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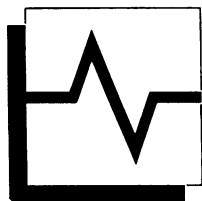


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- WINSLET M, HOSIE K, BARSOUM G, *et al*: Cellular morphometry, proliferation, mucosal blood flow, and ileo-anal pouch function, **A1171**
- WINSLET M, POXON V, BARSOUM G, *et al*: Occult ileal dysfunction in patients with Crohn's colitis, **A594**
- WONG K, BEARDSHALL K, CALAM J, *et al*: Postprandial hypergastrinaemia in patients with colorectal cancer, **A1166**
- WOODMAN AC, COLLARD J, SELDEN AC: Kinetics of 'hepatotropin' induced DNA synthesis in hepatocytes, **A620**
- WOODMAN AC, HODGSON HJF: Regenerating non-parenchymal cells inhibit hepatocyte proliferation in vitro, **A1213**
- WRIGHT NA, STAMP G, POULSON R, *et al*: pS2 and hSP (spasmolytic polypeptide) are coproduced in abundance in ulcerative gastrointestinal disease and associated exclusively with epidermal growth factor secreting cell lineages, **A1182**
- ZANINOTTO G, COSTANTINI M, DIMARIO F, *et al*: Oesophagitis and pH of the refluxate: experimental and clinical study, **A602**
- ZHANG L, HUGHES RD, WILLIAMS R: Determination of plasma biliprotein levels in patients with fulminant hepatic failure, **A1210**