214 (Mar.)
 Wormsley KG, Bardhan KD, Morgan AG, Hislop W, Long R, Hellers G, Ahlberg H, Lindholmer C, Langworthy H, Moules I: T190 (Mar.)
 Wyeth JW, Peters SE, Fisher A, Pomare EW: W78, F280 (Sept.)
 Yakuba A, Taylor TV: F287 (Mar.)
 Yazaki E, Shawdon A, Beasley I, Evans D: T166 (Sept.)
 Yusuf SW, Iftikhar SY, Stanley J, Steele RJC: W22 (Mar.)
 Zoli G, Healy J, Ballinger A, O'Donnell LJD, Clark ML, Farthing MJG: F233 (Sept.)
 Zoli G, Katelaris PH, Garrow JS, Farthing MJG: W46 (Mar.)
 Zurekat N, Bhupalan A, Murray-Lyon IM: W92 (Mar.)

Gut

Journal of the British Society of Gastroenterology

VOLUME 33 · 1992

Editor: R N Allan

Book Review Editor: D L Wingate

Technical Editors: Norma Pearce and Shirley McGealey

Production Editor: Jackie Foulds

EDITORIAL COMMITTEE

A T R Axon	T G Cooke	D Nolan	S J W Evans
D C C Bartolo	M F Dixon	C O'Morain	(Statistical adviser)
M F Bassendine	I T Gilmore	M E Parsons	
R M Batt	C A Hart	P Quirke	Editor
I S Benjamin	C J Hawkey	W D W Rees	<i>British Medical Journal</i>
J Calam	M Lucas	J M Rhodes	
D C A Candy	J Neuberger	I C Talbot	

INTERNATIONAL ADVISORY BOARD

B S Anand (USA)	J Dent (Australia)	J-R Malagelada (Spain)
C Arvanitakis (Greece)	D Y Graham (USA)	R Modigliani (France)
G P van Berge Henegouwen (Netherlands)	J Hansky (Australia)	T Muto (Japan)
G Bianchi-Porro (Italy)	J Heathcote (Canada)	G Paumgartner (Germany)
A L Blum (Switzerland)	R H Hunt (Canada)	E W Pomare (New Zealand)
M van Blankenstein (Netherlands)	J R Jass (New Zealand)	D Rachmilewitz (Israel)
J P Delmont (France)	S J Konturek (Poland)	J Rask-Madsen (Denmark)
	S K Lam (Hong Kong)	E Rene (France)
	M M Levine (USA)	A Torsoli (Italy)

BRITISH MEDICAL ASSOCIATION TAVISTOCK SQUARE LONDON WC1H 9JR

VOLUME 33 · CONTENTS

No 1 JANUARY 1992	Page	Leading article
	1	The molecular revolution – coming your way soon <i>Philip Quirke</i>
	8	Oral submucosal fibrosis – a preventable disease <i>V Jayanthi, C S J Probert, K S Sher, J F Mayberry</i>
	Alimentary tract	
	7	Oesophageal clearance of small amounts of equal or less than one millilitre of acid <i>R Shaker, P J Kahrlas, W J Dodds, W J Hogan</i>
	11	High incidence of oesophageal and gastric cancer in Kashmir in a population with special personal and dietary habits <i>M S Khuroo, S A Zargar, R Mahajan, M A Banday</i>
	16	Intestinal metaplasia and <i>Helicobacter pylori</i> : an endoscopic biopsic study of the gastric antrum <i>M E Craanen, W Dekker, P Blok, J Ferwerda, G N J Tytgat</i>
	21	Role of intracellular Ca^{2+} and the calmodulin messenger system in pepsinogen secretion from isolated rabbit gastric mucosa <i>T Miyamoto, M Itoh, Y Noguchi, K Yokochi</i>
	26	Gastric emptying of liquid in children suffering from acute rotaviral gastroenteritis <i>P K Bardhan, M A Salam, A M Molla</i>
	30	Cysteamine protects gastric epithelial cell monolayers against drug induced damage: evidence for direct cellular protection by sulphhydryl compounds <i>M Romano, M Razandi, A Raza, S Szabo, J Ivey</i>
	39	Production of epithelial cell growth factors by lamina propria mononuclear cells <i>J R Lowes, J D Priddle, D P Jewell</i>
	44	Effect of intrajejunal elemental diet perfusion on jejunal secretion of immunoglobulins, albumin, and hyaluronan in man <i>J F Colombel, J P Vaerman, R Häggren, J P Dehennin, E Wain, R Modigliani, A Cortot</i>
	48	Mr 40 000 human colonic epithelial protein expression in colonic mucosa and presence of circulating anti-Mr 40 000 antibodies in cotton top tamarins with spontaneous colitis <i>K M Das, M Vecchi, L Squillante, A Dasgupta, M Henke, N Clapp</i>
	55	Increased concentrations of interleukin 1 β , interleukin-2, and soluble interleukin-2 receptors in endoscopical mucosal biopsy specimens with active inflammatory bowel disease <i>J Brynskov, N Tvede, C B Andersen, M Vilien</i>
	59	Salicylates used in inflammatory bowel disease and colchicine impair interferon- γ induced HLA-DR expression <i>B Crotty, P Hoang, H R Dalton, D P Jewell</i>
	65	Distribution of collagenous colitis: utility of flexible sigmoidoscopy <i>M Tanaka, G Mazzoleni, R H Riddell</i>
	71	Measurement of in vivo proliferation in human colorectal mucosa using bromodeoxyuridine <i>C S Potten, M Kellett, S A Roberts, D A Rew, G D Wilson</i>
	79	Oesophageal motility, luminal pH, and electrocardiographic-ST segment analysis during spontaneous episodes of angina like chest pain <i>D G Hick, J F B Morrison, J F Casey, W Al-Ashhab, G J Williams, G A Davies</i>
	Liver, biliary, and pancreas	
	87	Disappearance of hepatic parenchymal nerves in human liver cirrhosis <i>J A Lee, Q Ahmed, J E Hines, A D Burt</i>
	92	Estimation of total hepatic blood flow by duplex ultrasound <i>K M Carlisle, M Halliwell, A E Read, P N T Wells</i>
	98	Coagulation factor V and VIII/V ratio as predictors of outcome in paracetamol induced fulminant hepatic failure: relation to other prognostic indicators <i>L M M B Pereira, P G Langley, K M Hayllar, J M Tredger, Roger Williams</i>
	103	Longitudinal study of gall stone prevalence at necropsy <i>T Bates, M Harrison, D Lowe, C Lawson, N Padley</i>
	108	Endoscopic ultrasound for localisation of islet cell tumours <i>J R Glover, P J Sharpen, W R Lees</i>
	New techniques	
	111	Alternative method of positioning the pH probe for oesophageal pH monitoring <i>A Angiansah, N Bright, M McCullagh, K Sunboonmanonda, W J Owen</i>
	115	Comparison of aspiration and scintigraphic techniques for the measurement of gastric emptying rates of liquids in humans <i>E J Beckers, J B Leiper, J Davidon</i>
	Progress reports	
	118	Role of gastric acid suppression in the treatment of gastro-oesophageal reflux disease <i>N J V Bell, R H Hunt</i>
	125	Overview of screening and management of familial adenomatous polyposis <i>M Rhodes, D M Bradburn</i>
	Case reports	
	132	Whipple's disease complicated by a retinal Jarisch-Herxheimer reaction: a case report <i>R J Playford, E Schulenburg, C S Herrington, H J F Hodgson</i>
	135	Intestinal lymphangiectasia associated with angiolymphoid lymph node hyperplasia (Castleman's disease) <i>S F Moss, D M Thomas, C Mulnier, I G McGill, H J F Hodgson</i>
	138	Rectal lymphoma after colectomy for ulcerative colitis <i>J P Teare, S M Greenfield, S Slater</i>
	140	Can Crohn's disease be diagnosed at laparotomy? <i>R J Butterworth, G T Williams, L E Hughes</i>
	143	Referees

No 2 FEBRUARY 1992

	Leading articles
145	Mycobacterial disease of the gut: some impact from molecular biology <i>J D Sanderson, J Hermon-Taylor</i>
148	Rectal and anal endosonography <i>Neil Mortensen</i>
	Alimentary tract
150	Histological studies of Auerbach's plexuses of the oesophagus, stomach, jejunum, and colon in patients with achalasia of the oesophagus: correlation with gastric acid secretion, presence of parietal cells and gastric emptying of solids <i>A Csendes, G Smok, I Braghetta, P Gonzalez, A Henriquez, P Csendes, D Pizurno</i>
155	Achalasia complicated by oesophageal squamous cell carcinoma: a prospective study in 195 patients <i>M A C Meijssen, H W Tilanus, M van Blankenstein, W C J Hop, G L Ong</i>
159	Eicosanoid synthesis in duodenal ulcer disease: decrease in leukotriene C ₄ by colloidal bismuth subcitrate <i>A Ahmed, P R Salmon, C R Cairns, M Hobday, J R S Houlton</i>
164	Mucosal adaptation to indomethacin induced gastric damage in man – studies on morphology, blood flow and prostaglandin E ₂ metabolism <i>C J Shorrock, W D W Rees</i>
170	Taurocholate induced gastric mucosal injuries in experimental portal hypertension <i>W J Angerson, J G Geraghty, D C Carter</i>
175	Changes in nocturnal and peak acid outputs after duodenal ulcer healing with sucralfate or ranitidine <i>A F Kummer, D A Johnston, I N Marks, G O Young, N A Tigler-Wybrandt, S A Bridger</i>
179	Bismuth subsalicylate in the treatment of H ₂ blocker resistant duodenal ulcers: role of <i>Helicobacter pylori</i> <i>S Wagner, M Gebel, K Haruma, W Bär, P Lange, J Freise, U Gladzivka, F W Schmidt</i>
184	Fasting and postprandial gastrointestinal motility in ulcer and non-ulcer dyspepsia <i>V Stanghellini, C Ghidini, M R Maccarini, G F Paparo, R Corinaldesi, L Barbara</i>
191	Ultrastructural binding sites of endomysium antibodies from sera of patients with dermatitis herpetiformis and coeliac disease <i>S Kárpáti, M Meurer, W Stolz, A Bürgin-Wolff, O Braun-Falco, T Krieg</i>

- 194 Do adults with high gliadin antibody concentrations have subclinical gluten intolerance? *J A Arnason, H Gudjónsson, J Freysdóttir, I Jónsdóttir, H Valdimarsson*
- 198 Dietary modulation of gluten sensitivity in a naturally occurring enteropathy of Irish setter dogs *E J Hall, R M Batt*
- 206 Increase of lymphocytes bearing the γ/δ T cell receptor in the jejunum of patients with dermatitis herpetiformis *E Savilahki, T Reunala, M Mäki*
- 212 Localisation of endothelin like immunoreactivity in adult and developing human gut *S Escrig, A E Bishop, H Inagaki, G Moscoso, K Takahashi, I M Varnell, M A Ghatei, S R Bloom, J M Polak*
- 218 Effects of bolus doses of fat on small intestinal structure and on release of gastrin, cholecystokinin, peptide tyrosine-tyrosine, and enteroglucagon *A P Jenkins, M A Ghatei, S R Bloom, R P H Thompson*
- 224 Effect of dietary fat on the distribution of mucosal mass and cell proliferation along the small intestine *A P Jenkins, R P H Thompson*
- 230 Activation of lamina propria T cells induces crypt epithelial proliferation and goblet cell depletion in cultured human fetal colon *C M Evans, A D Phillips, J A Walker-Smith, T T MacDonald*
- 236 Increased in vitro release of soluble interleukin 2 receptor by colonic lamina propria mononuclear cells in inflammatory bowel disease *S Schreiber, A Raedler, A R Conn, J L Rombeau, R P MacDermott*
- 242 Studies of gut mucosal protein synthesis in a non-steroidal anti-inflammatory drug (NSAID) model of inflammatory bowel disease *A K Banerjee, J S Marway, V R Preedy, T J Peters*
- 246 Functional impairment of natural killer cells in active ulcerative colitis: reversion of the defective natural killer activity by interleukin 2 *L Manzano, M Alvarez-Mon, L Abreu, J Antonio Vargas, E de la Morena, F Corugedo, A Durández*
- 252 Prophylactic effects of olsalazine v sulphasalazine during 12 months maintenance treatment of ulcerative colitis *S Kiilerich, K Ladefoged, T Rannem, P J Ranlov and The Danish Olsalazine Study Group*
- 256 Incidence of ulcerative colitis in Cardiff over 20 years: 1968–87 *E D Srivastava, J F Mayberry, T J Morris, P M Smith, G T Williams, G M Roberts, R G Newcombe, J Rhodes*
- 259 Epidemiology, management, and prognosis of malignant large bowel polyps within a defined population *M J Chantreau, J Favre, M C Boutron, F Piard, P Arveux, L Bedenne, P Hillon*
- 264 Effect of hysterectomy on anorectal and urethrovesical physiology *A Prior, K Stanley, A R B Smith, N W Read*
- Liver, biliary, and pancreas**
- 268 Is the intercellular adhesion molecule-1/leukocyte function associated antigen 1 pathway of leukocyte adhesion involved in the tissue damage of alcoholic hepatitis? *P Burra, S G Hubscher, J Shaw, E Elias, D H Adams*
- 272 Pseudosclerosing cholangitis in extrahepatic portal venous obstruction *J B Dilawari, Y K Chawla*
- 277 Aggressive extracorporeal shock wave lithotripsy of gall bladder stones within wider treatment criteria: fragmentation rate and early results *G Meiser, M Heinerman, G Lexer, O Boeckl*
- BSG Survey**
- 282 Open access endoscopy – a nationwide survey of current practice *M G Bramble*
- 286 **Letters to the editor Notes**

No 3 MARCH 1992

- Leading articles**
- 289 *Helicobacter pylori* and peptic ulcers: the present position *S Moss, J Calam*
- 293 Surgery for uncomplicated gastroesophageal reflux *T C B Dehn*
- 295 Diarrhoea and malabsorption in giardiasis: A multifactorial process? *P H Katelaris, M J G Farthing*
- Alimentary tract**
- 298 Cerebral potentials evoked by oesophageal distension in patients with non-cardiac chest pain *A J P M Smout, M S DeVore, C B Dalton, D O Castell*
- 303 Calmodulin content and activity in normal and coeliac duodenum *J Amoah, C Williams, R G Long*
- 307 Activation of the classical complement pathway in spontaneous bacterial peritonitis *G Bird, G Senaldi, M Panos, N Rolando, G Alexander, D Vergani, Roger Williams*
- 312 Perceived discrimination in education and employment by people with Crohn's disease: a case control study of educational achievement and employment *M K Mayberry, C Probert, E Srivastava, J Rhodes, J F Mayberry*
- 315 Characterisation and quantification of mucosal cytokine that induces epithelial histocompatibility locus antigen-DR expression in inflammatory bowel disease *J R Lowes, P Radwan, J D Priddle, D P Jewell*
- 320 Intestinal permeability in patients with Crohn's disease and their first degree relatives *M Teahan, P Smethurst, A J Levi, I S Menzies, I Bjarnason*
- 324 Antigen induced suppression in peripheral blood and lamina propria mononuclear cells in inflammatory bowel disease *H R Dalton, P Hoang, D P Jewell*
- 331 Natural course of Crohn's disease after ileocolic resection: endoscopically visualised ileal ulcers preceding symptoms *G Olaison, K Smedh, R Sjödahl*
- 336 Intestinal smooth muscle dysfunction after intraperitoneal injection of zymosan in the rat: are oxygen radicals involved? *A van der Vliet, K I van der Poel, A Bast*
- 342 Diminished expression of integrin adhesion molecules on human colonic epithelial cells during the benign to malign tumour transformation *A Stallmach, B v Lampe, H Matthes, G Bornhöft, E O Riecken*
- 347 Colonoscopic study of 50 patients with colonic tuberculosis *S Shah, V Thomas, M Mathan, A Chacko, G Chandy, B S Ramakrishna, D D K Rolston*
- 352 Does ispaghula husk stimulate the entire colon in diverticular disease? *H A Thorburn, K B Carter, J A Goldberg, I G Finlay*
- 357 Epidemiology of familial adenomatous polyposis in Finland: impact of family screening on the colorectal cancer rate and survival *H J Järvinen*
- 361 Outpatients with irritable bowel syndrome: a comparison of first time and chronic attenders *E A Guthrie, F H Creed, P J Whorwell, B Tomenson*
- Liver, biliary, and pancreas**
- 364 Postprandial changes in portal haemodynamics in patients with cirrhosis *S O'Brien, M Keegan, S Patcheu, P A McCormick, N Afshar, J E Hegarty*
- 368 Hepatitis associated with amoxycillin-clavulanic acid combination report of 15 cases *D Larrey, T Vial, A Micaleff, G Babany, M Morichau-Beauchant, H Michel, J P Benhamou*
- 372 Computerised system for the continuous measurement of azygos venous blood flow *P C Hayes, D Terrace, I Peaston, I A D Bouchier, D Redhead, H M Brash*
- 375 Combination therapy with oral ursodeoxycholic and chenodeoxycholic acids: pretreatment computed tomography of the gall bladder improves gall stone dissolution efficacy *J R F Walters, K A Hood, D Gleeson, J P M Ellul, A Keightley, G M Murphy, R H Dowling*
- 381 Optimum bile acid treatment for rapid gall stone dissolution *R P Jazrawi, M G Pigozzi, G Galatola, A Lanzini, T C Northfield*
- 387 Biliary complications of cystic fibrosis *S O'Brien, M Keegan, M Casey, G Duffy, D McErlean, M X Fitzgerald, J E Hegarty*

- 392 Measuring total plasma amino acid concentrations as a test of exocrine pancreatic function *A M Allen, P S Oates*
- Review article**
- 397 Erythromycin and the gut *S M Catnach, P D Fairclough*
- Case reports**
- 402 Fatal ascaris pancreatitis: an uncommon problem in the west *G J Maddern, A R Dennison, L H Blumgart*
- 404 Management of massive upper gastrointestinal haemorrhage from multiple sites of peptic ulceration with somatostatin and octreotide – a report of five cases *S A Jenkins, B A Taylor, D M Nott, S Ellenbogen, J Haggie, R Shields*
- 408 Ulcerative colitis developing after amoebic dysentery in a haemophiliac patient with AIDS *I Sturgess, S M Greenfield, J Teare, M J O'Doherty*
- 411 Leiomyosarcoma of the small intestine presenting as fever of unknown origin *P Dendale, G Devizis, A Goossens*
- 414 Liver fibrosis in a patient with familial homozygous hypobetalipoproteinaemia: possible role of vitamin supplementation *J-Y Scoazec, M-E Bouma, J-F Roche, D Blache, N Verthier, G Feldmann, G Gay*
- 418 Simultaneous infection with two types of intestinal microsporidia in a patient with AIDS *C Blanshard, W S Hollister, C S Peacock, D G Tovey, D S Ellis, E U Canning, B G Gazzard*
- 421 Papillary cystic neoplasm of the pancreas: presentation and natural history in two cases *A N Kingsnorth, S W Galloway, H Lewis-Jones, J R G Nash, P A Smith*
- 424 Letters to the editor Book review
- A426 Pancreatic Society of Great Britain and Ireland

No 4 APRIL 1992

- Leading articles**
- 429 *Helicobacter pylori*: the African enigma *C Holcombe*
- 432 The diarrhoea of famine and severe malnutrition – is glucagon the major culprit? *R J Levin*
- Alimentary tract**
- 435 Combined endoscopic laser therapy and brachytherapy for palliation of oesophageal carcinoma: a pilot study *P Renwick, V Whitton, K Moghissi*
- 439 Epidermal growth factor receptors in the oesophagus *J Jankowski, S Murphy, G Coghill, A Grant, K G Wormsley, D S A Sanders, M Kerr, D Hopwood*
- 444 Morphological and functional gastric cytoprotection by prostaglandin in rats receiving absolute ethanol orally *A Robert, F W Leung, P H Guth*
- 452 Influence of age and *Helicobacter pylori* infection on serum pepsinogens in healthy blood transfusion donors *R A Veenendaal, I Biemond, A S Peña, W van Duijn, J Kreuning, C B H W Lamers*
- 456 Endoscopic local injection of ethanolamine oleate and thrombin as an effective treatment for bleeding duodenal ulcer: a controlled trial *M Moretó, M Zaballa, M-J Suárez, S Ibáñez, E Ojembarrena, J-M Castillo*
- 460 Role of duplex Doppler ultrasound in the assessment of patients with postprandial abdominal pain *A F Muller*
- 466 Relation of pyloric motility to pyloric opening and closure in healthy subjects *G Tougas, M Anvari, J Dent, S Somers, D Richards, G W Stevenson*
- 472 Gliadin induced changes in the expression of MHC-class II antigens by human small intestinal epithelium. Organ culture studies with coeliac disease mucosa *S Fais, L Maiuri, F Pallone, M De Vincenzi, G De Ritis, R Troncone, S Auricchio*
- 476 Do IgA antigliadin and IgA antiendomysium antibodies show there is latent coeliac disease in primary IgA nephropathy? *C Sategna-Guidetti, G Ferfoglia, M Bruno, R Pulitano, D Roccatello, A Amore, R Cappa*
- 479 Water and solute absorption from hypotonic glucose-electrolyte solutions in human jejunum *J B Hunt, E J Elliott, P D Fairclough, M L Clark, M J G Farthing*
- 484 Changes in intestinal absorption of nutrients and brush border glycoproteins after total parenteral nutrition in rats *S Miura, S Tanaka, M Yoshioka, H Serizawa, H Tashiro, H Shiozaki, H Imaeda, M Tsuchiya*
- 490 Ileal mucosal absorption of bile acid in man: validation of a miniature flux chamber technique *K B Hosie, R J Davie, B Panagamuwa, S Grobler, M R B Keighley, N J Birch*
- 497 Intestinal phase of superior mesenteric artery blood flow in man *C Sieber, C Beglinger, K Jäger, G A Stalder*
- 502 Circulating von Willebrand factor in inflammatory bowel disease *T R J Stevens, J P James, N J Simmonds, D A McCarthy, I F Laurenson, P J Maddison, D S Rampion*
- 507 Immunoglobulin G (IgG), IgG1, and IgG2 determinations from endoscopic biopsy specimens in control, Crohn's disease, and ulcerative colitis subjects *J Rüthlein, M Ibe, W Burghardt, J Mössner, I O Auer*
- 513 Colorectal leukotriene B₄ synthesis in vitro in inflammatory bowel disease: inhibition by the selective 5-lipoxygenase inhibitor BWA4C *A B Hawthorne, N K Boughton-Smith, B J R Whittle, C J Hawkey*
- 518 Mucin associated Tn and sialosyl-Tn antigen expression in colorectal polyps *S H Itzkowitz, E J Bloom, T-S Lau, Y S Kim*
- 524 Proliferation in human gastrointestinal epithelium using bromodeoxyuridine in vivo: data for different sites, proximity to a tumour, and polyposis coli *C S Potten, M Kellett, D A Rew, S A Roberts*
- 530 Risk estimation in familial adenomatous polyposis using DNA probes linked to the familial adenomatous polyposis gene *D J Koorey, G M McCaughan, R J Trent, N D Gallagher*
- 535 Cirrhosis as an independent risk factor for colonic adenomas *S Naveau, J C Chaput, P Bedossa, T Poynard, C Pauphilet, O Ink, C Houdayer, A Aubert*
- 541 Control of muscle tone in the human colon *C J Steadman, S F Phillips, M Camilleri, N J Talley, A Haddad, R Hanson*
- 547 Diverticulitis of the right colon – experience from Hong Kong *N I Markham, A K C Li*
- Liver, biliary, and pancreas**
- 550 Controlled study of the effect of nicardipine and ceruletid on the sphincter of Oddi *G M Fullarton, S Falconer, A Campbell, W R Murray*
- 554 Evidence of hydrogen ion secretion from the human gall bladder in vitro *J N Plevis, P C Hayes, D J Harrison, I A D Bouchier*
- Clinical trial**
- 560 Effects of food with two oral rehydration therapies: a randomised controlled clinical trial *N H Alam, T Ahmed, M Khatun, A M Molla*
- Case reports**
- 563 Mesalazine associated nephrogenic diabetes insipidus presenting as weight loss *E A Masson, J M Rhodes*
- 565 Angiographic demonstration of intrahepatic termination of left gastric vein: a venous anomaly *Nicola H Strickland, P Dawson*
- 567 Endosonography in diagnosing and staging duodenal villous adenoma *T L Tio, L H Sie, P C M Verbeek, L T Dé Wit, G N J Tytgat*
- 569 BSG – Presidential review of the year's activity 1990–91 *R Shields*
- 572 Letters to the editor

No 5 MAY 1992

- Leading articles**
- 573 Molecular biology and coeliac disease *P D Howdle, G E Blair*
 576 Strategies for hepatitis B immunisation *A P Catterall, M I Murray-Lyon*
- Alimentary tract**
- 580 Site and mechanism of pain perception with oesophageal balloon distension and intravenous edrophonium in patients with oesophageal chest pain *J S de Caestecker, Anne Pryde, R C Heading*
 587 Proliferating cell nuclear antigen in oesophageal diseases; correlation with transforming growth factor alpha expression *J Jankowski, R McMenamin, C Yu, D Hopwood, K G Wormsley*
 592 Effect of *Helicobacter pylori* infection on colloidal bismuth subcitrate concentration in gastric mucus *D J B Muñoz, C Tasman-Jones, J Pybus*
 597 Subtypes of intestinal metaplasia and *Helicobacter pylori* *M E Craanen, P Blok, W Dekker, J Ferwerda, G N J Tytgat*
 601 Suppression of *Helicobacter pylori* reduces gastrin releasing peptide stimulated gastrin release in duodenal ulcer patients *K Beardshall, S Moss, J Gill, S Levi, P Ghosh, R J Playford, J Calam*
 604 Ecology of *Helicobacter pylori* in Peru: infection rates in coastal, high altitude, and jungle communities *The Gastrointestinal Physiology Working Group*
 606 Differences in the mode of the extension of gastric cancer classified by histological type: new histological classification of gastric carcinoma *N Goseki, T Takizawa, M Koike*
 613 Assessment of the percutaneous endoscopic gastrostomy feeding tube as part of an integrated approach to enteral feeding *Claire Wicks, A Gimson, P Vlavianos, M Lombard, M Panos, P Macmathuna, M Tudor, K Andrews, D Westaby*
 617 Effects of omeprazole on neutrophil chemotaxis, super oxide production, degranulation, and translocation of cytochrome b₂₄₅ *J H Wandall*
 622 Modulation of cellular phospholipid fatty acids and leukotriene B₄ synthesis in the human intestinal cell (CaCo-2) *V C Dias, J L Wallace, H G Parsons*
 628 Immunoreactivity of transforming growth factor alpha in the normal adult gastrointestinal tract *D M Thomas, M M Nasim, W J Gullick, M R Alison*
 632 Serum IgG subclass antibodies to a variety of food antigens in patients with coeliac disease *M Hvatum, H Scott, P Brändzaag*
 639 Preponderance of IgM from blood lymphocytes in response to infantile rotavirus gastroenteritis *M Kaila, E Isolauri, E Virtanen, H Arvilommi*
 643 Indomethacin decreases jejunal fluid secretion in addition to luminal release of prostaglandin E₂ in patients with acute cholera *F P L Van Loom, G H Rabbani, K Bhakdi, J Rask-Madsen*
 646 Virulence properties of *Escherichia coli* strains isolated from patients with inflammatory bowel disease *M H Giaffer, C D Holdsworth, B I Duerden*
 651 Increased expression of C-myc proto-oncogene in biopsies of ulcerative colitis and Crohn's colitis *A J S Macpherson, K A Chester, L Robson, I Bjarnason, A D B Malcolm, T J Peters*
 657 Clinical significance of antibodies against neutrophils in patients with inflammatory bowel disease and primary sclerosing cholangitis *F Seibold, P Weber, R Klein, P A Berg, K H Wiedmann*
 663 DNA aneuploidy in Crohn's disease and ulcerative colitis: results of a comparative flow cytometric study *R Porschen, U Robin, A Schumacher, S Schauseil, F Borchard, K J Hengels, G Strohmeyer*
 668 Anti-neutrophil antibodies in inflammatory bowel disease: prevalence and diagnostic role *G Cambridge, D S Rampton, T R J Stevens, D A McCarthy, M Kamn, B Leaker*
 675 Whole body protein turnover in childhood Crohn's disease *A G Thomas, V Miller, F Taylor, P Maycock, C M Scrimgeour, M J Rennie*
 678 Increased pulmonary and intestinal permeability in Crohn's disease *A Adenis, J-F Colombel, P Lecouffe, B Wallaert, B Hecquet, X Marchandise, A Cortot*
 683 Non-steroidal anti-inflammatory drugs as a possible cause of collagenous colitis: a case-control study *R H Riddell, M Tanaka, G Mazzoleni*
 687 Epidemiological study of ulcerative proctocolitis in Indian migrants and the indigenous population of Leicestershire *C S J Probert, V Jayanthi, D Pinder, A C Wicks, J F Mayberry*
- Liver, biliary, and pancreas**
- 694 Tumour necrosis factor α secretion in leprosy endotoxaemia: role of the liver and effects of hepatic ischaemia *I L R Badger, P Townsend, J A C Buckels*
 698 Computed tomography in predicting gall stone solubility: a prospective trial *A Caroli, C Del Favero, F Di Mario, F Spigariol, P Scaloni, T Meggiato, C Zambelli, R Naccarato*
 701 Effective peritoneal therapy of acute pancreatitis in the rat with glutaryl-triamin-ethylamide: a novel inhibitor of pancreatic elastase *P Frič, J Slábý, E Kasafírek, P Kocna, J Marek*
 707 Vitamin A absorption in cystic fibrosis: risk of hypervitaminosis A *D R James, G Owen, I A Campbell, M C Goodchild*
- Clinical trial**
- 711 Oral fluticasone propionate in active distal ulcerative colitis *P Angus, J A Snook, M Reid, D P Jewell*
- Case report**
- 715 Gastric antral vascular ectasia: maintenance treatment with oestrogen-progesterone *S F Moss, P Ghosh, D M Thomas, J E Jackson, J Calam*
- 718 Letters to the editor Book reviews Notes

No 6 JUNE 1992

- Leading article**
- 721 Cigarette smoking and intestinal defences *G F Cope, R V Heatley*
- Alimentary tract**
- 724 Optimal number of biopsy specimens in the diagnosis of carcinoma of the oesophagus *N Lal, D K Bhasin, A K Malik, N M Gupta, K Singh, S K Mehta*
 727 Oesophageal propulsive force and its relation to manometric pressure *C O H Russell, N Bright, G Buttipitiya, L Alexander, C Walton, G Whelan*
 733 Assessment of proliferation of squamous, Barrett's and gastric mucosa in patients with columnar lined Barrett's oesophagus *S Y Iftekhar, R J C Steele, S Watson, P D James, K Dilks, J D Hardcastle*
 738 Chemotactic activity of *Helicobacter pylori* sonicate for human polymorphonuclear leucocytes and monocytes *H Nielsen, L P Andersen*
 743 Chronic upper abdominal pain: site and radiation in various structural and functional disorders and the effect of various foods *J Y Kang, H H Tay, R Guan*
 749 Near infrared reflectance measurement of nitrogen faecal losses *L Benini, S Caliari, F Bonfante, G C Guidi, M T Brentegani, G Castellani, C Sembenini, E Bardelli, J Vantini*
 753 Effects of acetorphan, an enkephalinase inhibitor, on experimental and acute diarrhoea *Ph Baumer, E Danquechin Dorval, J Bertrand, J M Vetel, J C Schwartz, J W Lecomte*
 759 Oral salt supplements to compensate for jejunostomy losses: comparison of sodium chloride capsules, glucose electrolyte solution, and glucose polymer electrolyte solution *J M D Nightingale, J E Lennard-Jones, E R Walker, M J G Farthing*

- 762 Determination of a critical level of tissue oxygenation in acute intestinal ischaemia *W G Sheridan, R H Lowndes, G T Williams, H L Young*
- 767 Occurrence of large granular lymphocytes and natural killer cells in the epithelium of the gut distinguishes two different coeliac diseases *F Hadziselimovic, L R Emmons, Ursula Schaub, E Signer, Annemarie Bürgin-Wolff, R Krstic*
- 773 Peripheral blood monocyte cytokine production and acute phase response in inflammatory bowel disease *M Z Mazlam, H J F Hodgson*
- 779 Smoking in Crohn's disease. Effect on localisation and clinical course *E Lindberg, G Järnerot, B Huitfeldt*
- 783 Evolution of hereditary non-polyposis colorectal cancer *J R Jass, S M Stewart*
- 787 Families at risk of colorectal cancer: who are they? *F Kee, B J Collins*
- 791 Effect of electrohydraulic and extracorporeal shock waves on gastrointestinal cancer cells and their response to cytotoxic agents *A Warlters, D L Morris, A Cameron-Strange, W Lynch*
- 794 Vitamin A deficiency and colonic electrogenic absorption and secretion in the rat *H C Nzeogwu, R J Levin*
- 801 Mucosal immune defence mechanisms in enterocolitis complicating Hirschsprung's disease *A Imamura, P Puri, D S O'Brian, D J Reen*
- 807 Utility of a combined test of anorectal manometry, electromyography and sensation in determining the mechanism of 'idiopathic' faecal incontinence *W M Sun, T C Donnelly, N W Read*
- 814 Relation between hysterectomy and the irritable bowel: a prospective study *A Prior, K M Stanley, A R B Smith, N W Read*
- 818 Defecation frequency and timing, and stool form in the general population. A prospective study *K W Heaton, J Radvan, H Cripps, R A Mountford, F E M Braddon, A O Hughes*
- 825 Effects of stressful life events on bowel symptoms: subjects with irritable bowel syndrome compared with subjects without bowel dysfunction *W E Whitehead, M D Crowell, J C Robinson, B R Heller, M M Schuster*
- Liver, biliary, and pancreas**
- 831 Effect of in vivo administration of an antibody to epidermal growth factor on the rapid increase in DNA synthesis induced by partial hepatectomy in the rat *D A Vesey, A C Selden, A C Woodman, H J F Hodgson*
- 836 Aminopyrine breath test in the prognostic evaluation of patients with cirrhosis *C Merkel, M Bolognesi, S Bellon, S Bianco, B Honisch, H Lampe, P Angelini, A Gatta*
- 843 Pancreatic surgery, not pancreatitis, is the primary cause of diabetes after acute fulminant pancreatitis *J Eriksson, M Doepl, E Widén, L Halme, A Ekstrand, L Groop, K Höckerstedt*
- Clinical trial**
- 848 Glycine nitrogen in total parenteral nutrition: two prospective clinical trials comparing the efficacy of high and low glycine containing amino acid solutions *R G P Rees, J J Payne James, G K Grimble, D Halliday, P G Frost, D B A Silk*
- Case reports**
- 855 Sustained hypothyroidism induced by recombinant α interferon in patients with chronic hepatitis *C P Marcellin, M Pouteau, P Renard, J-M Grynblat, N Colas Linhart, P Bardet, B Bok, J-P Benhamou*
- 857 Thrombotic thrombocytopenic purpura mimicking acute small bowel Crohn's disease *P J Winwood, J P Iredale, P J Williamson, M Lesna, C A Loehry*
- 860 Oesophageal candidiasis after omeprazole therapy *A J Larner, R Lendrum*
- 862 Letters to the editor Book reviews Notes Correction

No 7 JULY 1992

- Leading article**
- 865 Pancreatic sphincterotomy and sphincteroplasty *P Watanapa, R C N Williamson*
- Alimentary tract**
- 868 Role of platelet activating factor on the fibrinolytic activation in the pathogenesis of gastric mucosal damage induced by endothelin-1 *I Kurose, S Miura, D Fukumura, H Tashiro, H Imaeda, H Shiozaki, M Suematsu, H Nagata, E Sekizuka, M Tsuchiya*
- 872 Prevalence of oesophagitis in asthmatics *S J Sontag, T G Schnell, T Q Miller, S Khandelwal, S O'Connell, G Cheifec, H Greenlee, U J Seidel, L Brand*
- 877 Do patients with moderately impaired gastrointestinal function requiring enteral nutrition need a predigested nitrogen source? A prospective crossover controlled clinical trial *R G P Rees, W R Hare, G K Grimble, P G Frost, D B A Silk*
- 882 Immunosenescence and mucosal immunity: significant effects of old age on secretory IgA concentrations and intraepithelial lymphocyte counts *E Arranz, S O'Mahony, J R Barton, A Ferguson*
- 887 Small bowel enteroscopy in undiagnosed gastrointestinal blood loss *A J Morris, L A Wasson, J F MacKenzie*
- 890 *Mycobacterium paratuberculosis* DNA in Crohn's disease tissue *J D Sanderson, M T Moss, M L V Tizard, J Hermon-Taylor*
- 897 Interferon-alpha (IFN- α) production by human intestinal mononuclear cells. Response to virus in control subjects and in Crohn's disease *M R Capobianchi, S Fais, F Mercuri, M Boirivant, F Dianzani, F Pallone*
- 902 Surface epithelium related activation of complement differs in Crohn's disease and ulcerative colitis *T S Halstensen, T E Mollnes, P Garred, O Fausa, P Brandtzæg*
- 909 Antibody (IgG, IgA, and IgM) to baker's yeast (*Saccharomyces cerevisiae*), yeast mannan, gliadin, ovalbumin and betalactoglobulin in monozygotic twins with inflammatory bowel disease *E Lindberg, K-E Magnusson, C Tyk, G Järnerot*
- 914 Raised serum activity of phospholipase A₂ immunochemically related to group II enzyme in inflammatory bowel disease: its correlation with disease activity of Crohn's disease and ulcerative colitis *T Minami, H Tojo, Y Shinomura, S Tarui, M Okamoto*
- 922 Treatment of ulcerative colitis with fish oil supplementation: a prospective 12 month randomised controlled trial *A B Hawthorne, T K Daneshmend, C J Hawkey, A Belluzzi, S J Everitt, G K T Holmes, C Malkinson, M Z Shaheen, J E Willars*
- 929 Effect of aminophenols (5-ASA and 4-ASA) on colonic interleukin-1 generation *D Rachmilewitz, F Karmeli, L W Schwartz, P L Simon*
- 933 Cytokine production in patients with inflammatory bowel disease *M Nakamura, H Saito, J Kasanuki, Y Tamura, S Yoshida*
- 938 Benign and malignant colorectal strictures in ulcerative colitis *V Gumaste, D B Sachar, A J Greenstein*
- 942 HLA class II genes in primary sclerosing cholangitis and chronic inflammatory bowel disease: no HLA-DRw52a association in Swedish patients with sclerosing cholangitis *H Zetterquist, U Broomé, K Einarsson, O Olerup*
- 947 Double blind, controlled trial of 4-aminosalicylic acid and prednisolone enemas in distal ulcerative colitis *L J D'Onnell, A S Arvind, P Hoang, D Cameron, J C Talbot, D P Jewell, J E Lennard-Jones, M J G Farthing*
- 950 An association between hypocholesterolaemia and colorectal carcinoma in an Irish population *J S O'Rourke, A Johnson, P Collins, J Duignan, D Bouchier-Hayes*
- Liver, biliary, and pancreas**
- 954 Galactosamine induced hepatitis induces a reduction in hepatocyte epidermal growth factor receptors *D A Vesey, A C Woodman, H J F Hodgson*

- 959 Role of cholecystokinin in pancreatic adaptation to massive enterectomy *P Watanapa, M Egan, P H Depres, J Calam, C E Sarraf, M R Alison, R C N Williamson*
- 965 Portal hypertension in acute liver failure *M Navasa, J C Garcia-Pagán, J Bosch, J R Riera, R Bañares, A Mas, M Bruguera, J Rodés*
- 969 Extracorporeal lithotripsy of pancreatic stones in patients with chronic pancreatitis and pain: A prospective follow up study *T Sauerbruch, J Holl, M Sackmann, G Paumgartner*
- 973 Does nasal oxygen reduce the cardiorespiratory problems experienced by elderly patients undergoing endoscopic retrograde cholangiopancreatography? *D J Haines, D Bibby, J R B Green*
- 976 Protein synthesis rates in colon and liver: stimulation by gastrointestinal pathologies *S D Heys, K G M Park, M A McNurlan, R A Keenan, J D B Miller, O Eremin, P J Garlick*
- 982 Relation of diagnostic serum amylase levels to aetiology and severity of acute pancreatitis *M Winslet, C Hall, N J M London, J P Neoptolemos*
- Progress report**
- 987 Non-immunological defence mechanisms of the gut *S A Sarker, K Gyr*
- Case reports**
- 994 Gastric polyposis caused by multifocal histiocytosis *X R Wada, S Yagihashi, R Konta, T Ueda, T Izumiya*
- 997 Duodenal perforation in primary systemic amyloidosis *A G Fraser, G I Nicholson*
- 1000 Paraneoplastic chronic intestinal pseudoobstruction as a rare complication of bronchial carcinoid *A Gerl, M Storck, A Schalhorn, J Müller-Höcker, K W Jauch, F W Schildberg, W Wilmanns*
- 1004 Multiple and recurrent inflammatory fibroid polyps in a Devon family ('Devon polyposis syndrome'): an update *R O Allibone, J K Nanson, P P Anthony*
- 1006 Sulphasalazine induced renal failure *A D Dwarakanath, J Michael, R N Allan*
- 1008 **Letter to the editor Notes**

No 8 AUGUST 1992

- Leading article**
- 1009 Bleeding varices in the elderly *David R Triger*
- Papers**
- 1011 Five year prospective study of the incidence, clinical features, and diagnosis of achalasia in Edinburgh *P J Howard, L Maher, A Pryde, E W J Cameron, R C Heading*
- 1016 Three year follow up of patients with gastrooesophageal reflux disease *N E Schindlbeck, A G Klauser, G Berghammer, W Longdong, S A Müller-Lissner*
- 1020 *Helicobacter pylori* secretes a chemotactic factor for monocytes and neutrophils *P M Craig, M C Territo, W E Karnes, J H Walsh*
- 1024 Effect of *Helicobacter pylori* infection on 24 hour intragastric acidity in patients with gastritis and duodenal ulcer *S Wagner, U Gladziwa, K Haruma, M Varrentrapp, M Gebel*
- 1029 *Helicobacter pylori* and gastric cancer: correlation with gastritis, intestinal metaplasia, and tumour histology *A Wee, J Y Kang, M Teh*
- 1033 Oncogenes and onco-suppressor gene in adenocarcinoma of the oesophagus *J Jankowski, G Coghill, D Hopwood, K G Wormsley*
- 1039 Gastric mucosal barrier: barrier to hydrogen ions imparted by gastric surfactant in vitro *B A Hills, C A Kirwood*
- 1042 Correlation between echographic gastric emptying and appetite: influence of psyllium *J F Bergmann, O Chassany, A Petit, R Triki, C Caulin, J M Segrestaa*
- 1044 Duodenal ulcer: a model of impaired mucosal defence *R H K Gompertz, A S Michalowski, W K Man, J Spencer, J H Baron*
- 1050 Intestinal hypersecretion of the refed starved rat: a model for alimentary diarrhoea *A Young, R J Levin*
- 1057 *Cryptosporidium*, chronic diarrhoea and the proximal small intestinal mucosa *A D Phillips, A G Thomas, J A Walker-Smith*
- 1062 Modulation of human upper intestinal nutrient transit by a beta adrenoreceptor mediated pathway *A S McIntyre, D G Thompson, S Day, W R Burnham, E R Walker*
- 1071 Antibodies to *Saccharomyces cerevisiae* in patients with Crohn's disease and their possible pathogenic importance *M H Giaffer, A Clark, C D Holdsworth*
- 1076 Effect of the dietary fibre content of lifelong diet on colonic cellular proliferation in the rat *C A Edwards, R G Wilson, L Hanlon, M A Eastwood*
- 1080 Gastrointestinal symptoms in patients infected with human immunodeficiency virus: relevance of infective agents isolated from gastrointestinal tract *R Ullrich, W Heise, C Bergs, M L'age, E O Riecken, M Zeitz*
- 1085 Epidemiological study of abdominal tuberculosis among Indian migrants and the indigenous population of Leicester, 1972–1989 *C S J Probert, V Jayanthi, A C Wicks, D L Carr-Locke, P Garner, J F Mayberry*
- 1089 Epithelial cells bearing class II molecules stimulate allogeneic human colonic intraepithelial lymphocytes *P Hoang, B Crotty, H R Dalton, D P Jewell*
- 1094 Antiviral effect of prolonged intermittent lymphoblastoid alpha interferon treatment in chronic hepatitis B *H L A Janssen, L Berk, S W Schalm, R A Heijink, G Hess, S Rossal, K-H Meyer zum Buschenfelde, R A F M Chamuleau, P L M Jansen, H W Reesink, B Meyer, C Beglinger, J W den Ouden-Muller, M de Jong, C J J Mulder*
- 1099 Effects of ethanol, acetaldehyde and cholesteryl esters on pancreatic lysosomes *J S Wilson, M V Apté, M C Thomas, P S Haber, R C Pirola*
- 1105 Raised urea clearance in cirrhotic patients with high uric acid clearance is related to low salt excretion *G Decaux, F Prosperi, B Namias, M Schlesser, A Soupart*
- 1109 Mucus glycoprotein biosynthesis in the human gall bladder: inhibition by aspirin *M Rhodes, A Allen, T W J Lennard*
- 1113 Inhibition of human gall bladder mucus synthesis in patients undergoing cholecystectomy *M Rhodes, A Allen, R H Dowling, G Murphy, T W J Lennard*
- 1118 Postoperative bile leakage: endoscopic management *P H P Davids, E A J Rauws, G N J Tytgat, K Huibregts*
- 1123 Development of biliary sludge in patients on intensive care unit: results of a prospective ultrasonographic study *F E Murray, S J Stinchcombe, C J Hawkey*
- 1126 Endotoxaemia and serum tumour necrosis factor as prognostic markers in severe acute pancreatitis *A R Exley, T Leese, M P Holliday, R A Swann, J Cohen*
- 1129 Does the somatostatin analogue octreotide protect against ERCP induced pancreatitis? *K F Binmoeller, A G Harris, R Dumas, C Grimaldi, J P Delmont*
- Progress report**
- 1134 Acid-base transport systems in gastrointestinal epithelia *D Gleeson*
- Case reports**
- 1146 Palliative removal of a giant polypoid 'carcinosarcoma' of the oesophagus by YAG laser photoagulation of the tumour stalk *D Richardson, J I Wyatt, K J A Miloszewski*
- 1149 **Letters to the editor Book reviews Notes**

No 9 SEPTEMBER 1992

- Leading article**
1153 Chemotherapy for gastric cancer *Asha Saini, Jonathan Waxman*
- Papers**
- 1155 Length of Barrett's oesophagus: an important factor in the development of dysplasia and adenocarcinoma *S Y Iftikhar, P D James, R J C Steele, J D Hardcastle, M Atkinson*
- 1159 Comparison of endoscopic injection therapy versus the heater probe in major peptic haemorrhage *C P Choudari, C Rajgopal, K R Palmer*
- 1162 Mucosal peptic activity during *Helicobacter pylori* infection in pediatric patients *J Yahav, G Oderda, A Diver-Haber, N Keller, A Jonas*
- 1166 Use of cimetidine and other peptic ulcer drugs in Denmark 1977–1990 with analysis of the risk of gastric cancer among cimetidine users. *H Møller, A Nissen, J Mosbech*
- 1170 Effect of acute cigarette smoking on gastric secretion *J C Roxburgh, P F Whitfield, M Hobsley*
- 1174 Effect of cholera toxin on the human jejunum *W Petritsch, A J Eherer, U Holzer-Petsche, T Hinterleitner, E Beubler, G J Krejs*
- 1179 Cow's milk provocation induces an immune response to unrelated dietary antigens *H Suomalainen, E Isolauri, M Kaila, E Virtanen, H Arvilommi*
- 1184 Effects of enteropathogenic *Escherichia coli* on microvillar membrane proteins during organ culture of rabbit intestinal mucosa *H Embaye, C A Hart, B Getty, J N Fletcher, J R Saunders, R M Batt*
- 1190 Activated eosinophils in adult coeliac disease: evidence for a local release of major basic protein *J F Colombel, G Torpier, A Janin, O Klein, A Cortot, M Capron*
- 1195 Distribution of somatostatin-immunoreactive nerve fibres in Peyer's patches *E Fehér, M Fodor, G Burnstock*
- 1199 Non-invasive assessment of gastrointestinal motility disorders in diabetic patients with and without cardiovascular signs of autonomic neuropathy *B Werth, B Meyer-Wyss, G A Spinas, J Drewe, C Beglinger*
- 1204 Metronidazole reduces intestinal inflammation and blood loss in non-steroidal anti-inflammatory drug induced enteropathy *I Bjarnason, J Hayllar, P Smethurst, A Price, M J Gumpel*
- 1209 Polymerase chain reaction detection of *Mycobacterium paratuberculosis* and *Mycobacterium avium* subsp *silvaticum* in long term cultures from Crohn's disease and control tissues *M T Moss, J D Sanderson, M L V Tizard, J Hermon-Taylor, F A K El-Zaatari, D C Markesich, D Y Graham*
- 1214 Detection of mRNAs for macrophage products in inflammatory bowel disease by in situ hybridisation *M Cappello, S Keshav, C Prince, D P Jewell, S Gordon*
- 1220 Raised concentrations of platelet activating factor in colonic mucosa of Crohn's disease patients *I Sobhani, S Hochlauf, Y Denizot, C Vissuzaine, Emmanuel Rene, J Benveniste, Miguel M J Lewin, Michel Mignon*
- 1226 Mortality from Crohn's disease in Leicestershire, 1972–1989: an epidemiological community based study *C S J Probert, V Jayanthi, A C B Wicks, J F Mayberry*
- 1229 Comparison of the effects of ispaghula and wheat bran on rat caecal and colonic fermentation *C A Edwards, M A Eastwood*
- 1234 Role of dietary sulphate in the regulation of methanogenesis in the human large intestine *S U Christl, G R Gibson, J H Cummings*
- 1239 Faecal unconjugated bile acids in patients with colorectal cancer or polyps *C H E Imray, S Radley, A Davis, G Barker, C W Hendrickse, I A Donovan, A M Lawson, P R Baker, J P Neoptolemos*
- 1246 Effects of α-glucosidase inhibitors on mouth to caecum transit time in humans *S D Ladas, A Frydas, A Papadopoulos, S A Raptis*
- 1249 Portal and peripheral blood short chain fatty acid concentrations after caecal lactulose instillation at surgery *S G Peters, E W Pomare, C A Fisher*
- 1253 Selection, management, and early outcome of 113 patients with symptomatic gall stones treated by percutaneous cholecystolithotomy *S Cheslyn-Curtis, A R Gillams, R C G Russell, J J Donald, S P Lake, C A Ainley, A R W Hatfield, W R Lees*
- 1260 Serum autoantibodies and the diagnosis of type-1 autoimmune hepatitis in Italy: a reappraisal at the light of hepatitis C virus infection *F Cassani, L Muratori, P Manotti, M Lenzi, M Fusconi, G Ballardini, L Selleri, U Volta, D Zauli, R Miniero, F B Bianchi*
- 1264 Role of interleukin-6 in acute pancreatitis. Comparison with C-reactive protein and phospholipase A₂ *J A Viedma, M Pérez-Mateo, J E Domínguez, F Carballo*
- 1268 Role of platelet activating factor in pathogenesis of acute pancreatitis in rats *J Konturek, A Dembinski, P J Konturek, Z Warzecha, J Jaworek, P Gustaw, R Tomaszewska, J Stachura*
- 1275 Influence of multiple endocrine neoplasia type 1 on gastric endocrine cells in patients with the Zollinger-Ellison syndrome *T Lehy, G Cadot, M Mignon, P Ruszniewski, S Bonfils*
- Clinical trial**
- 1280 Postmarketing surveillance of the safety of cimetidine: 10 year mortality report *D G Colin-Jones, M J S Langman, D H Lawson, R F A Logan, K R Paterson, M P Vessey*
- Case reports**
- 1285 Familial and idiopathic colonic varices: an unusual cause of lower gastrointestinal haemorrhage *J P Iredale, P Ridings, F P McGinn, M J P Arthur*
- 1289 Acute pancreatitis complicating Crohn's disease: mere coincidence or causality? *A Tromm, D Hüppé, G H Micklefield, U Schwegler, B May*
- 1292 **BSG Incoming President's Biography**
- 1293 **Letters to the editor Book reviews Notes**

No 10 OCTOBER 1992

- Leading articles**
- 1297 Growth factors in the gastrointestinal tract *N R Lemoine, H Y Leung, W J Gullick*
- 1301 New forms of treatment for inflammatory bowel disease *Daniel Rachmilewitz*
- Papers**
- 1303 Trophic effect of gastrin on the enterochromaffin like cells of the rat stomach: Establishment of a dose response relationship *E Brenna, H L Waldum*
- 1307 Gastric B-cell mucosa associated lymphoid tissue lymphoma; a clinicopathological study in 56 patients *J M Castrillo, C Montalban, G Obeso, M A Piris, M C Rivas*
- 1312 Changing pattern of gastric cancer in Oxfordshire *E Rios-Castellanos, F Sitas, N A Shepherd, D P Jewell*
- 1318 Early gastric cancer: 46 cases treated in one surgical department *H M Sue-Ling, I Martin, J Griffith, D C Ward, P Quirke, M F Dixon, A T R Axon, M J McMahon, D Johnson*
- 1323 Evidence of clonal variants of *Helicobacter pylori* in three generations of a duodenal ulcer disease family *C U Nwokolo, J Bickley, A R Attard, R J Owen, M Costas, I A Fraser*
- 1328 Eighteen month follow up of *Helicobacter pylori* positive children treated with amoxycillin and tinidazole *G Oderda, D Vaira, C Ainley, J Holton, J Osborn, F Altare, N Ansaldi*

- 1331 Fasting hypochlorhydria with Gram positive gastric flora is highly prevalent in healthy old people *E Husebye, V Skar, T Høverstad, K Melby*
- 1338 Concentrations of 5-ASA and Ac-5-ASA in human ileocolonic biopsy homogenates after oral 5-ASA preparations *M De Vos, H Verdievel, R Schoonjans, M Praet, M Bogaert, F Barbier*
- 1343 Comparison of 5-aminosalicylic acid and N-acetylaminothalic acid uptake by the isolated human colonic epithelial cell *A Ireland, J D Priddle, D P Jewell*
- 1348 Tests of renal function in patients with quiescent colitis: effects of drug treatment *S A Riley, D R Lloyd, V Mani*
- 1353 Inhibition of binding of interferon- γ to its receptor by salicylates used in inflammatory bowel disease *B Crotty, W M C Rosenberg, J K Aronson, D P Jewell*
- 1358 IgG subclass distribution in serum and rectal mucosa of monozygotic twins with or without inflammatory bowel disease *L Helgeland, C Tyk, G Järnerot, K Kett, E Lindberg, D Danielsson, S N Andersen, P Brandtzaeg*
- 1365 Plasma polyunsaturated fatty acid pattern in active inflammatory bowel disease *M Esteve-Comas, M Ramírez, F Fernández-Bañares, A Abad-Lacruz, A Gil, E Cabré, F González-Huix, J Moreno, P Humbert, M Guilera, J Boix, M A Gassull*
- 1370 Prevalence of anti-neutrophil antibody in primary sclerosing cholangitis and ulcerative colitis using an alkaline phosphatase technique *S K Lo, K A Fleming, R W Chapman*
- 1376 Sclerosing cholangitis and biliary tract calculi-primary or secondary? *C S Pokorny, G W McCaughey, N D Gallagher, W S Selby*
- 1381 Factors related to early mortality in cirrhotic patients bleeding from varices and treated by urgent sclerotherapy *O Le Moine, M Alder, N Bourgeois, M Delhaye, J Devière, M Gelin, A Vandermeeren, A Van Gossum, A Vereerstraeten, P Vereerstraeten, M Cremer*
- 1386 Splenic function in alcoholic liver disease *A F Muller, P J Toghill*
- 1390 Recurrence of hepatitis B and delta hepatitis after orthotopic liver transplantation *M R Lucey, D M Graham, P Martin, A Di Bisceglie, S Rosenthal, J G Waggoner, R M Merion, D A Campbell, T T Nostrant, H D Appelman*
- 1397 Liver disease in a district hospital remote from a transplant centre: a study of admissions and deaths *M H Davies, M J S Langman, E Elias, J M Neuberger*
- 1400 Effect of lipid infusion on bile composition and lithogenicity in patients without cholesterol gall stones *M Rubin, Z Halpern, G Charach, A Dvir, E Antebi, T Gilat, D Lichtenberg*
- 1404 Increased activity of ionised calcium in gall bladder bile in gall stone disease *M Rudnicki, T Jorgensen, J Thode*
- 1408 Value of exfoliative cytology for investigating bile duct strictures *B Davidson, N Varsamidakis, J Dooley, A Deery, R Dick, T Kurzawinski, K Hobbs*
- 1412 Management of common bile duct stones with a biliary endoprosthesis. Report on 40 cases *R Peters, P Macmathuna, M Lombard, J Karani, D Westaby*
- 1416 Extracorporeal shock wave lithotripsy of bile duct stones: a single institution experience *E Lindström, K Borch, E P Kullman, H G Tiselius, I Ihse*
- Case reports**
- 1421 Familial coexistence of achalasia and non-achalasic oesophageal dysmotility: evidence for a common pathogenesis *C J O'Brien, H L Smart*
- 1424 Non-steroidal anti-inflammatory drug-induced jejunal and colonic diaphragm disease: a report of two cases *I W Fellows, J M F Clarke, P F Roberts*
- 1427 Ulcerative colitis complicated by Wenckebach atrioventricular block *A Ballinger, M J G Farthing*
- 1430 Sclerosing cholangitis associated with multifocal fibrosis: a case report *R D Laitt, S G Hubscher, J A Buckels, S Darby, E Elias*
- 1433 Different DNA changes in primary and recurrent hepatocellular carcinoma *Shi-Fa Ding, R P Jalleh, C B Wood, L Bowles, J D A Delhanty, J Dooley, N A Habib*
- 1436 Piroxicam induced submassive necrosis of the liver *D Paterson, P Kerlin, N Walker, S Lynch, R Strong*
- 1439 **Letters to the editor Book reviews Note Correction**

No 11 NOVEMBER 1992

- Leading articles**
- 1441 Molecular biology and infections of the gut *N P Mapstone, P Quirke*
- 1444 Genetic predisposition to alcoholic liver disease *C P Day, M F Bassendine*
- Papers**
- 1448 Epidermal growth factor in the oesophagus *J Jankowski, G Coghill, B Tregaskis, D Hopwood, K G Wormsley*
- 1454 Outcome of surgical treatment of adenocarcinoma in Barrett's oesophagus *M B E Menke-Pluymers, N W Schouten, A H Mulder, W C J Hop, M van Blankenstein, H W Tilanus*
- 1459 Endosonography can detect residual tumour infiltration after medical treatment of oesophageal cancer in the absence of endoscopic lesions *J B Neusbaum, M Robaszkiewicz, J M Cawin, G Calament, H Gouerou*
- 1462 Dyspepsia, *Helicobacter pylori*, and peptic ulcer in a randomly selected population in India *P H Katelaris, G H K Tippett, P Norbu, D G Lowe, R Brennan, M J G Farthing*
- 1467 Mucosal reactive oxygen metabolite production in duodenal ulcer disease *G R Davies, N J Simmonds, T R J Stevens, A Grandison, D R Blake, D S Rampion*
- 1473 Effect of immunisation against vasoactive intestinal polypeptide on gastric corpus tone and motility in the ferret *D Grundy, M K Gharib-Naseri, D Hutson*
- 1477 Gastric antral dysrhythmias in children with chronic idiopathic intestinal pseudoobstruction *S P Devane, A M Ravelli, W M Bisset, V V Smith, B D Lake, P J Milla*
- 1482 Immunohistochemical analysis of mucosal gamma-interferon production in coeliac disease *A Al-Dawoud, I Nakshabandi, A Fouli, A M J Morwati*
- 1487 Gliadin uptake in human enterocytes. Differences between coeliac patients in remission and control individuals *S Friis, E Dabelsteen, H Sjöström, O Norén, S Järnmark*
- 1493 Colonic preservation reduces need for parenteral therapy, increases incidence of renal stones, but does not change high prevalence of gall stones in patients with a short bowel *J M D Nightingale, J E Lennard-Jones, D J Gertner, S R Wood, C I Bartram*
- 1498 Ketotifen effectively prevents mucosal damage in experimental colitis *R Eliakim, F Karmeli, E Okon, D Rachmilewitz*
- 1504 Coeliac disease: characterisation of monoclonal antibodies raised against a synthetic peptide corresponding to amino acid residues 206–217 of A-gliadin *H J Ellis, A P Doyle, R P Sturgess, P J Ciclitira*
- 1508 Predictors of presence, multiplicity, size and dysplasia of colorectal adenomas. A necropsy study in New Zealand *J R Jass, P J Young, E M Robinson*
- 1515 Dietary calcium does not reduce experimental colorectal carcinogenesis after small bowel resection despite reducing cellular proliferation *G H Barsoum, H Thompson, J P Neoptolemos, M R B Keighley*
- 1521 Occurrence of dysplasia and adenocarcinoma after experimental chronic ulcerative colitis in hamsters induced by dextran sulphate sodium *M Yamada, T Ohkusa, I Okayasu*
- 1528 Crypt cell production rates at various sites around the colon in Wistar rats and humans *C Hall, D Youngs, M R B Keighley*
- 1532 Anorectal function in patients with complete supraanal spinal cord lesions *R MacDonagh, W M Sun, D G Thomas, R Smallwood, N W Read*

- 1539 Detection of subclinical autonomic neuropathy in constipated patients using a sweat test *D Altomare, M-A Pilot, M Scott, N Williams, M Rubino, L Ilincic, D Waldron*
- 1544 Intrahepatic expression of pre-S1 and pre-S2 antigens in chronic hepatitis B virus infection in relation to hepatitis B virus replication and hepatitis delta virus superinfection *C M Chu, Y F Liaw*
- 1549 Plasma concentrations of endogenous heparinoids in portal hypertension *R F McKee, S Hodson, J Dawes, O J Garden, D C Carter*
- 1553 A prospective trial of endoscopic sclerotherapy v oesophageal transection and gastric devascularisation in the long term management of bleeding oesophageal varices *D R Triger, A G Johnson, J E Brazier, G W Johnston, E F A Spencer, R McKee, J R Anderson, D C Carter*
- 1559 Value of ultrasound and liver function tests in determining the need for endoscopic retrograde cholangiopancreatography in unexplained abdominal pain *J R Thornton, A J Lobo, D J Lintott, A T R Axon*
- 1562 Intracerebroventricular neuropeptide Y stimulates bile secretion via a vagal mechanism *M Farouk, J G Geoghegan, R S Pruthi, H J Thomson, T N Pappas, W C Meyers*
- 1566 Minimal change chronic pancreatitis *T N Walsh, J Rode, B A Theis, R C G Russell*
- 1572 Importance of endogenous prostaglandins for the toxicity of cyclosporin A to rat endocrine and exocrine pancreas? *M Rünzi, B M Peskar, J v Schönenfeld, M K Müller*
- Case report**
- 1578 Effective treatment of diabetic diarrhoea with somatostatin analogue, octreotide *F H Mourad, D Gorard, A V Thillainayagam, D Colin-Jones, M J G Farthing*
- 1581 **Letters to the editor Book reviews Notes**

No 12 DECEMBER 1992

- Leading articles**
- 1585 Gene therapy *Bob Williamson*
- 1587 Magnetic resonance imaging in oncology *Janet E Husband, Rosie Guy*
- Papers**
- 1590 Oesophageal motor function before and after healing of oesophagitis *P Singh, A Adamopoulos, R H Taylor, D G Colin-Jones*
- 1597 Radiation enhancement of laser palliation for malignant dysphagia: a pilot study *I R Sargeant, L A Loizou, J S Tobias, G Blackman, S Thorpe, S G Brown*
- 1602 Endoscopic palliation for inoperable malignant dysphagia: long term follow up *V Maounoury, J M Brunetaud, D Cochelard, B Boniface, A Cortot, J C Paris*
- 1608 *Helicobacter pylori*: a risk and severity factor of non-steroidal anti-inflammatory drug induced gastropathy *D Heresbach, J L Raoul, J F Bretagne, J Minet, P Y Donnio, M P Ramée, L Siproudhis, M Gosselin*
- 1612 Role of ammonia in the pathogenesis of the gastritis, hypergastrinaemia, and hyperpepsinogenaeia I caused by *Helicobacter pylori* infection *A M El Nujumi, P A Rowe, S Dahill, C A Dorrian, W D Neithercut, K E L McColl*
- 1617 Concentrations of metals in gastric juice in health and peptic ulcer disease *J J Powell, S M Greenfield, R P H Thompson*
- 1621 Low grade B cell mucosa associated lymphoid tissue lymphoma of the stomach: clinical and endoscopic features, treatment, and outcome *M Blazquez, C Haioun, M-T Chaumette, P Gaulard, F Reyes, J-C Soulé, J-C Delchier*
- 1626 Anti-CD2 and anti-CD3 induced T cell cytotoxicity of human intraepithelial and lamina propria lymphocytes *J Rüthlein, G Heinze, I O Auer*
- 1633 Endomysial antibody: is it the best screening test for coeliac disease? *M Ferreira, S Lloyd Davies, M Butler, D Scott, M Clark, P Kumar*
- 1638 Differentiation status of rat enterocytes after intestinal adaptation to jejunileal bypass *V Albert, G P Young*
- 1644 Use of coculture of colonic mucosal biopsies to investigate the release of eicosanoids by inflamed and uninflamed mucosa from patients with inflammatory bowel disease *T D Wardle, L Hall, L A Turnberg*
- 1652 Water and solute absorption from a new hypotonic oral rehydration solution: Evaluation in human and animal perfusion models *J B Hunt, A V Thillainayagam, A F M Salim, S Carnaby, E J Elliott, M J G Farthing*
- 1660 Vitamin D and its metabolites inhibit cell proliferation in human rectal mucosa and a colon cancer cell line *M G Thomas, S Tebbutt, R C N Williamson*
- 1664 Collagen synthesis in fibroblasts from human colon: regulatory aspects and differences with skin fibroblasts *M F W C Martens, C M L C Huyben, Th Hendriks*
- 1671 Non-invasive diagnosis of portal vein occlusion by radionuclide angiography *P MacMathuna, M K O'Connor, D G Weir, P W N Keeling*
- 1675 A prospective controlled study comparing brush and bile exfoliative cytology for diagnosing bile duct strictures *T Kurzawinski, A Deery, J Dooley, R Dick, K Hobbs, B Davidson*
- 1678 **BSG President's report**
- 1680 **Letters to the editor**
- 1682 **Subject index – Main headings, 1992**
- 1691 **Author index – Main headings, 1992**
- 1707 **Subject index – Supplements March and September, 1992**
- 1714 **Author index – Supplements March and September, 1992**