Journal of the British Society of Gastroenterology

Contents Vol 28, No 2, February 1987

Leading article

Immunotherapy for cancer: the use of lymphokine activated killer (LAK) cells elizabeth a fagan and adrian L w F eddleston page 113

Liver and biliary

Lysis of primary hepatic tumours by lymphokine activated killer cells kue h hsieh, suyu shu, chue s lee, chien t chu, czau s yang, and king j chang page 117

Porphyrin metabolism and haem biosynthesis in Gilbert's syndrome K E L MCCOLL, G G THOMPSON, E EL OMAR, M R MOORE, AND A GOLDBERG page 125

Intragastric bile acid concentrations are unrelated to symptoms of flatulent dyspepsia in patients with and without gall bladder disease and postcholecystectomy R G P WATSON AND A H G LOVE page 131

Gall bladder emptying in normal subjects – a data base for clinical cholescintigraphy C R MACKIE, J N BAXTER, J S GRIME, G HULKS, AND A CUSCHIERI page 137

Endoscopic sphincterotomy and surgical approaches in the treatment of the 'sump syndrome' U A MARBET, G A STALDER, H FAUST, F HARDER, AND K GYR page 142

Alimentary tract and pancreas

Is there a relationship between symptoms of the irritable bowel syndrome and objective measurements of large bowel function? A longitudinal study G J OETTLÉ AND K W HEATON page 146

Optimum dosage of ispaghula husk in patients with irritable bowel syndrome: correlation of symptom relief with whole gut transit time and stool weight ASHWINI KUMAR, NIRMAL KUMAR, J C VIJ, S K SARIN, AND B S ANAND page 150

Irritable bowel type symptoms in spontaneous and induced constipation S N MARCUS AND K W HEATON page 156 Life events, psychiatric illness and the irritable bowel syndrome M J FORD, P MCC MILLER, JENNY EASTWOOD, AND M A EASTWOOD page 160

Effects of peptide YY (PYY) on mouth to caecum intestinal transit time and on the rate of gastric emptying in healthy volunteers A P SAVAGE, T E ADRIAN, G CAROLAN, V K CHATTERJEE, AND S R BLOOM page 166

Effects of an elemental diet, inert bulk and different types of dietary fibre on the response of the intestinal epithelium to refeeding in the rat and relationship to plasma gastrin, enteroglucagon, and PYY concentrations R A GOODLAD, W LENTON, M A GHATEI, T E ADRIAN, S R BLOOM, AND N A WRIGHT page 171

Abnot mal metabolism of arachidonic acid in chronic inflammatory bowel disease: enhanced release of leucotriene B₄ from activated neutrophils O H NIELSEN, I AHNFELT-RØNNE, AND J ELMGREEN page 181

Colonic bacterial proteases to IgA₁ and sIgA in patients with ulcerative colitis G D BARR, M J HUDSON, J D PRIDDLE, AND D P JEWILL page 186

Effect of sulphasalazine and its metabolites on the generation of reactive oxygen species Y MIYACHI, A YOSHIOKA, S IMAMURA, AND Y WA page 190

Metabolism and urinary excretion of 5-amino salicylic acid in healthy volunteers when given intravenously or released for absorption at different sites in the gastrointestinal tract B MYERS, D N W EVANS, J RHODES, B K EVANS, B R HUGHES, M G LEE, A RICHENS, AND D RICHARDS page 196

Gastrocytoprotection by colloidal bismuth subcitrate (De-Nol) and sucralfate. Role of endogenous prostaglandins SJ KONTUREK, T RADECKI, IRENEUSZ PLASTUCKI, TOMASZ BRZOZOWSKI, AND DANUTA DROZDOWICZ page 201

Effect of intragastric pH on antral gastrin and somatostatin release in anaesthetised, atropinised duodenal ulcer patients and controls s L JENSEN, J J HOLST, L A CHRISTIANSEN, M H SHOKOUH-AMIRI, M LORENTSEN, H BECK, AND H-E JENSEN page 206 Clinical markers of slow healing and relapsing gastric ulcer G BATTAGLIA, F DI MARIO, A PICCOLI, F VIANELLO, F FARINATI, AND R NACCARATO page 210

Urinary N-nitrosoproline excretion: a further evaluation of the nitrosamine hypothesis of gastric carcinogenesis in precancerous conditions C N HALL, J S KIRKHAM, AND T C NORTHFIELD page 216

Clinical trials

Is bran efficacious in irritable bowel syndrome? A double blind placebo controlled crossover study M R LUCEY, M L CLARK, JO LOWNDES, AND A M DAWSON page 221

Randomised study of the influence of non-steroidal anti-inflammatory drugs on the treatment of peptic ulcer in patients with rheumatic disease c manniche, a malchow-møller, j r andersen, c pedersen, t m hansen, p jess, l helleberg, s n rasmussen, u tage-jensen, and s e nielsen page 226

Correspondence. Books. News. page 230

ASTM CODEN: GUTTHAK 28 (2) 113-232

ISSN 0017-5749

Published by British Medical Association Tavistock Square London WC1H9JR Typesetting by Bedford Typesetters Ltd., Bedford, England Printed by Paramount Printing Co. Ltd, Hong Kong