

BASL

•BRITISH ASSOCIATION FOR STUDY OF THE LIVER•

Oral papers Thursday September 7th 2006 2-4.00pm

- 2:00-2:10 An explanation for the apparent cell-selectivity of sulfasalazine as a inducer of hepatic myfibroblast apoptosis
F Oakley, V Teoh, DA Mann
- 2:10-2:20 Bedside diagnosis of spontaneous bacterial peritonitis using urine dipstick
KA Rye, JG Freeman, AS Austin
- 2:20-2:30 CD4+/CD25+ T cells suppress autologus CD4+/CD25- lymphocytes and secrete granzyme B during chronic Hepatitis C
A Perrella, AD'Antonio, C Sbreglia, S Grattacaso, L Atripaldi, O Perrella
- 2:30-2:40 A link between complement, the innate immune system and epithelial cell survival in the human liver - C4b-binding protein binds to soluble CD 154 and forms macromolecular complexes which promote CD40 mediated cholangiocyte survival rather than apoptosis
KT Williams, SP Young, AM Blom, DH Adams SC Afford
- 2:40-2:50 Albumin infusion for severe hyponatremia in patients with refractory ascites : a randomised clinical trial
N Davies, R Mookerjee, L Cheshire, R Williams, R Jalan
- 2:50-3:00 An Assessment of the prevalence of coronary artery disease in patients undergoing orthotopic liver transplant assessment using coronary artery calcification scores and correlation with Framingham score
NC McAvoy, Graham McKillop, Peter C Hayes
- 3:00-3:10 The regulation of matrix metalloproteinase 13 in liver fibrosis
AM Elsharkawy, J Mann, G Packham, DA Mann
- 3:10-3:20 HLA-A2 restricted CD8 T-CELL immune response to CYP2D6 correlates with disease severity in autoimmune hepatitis Type II
MS Longhi, Y Ma, G Mieli-Vergani, D Vergani
- 3:20-3:30 Imbalance of innate and adaptive immune response during acute Hepatitis C: a possible mechanism for chronic viral persistence
S Chokshi, A Guobuzaitis, L Balciuniene, A Ambrozaitis, NV Naoumov
- 3:30-3:40 Chemokine dependant recruitment of dendritic cell precursors across human liver sinusoidal endothelium
AI Aspinall, SM Curbishley PF Lalor, WK Lai, B Eksteen, DH Adams
- 3:40-3:50 The JAK2 V617f tyrosine kinase mutation identifies patients with clinically latent myeloproliferative disorders presenting with hepatic or portal vein thrombosis
C Goulding, B Uttenthal, L, Foroni, V Duke, AV Hoffbrand, D Patch
- 3:50-4:00 Alcohol consumption post liver transplantation - Must try harder?
V Shusang, L Shephard, L Marelli, P Manousou, D Patch, AK Burroughs

**Oral papers Friday September 8th 2006
2-4.30pm**

- 2:00-2:10 mTOR mediates the hepatic mitogenic T3 response
A Bungay, C Selden, H Hodgson
- 2:10-2:20 Diffusion tensor and magnetisation transfer MR imaging to determine the cerebral changes in cirrhosis and encephalopathy
VPB Grove, S Counsell, N Patel, EJ Bradford, BK Saxby, HC Thomas, JV Hajnal, SD Taylor-Robinson
- 2:20-2:30 Development of a purification procedure for native Hepatitis C virus from human liver
SU Nielsen, MF Bassendine, C Martin, S Ibrahim, GL Toms
- 2:30-2:40 Hereditary haemochromatosis should be considered as a conformational disorder
MW Lawless, S Norris
- 2:40-2:50 Decreased systemic arginine/ADMA ratio in porcine model of acute liver failure: implications for NO production and regional vascular control
NA Davies, RP Mookerjee, Z Zou, S Sen, LM Ytrebo, A Revhaug, R Williams, RN Dalton, C Turner, R Jalan
- 2:50-3:00 Early Impact of a New Liver Allocation System based on MELD Score at Birmingham Liver Unit
HV Reynolds, HM Smithers, MJ, Weighthill, VV Wilmot, B Gunson, M Perrin, D Mirza, D Thornburn
- 3:00-3:10 Activated human hepatic stellate cells (AHSC) promote lymphocyte adhesion to sinusoidal endothelium under flow, and accelerate lymphocyte chemotaxis in an IFN γ dependent manner
AP Holt, PF Lalor, CD Buckley DH, Adams
- 3:10-3:20 Variceal band ligation versus beta blockers for primary prevention of variceal bleeding : an updated meta-analysis
D Tripathi, C Graham, PC Hayes
- 3:20-3:30 Hepatitis E in SouthWest England
HR, Dalton, W Stableforth, P Thurairajah, HJ Fellows, SH Hussaini, J Mitchell, R Bendall, M Banks, S Ijaz, C-G Teo, DF Levine
- 3:30-3:40 Mapping the p50-HDAC1 Interaction - towards regulating the inflammatory response to injury
AM Elsharkawy, Jelena Mann, DA Mann
- 3:40-3:50 Impact of nucleoside treatment on antiviral T-cell reactivity in chronic Hepatitis B: major differences depending on early viral suppression, HBeAg status and HBV genotype
H Cooksley, J Hou, L Vitek, P Urbanek, W Abbott, E Gane, P Hofmann, S Zeuzaem, H Wedemeyer, M Buti, D Standing, G Chao, N Brown, N Naoumov

3:50-4:00 CD4+CD25+ Regulatory T-Cells (T-Regs) can be expanded in Vitro and their function enhance from the existing T-regs Pool in patients with autoimmune hepatitis
MS Longhi, F Meda, S Bansal, G Mieli-Vergani, D Vergani, Y Ma

4:00-4:10 Genetic susceptibility to diclofenic-induced hepatotoxicity : Contribution of UGT2B7, CYP2C8 and ABCC2 genotypes
AK Daly, PA Guruprasad, JBS Leathart, CP Day

Poster Presentations
Thursday September 7th & Friday September 8th 2006

- 1** Kruppel factor mediation of the hepatic mitogenic response to Tri-iodothyronine
A Bungay, C Selden, H Hodgson
- 2** Hepatitis C virus is present in CD4+ T cells of chronically infected patients impairing their IFN- γ production
A Perrella, AD'Antonio, C Esposito, D Vergani, S Grattacaso,, C Sbreglia, A DiSpirito, Latripaldi, D Guarnaccia, O Perella
- 3** Adenovirus-Mediated Delivery of HBV DNA in Dendritic Cells: A Potent Approach to Overcome Impaired T-cell Reactivity in Chronic Hepatitis B
A Riva, E Paulon, A Nathwani, J Taylor NV Naoumov
- 4** Steatosis in HIV and Hepatitis C Virus Co-infected patients
AH Mohsen, B Portman, O Barry, C Donnelly, C Bergin, S Norris
- 5** A preliminary evaluation of a novel biomarker of renal function, Neutrophil Gelatinase-Associated lipcalin (NGAL) in patients with liver disease
AJ Portal, M Austin, MJ Bruce, JA Wendon, MA Heneghan
- 6** Three year experience of activated protein C use in patients admitted to a liver intensive care : safety and outcome
AJ Portal, PA Berry, M Austin, G Auzinger, ES Sizer, JA Wendon, W Bernal
- 7** Reversion inducing Cysteine rich protein with Kazal motifs (RECK) inhibits matrix metalloproteinase-2 activity : implications for proliferation of activated hepatic stellate cells
AM Jamil, JP Iredale, RC Benyon
- 8** Deficiency of matrix metalloproteinase 2 has no effect on recovery from experimental liver fibrosis : evidence for compensatory activity of other candidate MMPs
AM Jamil, TJ Kendall, S Itohara, JP Iredale, RC Benyon
- 9** Endoscopic balloon dilatation and stenting is a safe and effective treatment for biliary anastomotic strictures complicating orthotopic liver transplantation
AP Holt, M Silva, D Mirza, D Thorburn, G Haydon
- 10** The role of bacteria in disease initiation and progression in non-alcoholic steatohepatitis
AR Smith, JCM Paterson, JF Dillon
- 11** A proteomic analysis of intrahepatic cholangiocarcinoma
AW Sharif, A Al-Gazzr, Y Wang, B Griffiths, IJ Cox, SD Taylor-Robinson
- 12** The knockout of the p53 tumour suppressor protein does not affect the innate immunity recognition of dsRNA in mouse primary hepatocytes
C Filippi, L Hayward, J Plevris, D Melton, K Ball, D Harrison
- 13** Should a pathologist ever report 'End Stage' alcohol related cirrhosis
C Verrill, H Markham, A Muddu, N Carr, N Sheron

- 14** IL-10 producing monocytes are increased in acute liver failure and correlate with the systemic inflammatory response
CG Antoniadou, PA Berry, MS Longhi, TJS Cross, M Hussain, J Wendon, D Vergani
- 15** The effect of PXR activators on human peripheral blood monocyte and macrophage cytokine secretion
CJ Marek, GL Hold, EM El-Omar, MC Wright
- 16** PEG-Interferon Therapy in HCV - infected Haemophiliacs: HIV does not impact negatively on Virologic outcomes
D Kevans, G Farrell, M Hannon, N Mahmud, B White, C Bergin, S Norris
- 17** Increased arginase II expression in human hepatoma cell lines provides an alternative source of urea through a urea cycle-independent mechanism
D Mavri-Damelin, LH Damelin, S Eaton, M Rees, C Selden, HJF Hodgson
- 18** Hypothermia abolishes ammonia-induced neutrophil spontaneous oxidative burst
DL Shawcross, NA Davies, SJ Hodges, G Wright, R Jalan
- 19** Hyperammonemia impairs neutrophil function by a p38-MAP-KINASE dependent mechanism
DL Shawcross, SJ Hodges, G Wright, C Wheeler-Jones, A Pitsillides, R Jalan
- 20** Hyponatremia exacerbates ammonia - induced impairment of neutrophil function
DL Shawcross, SJ Hodges, G Wright, C Wheeler-Jones, A Pitsillides, R Jalan
- 21** Hepatocyte expression of Hepatitis C virus (HCV) receptors in patients with and without HCV infection
DM Hegazy, P Edwards, A Demaine, E Kaminski, B Portmann, ME Cramp
- 22** Human liver derived macrophages induce CD40 dependent cholangiocyte apoptosis and promote proinflammatory cytokine release in a primary cell co-culture model
E Alabraba, V Lai, L Boon, S Wigmore, DH Adams, SC Afford
- 23** Phosphorylation of recombinant human low affinity glucocorticoid binding site recombinant protein in vitro reconstitutes its progesterone binding function
E Durward, V Leel, D Haefner, MC Wright
- 24** Contrasting functional profiles of HBV-specific T-cells associated with Success or Failure to Control HBV Replication in Chronic Hepatitis B
E Paulon, A Riva, H Cooksley, D Morrison, N Tatman, J Chen, NV Naoumov
- 25** Feasibility and initial experience of nurse-led percutaneous liver biopsy (PLB)
EA Cole, SH Hussaini, GF Maskell
- 26** Fas-insensitive cholangiocarcinoma cell lines are resistant to Fas-mediated killing but undergo apoptosis in response to CD40 activation : a potential therapeutic strategy in cholangiocarcinoma
EH Humphreys, KT Williams, M Lie-A Ling, P Bosma, DH Adams, SC Afford

- 27** Definitive evidence that the ratio of I κ B to NF- κ B regulates survival of rodent and human hepatic stellate cells
F Oakley, RT Hay, DA Mann
- 28** Identification of a novel functional domain in the p65 subunit of NF- κ B
F Oakley, V Teoh, DA Mann
- 29** The effect of Oral Methylene Blue on Viral Load in Chronic Hepatitis C Infection: An open-label Pilot Study
G Mehta, J Mawdsley, A Thillainayagam, S Helmy, H Salama, A Helmy, C Wood, N Habib
- 30** A protective role for Jun N-terminal kinase 2 in liver fibrosis
G Shah, K Green, N Henderson, K Simpson, DA Mann
- 31** Critical parameters for hydrodynamic gene delivery to the liver in a rat model
GJ Sawyer, X Dong, A Greham, M Whitehorne JW Fabre
- 32** Static adhesion of CD34-selected progenitor cells to human liver is modulated by VCaM-1 and ICAM-1
HA Crosby, PF Lalor, DH Adams
- 33** Presence of HBV in peripheral blood mononuclear cells does not affect their function
I Carey, A Giannattasio, S Bansal, JA Byrne, P Cheesman, Y Ma, MS Longhi, F Meda, G Mieli-Vergani, D Vergani
- 34** Clearance of HBeAg is linked with emergence of mutations within pre-core and core regions of hepatitis B virus in paediatric patients
I Carey, A Giannattasio, S Bansal, JA Byrne, P Cheesman, G Mieli-Vergani, D Vergani
- 35** HbeAg seroconversion is associated with HBV-specific T helper 1 reactivity and emergence of mutations within HBV pre-core and core regions in infancy acquired infection.
I Carey, A Giannattasio, S Bansal, JA Byrne, P Cheesman, Y Ma, MS Longhi, F Meda, G Mieli-Vergani, D Vergani
- 36** Metabonomic assessment of liver fibrosis in chronic hepatitis C
IN Guha, P Murphy, PJ Roderick, S Harris, P Winwood, H Millward-Sadler, JP Ireland, WM Rosenberg
- 37** Detailed analysis of CD4+ T cell responses in patients being treated for chronic Hepatitis C with pegylated interferon and ribavirin
IW Rees, K Gallagher, K Wright, A Gallimore, AJ Godkin
- 38** European liver fibrosis (ELF) markers accurately distinguish fibrosis severity in Primary Biliary Cirrhosis : An external validation study
J Parkes, M Mayo, R Cross, S Harris, PJ Roderick, B Coombs, B Huet
- 39** European liver fibrosis (ELF) markers accurately distinguish fibrosis severity in Chronic Hepatitis C (CHC): an external validation study
J Parkes, SR Bialek, BP Bell, N Terrault, A Zaman, A Sofar, IN Guha, R CrossR, S Harris, PJ Roderick, WMC Rosenberg

- 40** Hepatitis C in the native Caucasian population and in individuals of Indian Sub-Continent origin
J Rehman, MH Davies, S Sheridan, C Wigglesworth, S Moreea, CE Millson
- 41** Hepatitis E - Epidemic in South East Wales?
J Turner, CL Ch'ng
- 42** Deficiency of matrix metalloproteinases-13 retards spontaneous resolution of hepatic fibrosis
JA Fallowfield, M Mizuno, RC Benyon, JS Dufield, JP Iredale
- 43** Natural history of non alcoholic steatohepatitis (NASH) cirrhosis and severe fibrosis
JH Topping, N Bhala, CP Day
- 44** Evolving profile of hepatitis B (HBV) patients requiring liver transplantation (LT): possible effect of anti-viral (AV) therapy
JK Punnoose, Syn WK, Nightingale P, Dudley T, Mutimer DJ
- 45** Modafinil is an effective treatment for excessive day time somnolence and fatigue in primary biliary cirrhosis (PBC)
JL Newton, DEJ Jones
- 46** The impact of a regional managed clinical network (MCN) on attendance and outcomes at a Hepatitis Specialist Centre
JM Tait, JF Dillon JE
- 47** Efficacy of PEG Interferon and Ribavirin in patients within two hepatitis specialist centres in North East Scotland
JM Tait, P Dunbar, L Bailey, A Fraser, JF Dillon
- 48** Altered peripheral vascular response to exogenous vasopressin and desmopressin in patients with cirrhosis and ascites
JW Ferguson, N Kochar, J Din, DE Newby, PC Hayes
- 49** Managing HCV infection in injecting drug users: a community model
K Jack, M Varnam, BJ Thomson
- 50** Prospective audit of liver biopsy practice : is bigger better?
K Li, G Mortimore, M Jackson, D Clarke, JG Freeman, AS Austin
- 51** Drug metabolising enzyme transcripts expression in a stem cell derived liver cell
K Wallace, RA Currie, MC Wright
- 52** Treating chronic Hepatitis C in Clinical Practice
KA Rye, G. Mortimore, M Jackson, JG Freeman, AS Austin
- 53** Cystic fibrosis and liver transplantation: a single centre experience
KL Nash, J D Collier, C Hawarth, D Bilton, N V Jamieson, G J Alexander
- 54** Cystic fibrosis and chronic liver disease: a single centre experience
KL Nash, ME Allison, C Hawarth, D Bilton, GJ Alexander

- 55** Treatment outcomes for hepatocellular carcinoma using chemoembolisation in combination with other therapies
L Marelli, R Stigliano, C Triantos, M Senzolo, E Cholongitas, N Davies, D Yu, T Meyer, D Patch, AK Burroughs
- 56** Primary prophylaxis for variceal haemorrhage - where are we going wrong?
L McLeman, U Aziz, J Thomson, D Armour, NAG Mowat, A Fraser
- 57** Is the use of estimated Glomerular filtration rate (eGFR) a useful addition to renal assessment in patients with liver disease?
M Austin, J Portal, W Bernal
- 58** A simple scoring system accurately predicts outcome in patients with chronic liver disease admitted to a liver Intensive Care Unit.
M Austin, W Bernal, J Wendon
- 59** Intrahepatic T-bet positive cells are more frequent in HCV/HIV coinfecting than HCV monoinfected patients possibly accounting for the accelerated liver fibrosis progression in coinfecting patients
MJ Hussain, C Almerighi, AH Mohsen, DP Bogdanos, S Norris, B Portman, D Vergani
- 60** Services for liver disease in district general hospitals in the United Kingdom
MJ Williams, C Salmon, AS Austin, JG Freeman
- 61** In vitro generation of CD4+CD25+ regulatory T-cells (T-regs) from circulating CD4+CD25- T-cells in patients with autoimmune hepatitis
MS Longhi, F Meda, GS Bansal, D Mieli-Vergani, D Vergani, Y Ma
- 62** Elevated MCP-1 serum levels are associated with the H63D mutation and not the C282Y mutation in hereditary haemochromatosis
MW Lawless, S Norris
- 63** Primary Biliary Cirrhosis and Hair Dyeing - cause or effect?
N Bhala, JL Newton, DEJ Jones
- 64** Liver Transplantation experience with ethnic minority populations in Scotland
N Bhala, K J Simpson
- 65** Tipicitis : incidence and outcome. A single centre experience
N Kochar, N J Arestis, D Tripathi, DN Redhead, H Ireland, PC Hayes
- 66** Economic Evaluation of Individual versus Standard Treatment Approach for patients with Chronic Hepatitis C Virus Genotype - 1 (G1) Low Viral Load (LVL) Using Peginterferon Alpha- 2b Plus Ribavirin in the United Kingdom
N Naoumov, S Zeuzem, N Tayman, L Cragin, S Sorensen
- 67** The Prevalence of classical risk factors for cardiovascular disease in patients being assessed for Orthotopic Liver Transplant
NC McAvoy, Peter C Hayes
- 68** Use of second-line immunosuppressive agents in autoimmune hepatitis : experience from two centres in the Mid-Trent Region
NJ Taylor, M James, AS Austin, GP Aithal, SD Ryder, JG Freeman

- 69** Cognitive Impairment in PBC is related to sympathetic autonomic nervous system dysfunction
OC Okonkwo, JA Burt DEJ Jones, JL Newton
- 70** The composite autonomic system scale (COMPASS) identifies patients with autonomic dysfunction in PBC (PSBC) and Associates with fatigue Modafinil is an effective treatment for excessive daytime somnolence and fatigue in primary biliary cirrhosis (PBC)
OC Okonkwo, JA Burt, DEJ Jones, JL Newton
- 71** Chronic Hepatitis B - Where have they all gone?
P Dundas, MK Rossi, P Molyneaux, A Fraser
- 72** Liver enriched transcription factor (LETf) expression in HepG2 cells is maintained during long term 3-D cultures in alginate beads
P Oakley, K Man Suen, HJF Hodgson, C Selden
- 73** Single centre experience of Sirolimus immunosuppressive therapy post liver transplant and its dermatological side effects
P Sidhu, PB Southern, CE Millison
- 74** Trends in monocyte expression of HLA-DR predict 30 days survival in acute-on-chronic liver failure
PA Berry, CG Antoniadou, ET Davies, J Wendon, D Vergani
- 75** Number of monocytes producing the anti-inflammatory cytokine IL-10 parallels organ dysfunction in acute-on-chronic liver failure
PA Berry, CG Antoniadou, MS Longhi, MJ Hussein, ET Davies, J Wendon, D Vergani
- 76** Investigation the use of RNA derived from formaline fixed, paraffin embedded material in gene expression array experiments
PB Southern, FA Lewis, A Sharma Oats, P Quirke, C Millison
- 77** Endoscopic ultrasonography is better than endoscopy for assessing intestinal failure associated liver disease
PJ McKiernan, SLM Rosseneu, GL Gupte, AJ Millar
- 78** Is there still a role Lamivudine monotherapy in the treatment of Chronic Hepatitis B?
PTF Kennedy, N Phillips, G Dusheiko
- 79** Fibrinogen levels in decompensated alcoholic liver disease : Assessment of synthesis and degradation
R Hamid, N Joshi, DC McMillan, T Preston, C Slater, AJ Stanley
- 80** Predictors of renal failure in patients undergoing liver transplantation for chronic liver disease
R Malik, Kuldeep Cheent, Kirsty Morrison, Timn Cross, Michael Heneghan, John O'Grady, Mathew Bowles, Paolo Muiesan, Mohammed Rela, Nigel Heaton, Elizabeth Sizer, Will Bernal, George Auzinger, Julia Wendon
- 81** Liver dysfunction in childhood inflammatory bowel disease : a single centre experience
R Srinivasan, CH Spray

- 82** Minimally elevated liver function tests (LFT's) - are we seeing or doing enough?
RC Thomas, D McClure, B Peaston, M Hudson
- 83** The role of inflammation in determining ADMA levels in acute liver failure
RP Mookerjee, RN Dalton, C Turner, NA Davies, SJ Hodges, R Williams, R Jalan
- 84** Circulating angiogenin levels are elevated in patients with non alcoholic fatty liver disease
S Singhal, J Patel, I Tracey, N Panja, EA Hughes
- 85** Genetic evidence that immune mechanisms do not play a primary role in the pathogenesis of alcoholic liver disease (ALD) : a median randomisation study
SF Stewart, AK Daly, J Leathart, B Haugk, P Donaldson, AD Burt, DEJ Jones, CP Day
- 86** Substitute opiate use in intravenous drug users (IVDUs) does not adversely effect sustained virological response (SVR) following treatment of chronic Hepatitis C (CHC) with pegylated interferon alpha (PEG-IFN) and ribavirin
SH Hussaini, EA Cole, A Flynn, J Bergin
- 87** The anti-fibrogenic effects of the PXR correlate with reductions in hepatic interleukin 1 levels in mice
SJ Tucker, E Durward, DK Konstantiou, CJ Marek, K Wallac, EL Haughton, JE, Trim, MC Wright
- 88** Si-RNA-Mediated knockdown of PXR expression in a human hepatic stellate cell line - abrogation of PXR activator-dependent inhibition of proliferation
SJ Tucker, E Durward, MC Wright
- 89** Determinants of cirrhosis at presentation and prognostic indicators in patients with autoimmune hepatitis
T Al-Chalabi, B Portmann, I McFarlane, M Heneghan
- 90** AST at Presentation : Influence on disease course and outcomes in autoimmune hepatitis
T Al-Chalabi, BC Portmann, IG McFarlane, MA Heneghan
- 91** The histological appearances of the liver in patients with a Fontan circulation
TJ Kendall, N Hacking, GH Millward-Sadler, G Veldtman, JP Iredale
- 92** The autocrine effects of Pro and mature nerve growth factor on activated human stellate cell survival and proliferation
TJ Kendall, SH Hennedige, RC Benyon, JP Iredale
- 93** Assessment of recipient physiological derangement in patients undergoing emergency liver transplantation for acute liver failure
TJS Cross, MR Foxton, G Auzinger, J O'Grady, P Muieson, ND Heaton, E Sizer, J Wendon, W Bernal
- 94** The prevalence of delta hepatitis (HDV) in South London liver unit
TJS Cross, P Rizzi, M Horner, K Martin, MJ Hussain, D Vergani, HM Smith, PM Harrison

- 95** ^1H and ^{31}P magnetic resonance spectroscopy of bile at varying pH in patients with cholangiocarcinoma
TL Lampejo, AW Sharif, Mwylezinska, JFL Cobbold, SD Taylor-Robinson, IJ Cox
- 96** A mutagenic analysis of the 5' terminal nucleotide of hepatitis C virus and its effects on genome replication
UC Nandasoma, CJ McCormick, MH
- 97** Evidence of failure of neutrophil function in alcoholic cirrhosis : An explanation for reduced survival and increased susceptibility to infection and organ failure
V Stadlbauer, RP Mookerjee, S Lidder, SJ Hodges, R Williams, R Jalan
- 98** Does substituting lean body mass (LBM) into the Cockcroft-Gault (CG) formula improve accuracy of estimated glomerular filtration rate (GFR) when compared with EDTA GFT on cirrhotic patients?
V Susang, L Marelli, E Cholongitas, M Senzolo, A Burns, A Davinport, P Sweny, D Patch, AK Burroughs
- 99** EMAP-II is upregulated in viral hepatitis and hepatocellular carcinoma and inhibits signalling via the T cell receptor
W Faisal, JC Murray, A Robins, BJ Thomson
- 100** European liver fibrosis (ELF) markers accurately distinguish fibrosis severity in non-alcoholic fatty liver disease (NAFLD) : An external validation study
WMC Rosenberg, J Parkes, D Chattopadhyay, AD Burt, IN Guha, R Cross, S Harris, PJ Roderick, CP Day