ORAL COMMUNICATIONS

In oral communications with more than one author, the first author is the one who intended to present the work

1P **Belsey MJ, Culliford SJ, Almond M, Kozlowski RZ** Tricyclic antidepressants and 2nd generation antihistamines inhibit volume-sensitive anion channels in HeLa cells.

2P **Finlayson K, Turnbull L, January CT, Sharkey J & Kelly JS** [^{3}H]dofetilide binding to HERG transfected membranes: a potential preclinical screen?

3P **Davies ARL, Hogg DS & Kozlowski RZ** Kv2.1 channels are the major contributers to hypoxia-sensitive potassium currents in pulmonary artery smooth muscle cells

4P **Glen CD, Richards GR, Burnham M, Edwards G, Gardener MJ, Schofield IJ & Weston AH** Expression of calcium-sensitive potassium channels in human endothelial cells

5P **Sebastião AM, de Mendonça A & Ribeiro JA** Adenosine, through A_1 receptors, facilitates recovery from hypoxia by reducing synaptic NMDA receptor activation

6P **Kemp JA, Kew JNC, Mutel V, Jolidon S, Malherbe P, Vieira E, Wichmann J & Knoflach F** Positive allosteric modulators of metabotropic glutamate receptor 1: characterisation and putative binding site

7P **Kew JNC, Knoflach F, Mutel V, Jolidon S, Malherbe P, Vieira E, Wichmann J & Kemp JA** Positive allosteric modulation of native metabotropic glutamate 1 receptors

8P **Cuzzocrea S, Chatterjee PK, Mazzon E, McDonald MC, Dugo L, Serraino I, Caputi AP & Thiemermann C** Beneficial effects of GW274150, a novel, potent and selective inhibitor of iNOS activity, in a rodent model of collagen-induced arthritis

9P **Gomes P, Serrão P, Xu J, Jose PA & Soares-da-Silva P** Expression and function of sodium transporters in two opossum kidney cell clonal sublines

10P **Patel NSA, Kvale EO, Chatterjee PK & Thiemermann C** Effects of L-NIL and AE-ITU on the renal dysfunction mediated by ischaemia-reperfusion of rat kidneys *in vivo*

11P **Chatterjee PK, Patel NSA, Kvale EO & Thiemermann C** The PPAR-γ ligand 15d-PGJ_2 reduces renal dysfunction and injury mediated by ischaemia/reperfusion of the rat kidney

12P **McDonald MC, Mota-Filipe H, Cockerill GW, Miller NE & Thiemermann C** Effects of human high-density lipoproteins (HDLs)on the multiple organ injury in haemorrhagic shock in the anaesthetised rat

13P **Ranki H, Budas GR, Crawford RM & Jovanovic A** Gender-dependent expression of sulfonylurea receptors in guinea-pig heart

14P **Peckham-Cooper A & af Forselles KJ** Pharmacological characterisation of the female rat longitudinal urethra.

15P **Coyne L & Lees G** The effects of 12,14-dichlorodehydroabietic acid on human $GABA_A$ currents in oocytes and native rat $GABA_A$ receptors in primary cortical cultures

16P **Lees G, Errington AC, Culloty BM & Singh G** Block of sustained repetitive firing in rat cultured cortical neurones by cis-9,10-octadecenoamide and the status of endogenous fatty acid amide hydrolase

17P **Bryan-Lluka LJ, Bönisch H & Paczkowski FA** A naturally occurring human noradrenaline transporter mutation in transmembrane domain 9 causes differential changes in noradrenaline and cocaine affinities.

18P **Nally R, McNamara F, Clifford J, Kinsella A, Tighe O, Croke D, Fienberg A, Greengard P & Waddington J** Topograpical assessment of dopamine receptor-mediated motor behavioural phenotype following DARPP-32 knockout.

19P **Croft AP, Holt JDS & Little HJ** A CCK_B antagonist decreased effects of social defeat on alcohol consumption

20P **Willets JM, Challiss RAJ & Nahorski SR** Evidence that endogenous GRK6 contributes to agonist-mediated phosphorylation of the M3 muscarinic receptor and subsequent uncoupling from $G\alpha_{q11}$

21P **Mundell SJ, Matharu AL, Pula G, Roberts PJ & Kelly E** Internalization of mGluR1 splice variants induced by muscarinic receptor activation is PKC- and CaM kinase II-dependent

22P **Hislop JN, Matharu A, Mundell S, Kelly E & McArdle CA** A C-terminal tail can target gonadotrophin-releasing hormone receptors (GnRH-R) for dynamin-dependent internalisation

23P **Holliday ND & Cox HM** Relative efficacies of neuropeptide Y and peptide YY in Y1 receptor-stimulated GTPγ[^{35}S] binding studies

24P **Macfarlane SR, Kanke T, Seatter M, Paul A & Plevin R** Trypsin stimulates the NFκB transcriptional activity via an IKK isoform-independent pathway in NCTC 2544 transfected with human proteinase-activated receptor-2

25P **Walker SD, Dora KA, Ings NT, Crane G & Garland CJ** 1-Ethyl-2-benzimidazolinone activates endothelial cell IKCa and smooth muscle hyperpolarization in rat isolated mesenteric artery

26P **Dora KA, Ings NT & Garland CJ** Modulation of responses to exogenous potassium by potassium channel activity in the rat isolated mesenteric artery

27P **Gray PA, Vojnovic I, Del Soldato P, Mitchell JA & Warner TD** Effects of plasma proteins and blood elements on the potencies of flurbiprofen and NO-flurbiprofen as inhibitors of thromboxane A_2 formation by human platelets

28P **Dawson NJ, Yoshiizumi K & Lawson K** Effects of N^G-monomethyl-L-arginine on the vasorelaxant responses to novel thienylcyanoguanidine potassium channel openers in rat isolated aorta.

29P **Graves JE & Lewis SJ** Impaired vasodilation to peroxynitrite, acetylcholine and isoprenaline in anaesthetised streptozotocin-induced diabetic rats.

30P **Zacharowski K, Rensing H, Frank S & Warner TD** Doses of bacterial wall fragment of *S. aureus* that induce delayed preconditioning do not induce heme oxygenase-1 and inducible nitric oxide synthase

31P **Johnstrom P, Harris NG, Fryer TD, Maguire JJ, Barret O, Richards HK, Clark JC, Pickard JD & Davenport AP** *In vivo* imaging of ET-1 binding to endothelin receptors using [^{18}F]-ET-1 and positron emission tomography

33P **Borg JJ, Hancox JC, Meaden GM, Spencer IC & Kozlowski RZ** A simple computational method to quantify arrhythmias based upon contractile variability

34P **Moores C, McQueen DS & Bond SM** PPADS, respiratory chemoreflexes and carotid sinus nerve discharge in anaesthetised rats

35P **Mangoni AA, Ouldred E, Allain TJ, Close JCT, Hilton D, Swift CG, Lyons D & Jackson SHD** Abnormal vasomotor responses in patients with the vasodepressor form of carotid sinus syndrome

36P **Wayman NS, McDonald MC, Hattori Y & Thiemermann C** The cyclopentenone prostaglandin 15d-PGJ_2 reduces the expression of iNOS and of monocyte chemo-attractant protein-1 caused by ischaemia-reperfusion in the heart.

37P **Gardiner SM, March JE, Kemp PA & Bennett T** Effects of the cannabinoid receptor antagonist AM 251 on the cardiovascular responses to the cannabinoid receptor agonist WIN 55212-2 and to anandamide, in conscious rats

38P **Bennett T, March JE, Kemp PA & Gardiner SM** Cardiovascular effects of corticotropin releasing factor (CRF) compared with human urotensin II (h-UII) in conscious rats

39P **Smith PJW & McQueen DS** Sensory nerves innervating blood vessels induce cardiovascular and respiratory reflexes in response to algogens in anaesthetised rats.

40P **Sisodiya A, Kilpatrick IC, Emery CJ & Higenbottam TW** Pulmonary vasoconstriction by dexfenfluramine is not modified by α_1-adrenoceptor antagonism or pre-treatment with an SSRI or SNRI in the Wistar rat lung

POSTER COMMUNICATIONS

41P **Gibson A, Fernandes F, Wallace P & McFadzean I** Trifluoromethylphenylimidazole (TRIM) produces selective inhibition of capacitative calcium entry in smooth muscle

42P **Hann V & Chazot PL** Preliminary pharmacological study of the Human H_{3A} Histamine receptor transiently expressed in Human Embryonic Kidney (HEK) 293 cells

43P **Hyland NP, Herzog H & Cox HM** Decreased sensitivity to pancreatic polypeptide in colonic mucosa from Y_2 receptor knockout mice.

44P **Tough IR, De Souza RJ, Herzog H & Cox HM** Pancreatic polypeptide responses in colonic mucosal and smooth muscle preparations from wild type and Y_4 receptor knockout mice

45P **Conner AC, Howitt SG, Wheatley M, Smith DM & Poyner DR** The effect on CGRP-binding of mutations to the hydrophilic residues within the first transmembrane region of human calcitonin receptor-like receptor (CRLR).

46P **Clark JH, Broadley KJ, Hutcheson IR, Nicholson RI & Kidd EJ** Adenosine receptor agonists mediate the phosphorylation of Mitogen Activated Protein Kinase (MAPK) in MCF-7 human breast cancer cells.

47P **Ghadessy RS & Kelly E** Evidence for a role of PKA and protein synthesis in endogenous secretin receptor responsiveness

48P **Budd DC, McDonald JE & Tobin AB** Functional interaction between casein kinase 1α and the muscarinic M_3 receptor

49P **Mota AV & Guimarães S** Prejunctional receptors of angiotensin II and bradykinin in the heart of newborn rats

50P **Menzies JRW & Kennedy C** Perinuclear $P2X_7$-like immunoreactivity in the guinea-pig vas deferens

51P **Kennedy C & Westfall TD** Characterisation of the sites of action of ATP in the guinea-pig isolated vas deferens

52P **Vandeputte C & Docherty JR** Investigation of α-adrenoceptor-mediated responsiveness of aorta from $\alpha_{2A/D}$-adrenoceptor knock-out mice

53P **Willmott G, Robinson ESJ, Tyacke RJ, Nutt DJ & Hudson A** Functional characterisation of novel α_2-adrenoceptor ligands in the mouse vas deferens

54P **Finch L, Tyacke RJ, Robinson ESJ, Nutt DJ & Hudson AL** *In vitro* evaluation of three potential SPECT ligands for the central α_2 adrenoceptor

55P **Queiroz G & Gonçalves J** Opposite influence of α_2-autoreceptor activation on the A_1- and the A_{2a}-adenosine receptor modulation of noradrenaline release in the isolated epididymal portion of rat vas deferens

56P **Mayer G, Quinlan R & Taberner PV** Agmatine and imidazoline site ligands in the mouse isolated vas deferens

57P **Pinto R, Mota-Filipe H, Barrento C & Silva-Lima B** Effect of NO synthase/guanylate cyclase inhibition in the rat vas deferens contractility and noradrenaline release

58P **Vieira-Coelho MA, Bonifácio MJ & Soares-da-Silva P** BIA 3-202, a fast and competitive tight-binding catechol-O-methyltransferase inhibitor

59P **Torrens C, Brawley L, Itoh S, Poston L & Hanson MA** Atypical β adrenoceptor-mediated vasodilatation in rat isolated small mesenteric arteries

60P **Baker JG, Hall IP & Hill SJ** Agonist-dependent differences in the affinity of ICI 118551 and CGP 12177 for antagonism of β_2-agonist-stimulated gene transcription in CHO-K1 cells expressing the human β_2-adrenoceptor

61P **Sokal DM & Chapman V** Effects of $GABA_A$-Receptor activation on electrically-evoked responses of dorsal horn neurones in control, spinal-nerve ligated and sham operated rats *in vivo*

62P **Assis TS, Rowan EG & Kennedy C** The sensitivity of sensory neurones to P2 receptor agonists differs in intact and dissociated rat dorsal root ganglia

63P **Gauldie SD, McQueen DS & Chessell IP** Unilateral chronic arthritis induced in the mouse knee joint using Freund's Complete Adjuvant.

64P **Jenkins S, Worthington M & Clarke RW** Failure of cannabinoid inhibition of hind limb withdrawal reflexes in pentobarbitone-anaesthetized rabbits

65P **Duncan M, Kendall DA & Ralevic V** Effect of WIN55, 212, a cannabinoid receptor agonist, on sensory neurotransmission in the rat isolated mesenteric arterial bed.

66P **Jackson P & England S** Characterisation of the excitatory effects of capsaicin in the rat bladder *in vitro*

67P **Kvale EO, Patel NSA, Chatterjee PK, Sharpe MA & Thiemermann** EUK-134 reduces oxidative stress-mediated injury and death of rat proximal tubule cells.

68P **Gomes P & Soares-da-Silva P** Actin cytoskeleton and dopamine-induced inhibition of Na^+-K^+-ATPase activity in opossum kidney cells

69P **Kvale EO, Patel NSA, Chatterjee PK, Sharpe MA & Thiemermann C** The SOD mimetic EUK-134 reduces oxidative stress-mediated renal dysfunction in the rat *in vivo*

70P **Izumi M, McDonald MC, Sharpe MA, Chatterjee PK & Thiemermann C** Effects of EUK-8, a superoxide dismutase mimetic with catalase activity, on the circulatory failure and multiple organ injury in haemorrhagic shock in the anaesthetised rat

71P **d'Emmanuele di Villa Bianca R, Izumi M, McDonald MC, Chatterjee PK & Thiemermann C** Pyrrolidine dithiocarbamate (PDTC) reduces the renal dysfunction associated with ischaemia-reperfusion of kidney of the rat *in vivo*

72P **Sepodes B, Pinto R, McDonald MC, Mota-Filipe H & Thiemermann C** Dithiocarbamates attenuate the organ injury and dysfunction caused by endotoxin in the rat

73P **Toward TJ, Maillard JY, Boult JE & Broadley KJ** Airway function, hyperreactivity, cell influx and nitric oxide in conscious parainfluenza-3 infected guinea-pigs: Effect of dexamethasone and rolipram

74P **Martin TJ & Broadley KJ** Exposure of a contractile response to adenosine in guinea-pig isolated trachea by passive sensitization

75P **Gribben EE, Brown AJ, Caldwell S, Grant AW & Nally JE** Glycosaminoglycans potentiate ANP-evoked relaxation in bovine bronchi

76P **Lal H, Emery CJ, MacLean MR & Higenbottam TW** Regional distribution of dexfenfluramine mediated pulmonary arterial vasoconstriction: comparative study in Wistar, Fawn hooded and chronically hypoxic Wistar rats.

77P **Yu Q, Mapp PI, Woodward B & Williams KI** Changes in pulmonary vascular reactivity during and after chronic hypoxia in rats.

78P **O'Neill GT, Rowan EG & Gurney AM** Characterisation of muscarinic receptors mediating contraction in the rabbit pulmonary artery.

79P **Tracey A, Irvine J, Bunton D, MacDonald A & Shaw AM** Relaxation to bradykinin in bovine pulmonary supernumerary arteries: role of nitric oxide and a guanylyl cyclase

80P **Pennington RA, Hough KA, Yates A & Prince RJ** Use of epibatidine to probe the binding site of the desensitised foetal muscle nicotinic acetylcholine receptor

81P **Russo E & Constanti A** Topiramate enhances and prolongs the slow post-stimulus afterhyperpolarization (sAHP) in rat olfactory cortical neurones *in vitro*

82P **Cater HL, Poyner DR & Hartell NA** Calcitonin gene-related peptide and adrenomedullin modulate synaptic transmission in Purkinje cells.

83P **Cunha-Reis D, Sebastião AM & Ribeiro JA** Modulation of synaptic transmission by VIP in the CA1 area of the hippocampus is dependent on GABAergic transmission and on both PKA and PKC activities.

84P **Toms NJ, Bailey A, Kelland EE, Crawford D & Kitchen I** Regional localisation of low affinity kainate receptors in murine brain via [^{3}H](2S,4R)-4-methylglutamate autoradiography.

85P **Binns KE, Turner JP & Salt TE** The role of kainate (GluR5) receptors in sensory responses of rat ventrobasal thalamus (VB) neurones

86P **More JCA, Troop HM & Jane DE** N^3-Substituted willardiine analogues act as kainate receptor antagonists in the neonatal rat dorsal root preparation

87P **Kapus G, Kertesz Sz, Vegh M, Harsing LG Jr & Levay G** Interaction of AMPA receptor modulators in the chicken retina

88P **Miller JC, Tse HW, Monaghan DT & Jane DE** Pharmacological characterisation of the subunit selective NMDA receptor antagonist PPDA on neonatal rat motoneurones

89P **Chazot PL, Lawrence S & Thompson CL** Evidence for two classes of NR2B-directed NMDA receptor antagonists

90P **Fazal A, Parker F, Palmer AM & Croucher MJ** Pharmacological characterisation of positive modulatory metabotropic glutamate autoreceptors in the rat cerebral cortex

91P **Howson PA, Tse HW, Crossley CC & Jane DE** Pharmacological characterisation of three 2-oxopyridylalanine analogues on glutamate receptors expressed on neonatal rat motoneurones

92P **Howson PA & Jane DE** A comparison of group III metabotropic glutamate receptor agonists and the ability of LY341495 to antagonise their responses on neonatal rat primary afferents

93P **Lee JJ & Croucher MJ** Influence of locally applied group I mGlu receptor ligands on neuronal 5-HT release in the rat frontal cortex *in vivo*

94P **Pearce SM, Whitehead KJ, Whitehead SB, Walker G, Hill D & Bowery NG** Effect of antagonists at the NMDA receptor complex on changes in amino acid efflux by Gly T-1 inhibition

95P **Smith CGS, Whitehead KJ & Bowery NG** Effect of selective GABA uptake inhibition on basal GABA and high K^+-evoked release in the rat spinal cord *in vivo*

96P **Marsh WL & Davies JA** The effect of gap junction inhibitors on GABA uptake inhibitor-induced depolarizations in mouse cortical slices.

97P **Ebenezer IS** The development of differential contingent negative variation potentials to reinforced and non-reinforced signals in rats are enhanced by pretreatment with nicotine

98P **Croft AP & Little HJ** Effects of social defeat on regional brain corticosterone concentrations.

99P **Almeida AM, Sales F, Falcao AC & Caramona MM** Lamotrigine pharmacokinetic parameter estimation in an inpatient population

100P **Castel-Branco MM, Gomes CA, Figueiredo IV, Falcao AC, Macedo TRA & Caramona MM** Relationship between lamotrigine in plasma and brain of rats

101P **De Sarro GB, Siniscalchi A, Russo E, Gitto R & Chimirri A** Lack of development of tolerance in genetically epilepsy-prone rats (GEPR -9S) following repeated treatment with topiramate or CFM-2

102P **Manning J-PA, Barnes D, Rombola L, Richards DA, Bowery NG, Leresche N & Crunelli V** Weak anti absence action of ethosuximide infused directly into the reticular thalamic nucleus (RTN) of the genetic absence epilepsy rat from Strasbourg (GAERS)

103P **Jagger L, Parker TL, Starkey S & Mason R** Kainic acid-induced epileptiform activity and neuronal cell death in hippocampal organotypic slices

104P **Spedding M, Menton K, Gressens P, Villa P, Williamson T & Markham A** Correlation of isatogen derivatives and spin traps as antagonists of ATP receptors and as neuroprotective agents: comparison with AMPA antagonists

105P **Santos A, Cerejo A, Borges N Azevedo I & Sarmento A** Changes in brain mitochondrial function after head trauma: effect of mechanogated membrane ion channel blockers

106P **Kelland EE & Toms NJ** Attenuation of excitotoxic oligodendrocyte progenitor cell degeneration by the caspase inhibitor, Z-VAD-fmk.

107P **Vladimirov A, Nijjer S & PJ Roberts** Transformed astrocytes are vulnerable to AMPA- and kainate-induced excitotoxic injury

108P **Kulkarni R, Rose S, Edroos S & Jenner P** Effect of cytochrome P4502E1 inhibition on free radical formation and dopamine efflux in the rat substantia nigra

109P **Ford GK, Al-Barazanji KA, Wilson S, Harbuz MS & Jessop DS** Effects of glucocorticoid manipulation on orexin-A induced food intake in rats

110P **Edwards MM, Jackson HC, Nutt DJ & Hudson AL** Investigation of the acute administration of imidazoline ligands on food intake.

111P **Mayer G & Taberner PV** Leptin and insulin resistance in gold thioglucose-treated mice

112P **Rose MJ, Jones NA, Yano H, Lever R & Page CP** The protein kinase A dependency of the effect of phosphodiesterase 4 inhibition on human neutrophil elastase and myeloperoxidase release *in vitro*

113P **Raper MA, Jones NA, Yano H, Lever R & Page CP** The effect of protein kinase A inhibition on the antiproliferative actions of phosphodiesterase inhibitors in human peripheral blood mononuclear cells

114P **Costa IM, Falcao AC, Barreto M, Bica A, Farinha AR, Lanao JM & Caramona MM** Binding of warfarin enantiomers to human plasma proteins

115P **Thomas R, Woon ML, Ralevic V & Alexander SPH** An investigation of the role of cyclic nucleotides and potassium channels in the ADP-induced relaxation of the porcine isolated coronary artery

116P **O'Brien A, Thakur G, Cui Y, Singer M & Clapp LH** Inhibition of the pore-forming subunit of the K_{ATP} channel partially reverses endotoxin-induced vascular hyporeactivity in rat superior mesenteric artery

117P **Wilson AJ & Clapp LH** Structurally dissimilar ATP-sensitive K^+ channel inhibitors have variable effects on relaxation to L-arginine in LPS-treated rat aortic rings

118P **Cui Y, Tinker A & Clapp LH** Potent inhibition of cloned K_{ATP} channels stably expressed in human embryonic kidney (HEK) 293 cells by the pinacidil derivative, PNU-99963

119P **McEvoy LAF & Dora KA** Intercellular calcium signalling via gap junctions in response to mechanosensitive signals in rat aortic endothelial cells

120P **Woolard J, Dunn WR & Aspley S** Relaxation of rat isolated mesenteric small arteries in response to fluoxetine

121P **Dora KA, Sandow SL, Ings NT, Takano H, Hill CE & Garland CJ** Myoendothelial gap junctions provide a pathway for EDHF in the mesenteric artery of the mouse

122P **Hogg DS & Kozlowski RZ** Non-selective cation currents in endothelial cells freshly isolated from small pulmonary arteries of the rat

123P **Maguire JJ & Davenport AP** Vasoactive responses to novel orphan receptor ligands hexarelin and ghrelin in human arteries *in vitro*

124P **Palma P, Barata JD, Branco P, Pinto R & Silva-Lima B** Dietary supplementation with canned sardine improves the parameters of risk of cardiovascular disease: a study in old male rats.

125P **Morato M, Sousa T, Guimarães S, Moura D & Albino-Teixeira A** Antihypertensive effects of losartan and atenolol on 1,3-dipropyl-8-sulfophenylxanthine (DPSPX)-induced hypertension

126P **Morato M, Sousa T, Guimarães S, Moura D & Albino-Teixeira A** Vascular reactivity in DPSPX (1,3-dipropyl-8-sulfophenilxanthine)-induced hypertension

127P **Sousa T, Fernandes E, Carvalho F & Albino-Teixeira A** Xanthine oxidase inhibition by DPSPX (1,3-dipropyl-8-sulfophenylxanthine)

128P **Le Jeune IR, Houslay MD & Hall IP** Human phosphodiesterase 4D: genomic organisation and identification of a putative promoter for splice variant five

129P **Jones RD, Pugh PJ, English KM, Jones TH & Channer KS** Isolated arteries from testicular feminised mice have maintained dilator responses to testosterone but reduced vascular reactivity to acetylcholine

130P **Jones RD, Ruban LN, Pugh PJ, English KM, Jones H & Channer KS** Testosterone inhibits agonist-induced increases in intracellular calcium in rat aortic smooth muscle cells

131P **Pugh PJ, Jones RD, Nettleship J, Jones TH & Channer KS** Testosterone suppresses cytokine production in whole blood from men with heart failure

132P **Eseh-Sumbele P, Strati I & McCurrie JR** The effect of age on oestrogen-induced relaxation of rat aorta

133P **Sousa T, Fernandes E, Carvalho F, Laranjinha J & Albino-Teixeira A** Direct scavenging of nitric oxide by DPSPX (1,3-dipropyl-8-sulfophenylxanthine)

134P **Dawson NJ & Lawson K** Pinacidil, but not cromakalim, -induced Rb efflux from rat isolated aorta is attenuated by N^G-nitro-L-arginine methyl ester (L-NAME).

135P **MacMillan D & Gurney AM** Modulation of sarcoplasmic reticulum calcium release in rabbit aorta by sodium nitroprusside

136P **Wakefield ID, Gardiner SM, Valentin J-P & Bennett T** Regional haemodynamic effects of the nitric oxide synthase inhibitor s-methyl L-thiocitrulline in conscious Sprague-Dawley rats

137P **Borman RA, Purbrick S, Harmer DW, Gilbert M & Clark KL** Investigation of the functional role of a novel angiotensin-converting enzyme (ACE2) in human intestine

138P **Wayman NS, McDonald MS & Thiemermann C** The peroxisome-proliferator activator receptor-γ ligand pioglitazone reduces infarct size caused by myocardial ischaemia and reperfusion in the heart.

139P **Yates L & Broadley KJ** Protection by an adenosine A_3 agonist from myocardial stunning induced by simulated ischaemia of guinea-pig left atria

140P **Reidy V, Watson M & Woodward B** The effect of HO-1 induction on the post-ischaemic recovery of the isolated rat heart

DEMONSTRATION

ABSTRACT FROM A SYMPOSIUM ON 'BRAIN IMAGING'

5th September 2001

ABSTRACTS FROM A SYMPOSIUM ON 'BRINGING PROTEOMICS AND PHARMACOLOGY TOGETHER'

6th September 2001

ABSTRACTS FROM A TEACHING WORKSHOP

7th September 2001