ORAL COMMUNICATIONS

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

- 274P Greenlees C, Wainwright CL & Wadsworth RM Larginine administration does not improve endothelial function following balloon angioplasty in the Froxfield Heritable Hyperlipidaemic rabbit
- 275P Shah D, Tippins JR, Kaski JC & Alison M Influence of atherosclerosis and anatomical position on leukotriene C₄ reactivity in human epicardial coronary arteries in vitro
- 276P Boutinet S, Giummelly P, Capdeville-Atkinson C & Atkinson J Role of calcium in the alterations of damping capacity in a rat model of elastocalcinosis
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- 278P Graham A, McLees A, Malarkey K & Plevin R
 Termination of mitogen-activated protein kinase activity
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- 280P Senchyna M & Crankshaw DJ Use of reverse transcription-polymerase reaction to identify prostanoid receptor mRNA in human myometrium
- 281P Newman SP, Croxtall JD, Choudhury Q & Flower RJ IL-1β induces arachidonic acid release and cyclooxygenase 2 expression in a concerted fashion, by a common signalling pathway involving PLC and PKC
- 282P Pinnock RD, Daum P, Woodruff GN & Otley CE Characterization of the galanin-mediated increase in intracellular calcium ([Ca²⁺]_i) in the rat pancreatic acinar tumour cell line AR42J
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- 285P Kromer BM & Tippins JR The effect of 8-epi prostaglandin $F_{2\alpha}$, an F_2 isoprostane, on porcine and ovine coronary arteries in vitro
- 286P Parratt JR, Vegh A, Semeraro C & Gy Papp J Beneficial effects of Z1046, a selective dopamine receptor agonist, during myocardial ischaemia
- 287P Humphreys RA, Kane KA & Parratt JR The effect of lodoxamide, a cardiac mast cell stabiliser, on myocardial ischaemic preconditioning in the rat
- 288P Vegh A, Kaszala K, Gy Papp J & Parratt JR Delayed myocardial protection by pacing-induced preconditioning: a possible role for bradykinin
- 289P Ramage AG & Mirtsou-Fidani V Examination of the cardiovascular effects of WAY-100802, a selective 5-HT_{1A} antagonist in anaesthetized cats

- 290P **Brown C & Shaw MA** Involvement of a 5-HT₁ receptor in the response to 5-HT in the first branch pulmonary artery of the rat
- 291P Bryan-Lluka LJ, Oldham KT, Guice KS & Bonisch H
 Ratlung microvascular endothelial cells in culture express
 a 5-HT transporter but not a noradrenaline transporter
- 292P Evans AM, Osipenko ON & Gurney AM ¹KRP: Characterization and pharmacological separation of a novel potassium current in rabbit pulmonary artery myocytes
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- 304P Pearce RKB, Banerji T, Scheel-Krüger J & Jenner P The dopamine reuptake blocker NS 2214 increases locomotor activity but does not produce dyskinesias in MPTP-treated common marmosets

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- 316P Harris H & Flower RJ Immunological assessment of glycosylation sites in human corticosteroid binding globulin (CBG)
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- 324P Mian KB & Martin W Role of catalase and hydrogen peroxide in the formation of nitric oxide from sodium azide and hydroxylamine
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- 330P Kennett GA, Bright F, Trail B, Blackburn TP & Baxter GS Effects of the 5-HT_{2B} receptor agonist, BW 723C86, in rat social interaction, elevated x-maze and Geller-Seifter models of anxiety
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- 332P Libri V, Constanti A & Bowery NG GABA_B receptor down-regulation facilitates muscarinic or metabotropic agonist-dependent burst firing in rat olfactory cortical neurones, *in vitro*
- 333P Poorheidari G, Stanhope KJ & Pratt JA 3,4-Diaminopyridine and apamin fail to improve scopolamine-induced deficits in working memory in
- 334P **Deveney AM & Waddington JL** Behavioural comparison of novel, full efficacy dopamine 'D₁-like' agonists: dihydrexidine and A 68930
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- 338P Lione LA, Nutt DJ & Hudson AL Characterisation and autoradiographical localization of imidazoline-2 (I₂) sites labelled by [³H]2-(-2-benzofuranyl)-2-imidazoline in rat brain
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- 341P Rose S, Hindmarsh JG, Silva MT, Hasham S & Jenner P
 Inhibition of nitric oxide synthase reduces MPP*-evoked
 hydroxyl radical formation in the rat striatum in vivo

POSTER COMMUNICATIONS

- 342P Woode E, Auld R & Skett P Effect of culture medium on adrenergic responses in rat hepatocytes
- 343P Andrews R, Anderson K, Yin L, MacDonald C & Grant MH Glutathione-S-transferase activities and the toxicity of 1-chloro-2,4-dinitrobenzene and ethacrynic acid in immortalised rat hepatocytes
- 344P Khan S & Skett P The effect of low endotoxin medium on the maintenance of steroid metabolism in cultured rat hepatocytes
- 345P Menton K & Markham A The protective action of cyclosporin A on energy metabolism associated with rat hepatic mitochondria
- 346P Wang Y, Symonds HW & Bowmer CJ In vitro binding of [14C]sulphamethazine to murine hepatic microsomes
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- 349P Horsburgh K, McCulloch J & Nicoll JAR Apolipoprotein Eimmunoreactivity is altered following transient cerebral ischaemia
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- 351P Mongeau R & Marsden CA Effect of CCK-4 administration on panic-like reactions produced by stimulation of the dorsal periacqueductal grey area in the rat
- 352P Kapur A & Brett RR Lack of effect of yohimbine on expression of c-fos mRNA in rats
- 353P Bakker AM, Davidson J & Rotondo D Arachidonyl ethanolimide (Anandamide) modulation of cytokinestimulated thymic lymphocyte proliferation
- 354P **Davidson J, Smith F & Rotondo D** Prostaglandin E₂ and fatty acid suppression of cytokine-stimulated thymic lymphocyte proliferation: the role of cyclic AMP
- 355P Luty J, Hepworth M, Kelly E & Henderson G IP-prostanoid receptor-mediated inhibition of calcium channel currents in NG108-15 neuroblastoma cells is mediated through $G_{\rm S}$ activation
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- 359P **Brown CJ & Crankshaw DJ** Effects of AH2384B on prostanoid-induced relaxation of human myometrium in vitro
- 360P Duwiejua M, Obiri OD, Zeitlin IJ & Waterman PG Anti-inflammatory activity in extracts from the seeds of *Picralima nitida* (fam. Apocynaceae)
- 361P Westfall T, Gooday R, Philpott A, Hill DR, Nicholson CD & Shahid M The inhibitory effects of Org 20241 on cloned human monocyte cyclic nucleotide phosphodiesterase 4A
- 362P Anderson MA, Hill DR, Nicholson CD & Shahid M
 Comparison of the effects of ORG 20241 and rolipram on
 cyclic nucleotide phosphodiesterase 4A expression in a
 human monocyte (U937) cell line
- 363P **Ménager N, Davidson J & Rotondo D** The effect of lipopolysaccharide on the intracellular distribution of [3H]-inositol in human monocytic cells
- 364P Scott PH, Belham CM, Chilvers ER, Peacock AJ & Plevin R A role for phosphatidylinositol 3-kinase-dependent p70 ribosomal S6 kinase activation in PDGF-stimulated DNA synthesis in bovine tracheal smooth muscle cells
- 365P Fatehi M, Rowan EG & Harvey AL Temperaturedependent effects of adenosine on presynaptic calcium currents and acetylcholine release from mouse motor nerve terminals
- 366P Dryden WF & Chu J Selective delivery of drugs to the nerve terminal cytoplasm using liposomes
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- 370P Rodgers EH & Grant MH Manipulation of drug metabolising enzyme activities in MCF 7 human breast cancer cells
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- 372P McCafferty DM, Sharkey KA & Wallace JL. The effects of capsaicin and 6-hydroxydopamine on TNBS-induced colitis in rats

- 373P Medhurst AD, Baines IA, Bowen WP, Hudson AL, Nutt DJ & Hunter AJ BU 224, 2-BFI, cirazoline and idazoxan show species differences for putative imidazoline sites (I-sites) in kidney cortex
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- 398P Bowen WP, Medhurst AD, Baines IA & Hunter AJ Agmatine, a putative endogenous ligand for imidazoline sites (I-sites) has very low affinity for I-sites in rabbit, dog and rat tissues
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 Release of superoxide anions in coronary resistance
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- 434P Chokkukannan K, Wainwright CL & Zeitlin IJ A comparison of infarct size and ET-1 release in hearts isolated from normocholesterolaemic and genetically hyperlipidaemic rabbits
- 435P **Qi AD & Kwan YW** Current activation and inhibition of L-type Ca²⁺ channel currents by extracellular ATP in guinea-pig single sinoatrial node cells
- 436P Otter DJ & Chess-Williams R The effect of diabetes on cardiac α₁-adrenoceptor subtypes in the rat
- 437P Bufton HR, Lodge D & Kilpatrick IC An initial identification of the voltage-sensitive calcium channels that contribute to the dorsal root-evoked, polysynaptic spinal reflex of the neonatal rat
- 438P Gibson IC & Logan SD Nicotinic responses recorded from sympathetic preganglionic neurones in the neonatal rat spinal cord slice *in vitro*
- 439P **Sithers AJ, Nutt DJ & Hudson AL** Binding of the novel α₂-adrenoceptor agonist [³H]mivazerol: comparison with [³H]clonidine
- 440P Hope PJ, Macmillan S, Patmore L & Sheridan RD Actions of chlormethiazole on voltage-gated sodium currents in mouse neuroblastoma NIE-115 cells
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- 444P Maudsley S & Gent JP Tachykinin activation of a nonselective cation conductance in ND7/23 cells
- 445P **Jordan RE, McKnight AT & Woodruff GN** Investigation of the coupling of the human NK₃ receptor expressed in the CHO cell to the cellular acidification response by the use of the Cytosensor Microphysiometer
- 446P Handy LC, Wallace P, Gaffen Z & Moore PK Effect of 1-(2-trifluoromethylphenyl)imidazole (TRIM) on neuronal, inducible and endothelial isoforms of nitric oxide synthase
- 447P Kelly DC, Asghar AUR, Marr CG, McQueen DS & Perkins MN Excitation of knee joint mechanociceptors by a bradykinin B₁ receptor agonist in interleukin-1b-treated rat knee joints: studies *in vitro*
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- 449P Trail B, Ainsworth K, Blackburn TP, Baxter GS & Kennett GA Are mCPP-induced behaviours 5-HT_{2C} or 5-HT_{2B} receptor-mediated?

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- 455P Bryant CE, Smith D, Paul A & Flower RJ Effect of dexamethasone and brefeldin A on activity and subcellular localization of inducible nitric oxide synthase
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- 457P Andriantsitohaina R, Chasserot S, Schott C, Muller C & Stoclet JC Differential CD₁₄ staining and induction of hyporeactivity by LPS in rat arteries
- 458P **Tolan D & Pyne S** Characterisation of phosphatidic acid phosphohydrolase-2 in airway smooth muscle

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