

ORAL COMMUNICATIONS

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

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- 3P **Harris D, Ralevic V, Kendall DA & Randall MD** Capsaicin and ruthenium red antagonism of anandamide-induced relaxation is blocked by L-NAME in the rat mesenteric arterial bed
- 4P **Ralevic V, Kendall DA, Randall MD, Zygmunt PM, Movahed P & Högestätt ED** Vanilloid receptors on capsaicin-sensitive sensory nerves mediate relaxation to methanandamide in the rat isolated mesenteric bed
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- 16P **Smith PA, Sellers LA & Humphrey PPA** Somatostatin inhibits electrical activity in the murine pancreatic β -cell line, MIN 6, by activation of an inwardly-rectifying K^+ channel
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- 26P **Kirkman E, Sawdon M, Ohnishi M & Watkins P** Effects of morphine on the response to haemorrhage after primary thoracic blast injury in the anaesthetised rat
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- 47P **Gardiner SM, Harty C, Williams P, Pritchard D, Bycroft BW & Bennett T** N-(3-oxododecanoyl)-L-homoserine lactone causes bradycardia in conscious rats
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- 50P **Thorin E, Véquaud P & Farhat N** Involvement of an endothelin-1-dependent anti-apoptotic effect in the proliferative response of cultured endothelial cells to α_2 -adrenergic receptor stimulation
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- 57P **Berry CN, Lorrain J, Lochot S, Delahaye M, Lalé A, Savi P, Lechaire J, Bernat A, Schaeffer P, Herbert JM & O'Connor SE** Antiplatelet and oral antithrombotic activity of SL 65.0472
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- 61P **Chadha A, Atack J, Sur C & Duty S** The 5-HT $_{1B}$ agonist, CP93129, inhibits GABA release from slices of rat globus pallidus and reverses akinesia following intrapallidal administration in the reserpine-treated rat
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- 81P **Visser SAG, Smulders CJGM, van der Graaf PH & Danhof M** Biphasic and dose-dependent *in vivo* time-course of GABA_A receptor-mediated EEG effects of the neurosteroid alphaxalone in rats
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- 94P **Fozard JR, Roindeau C, Hannon JP, Tigani B & Mazzoni L** Mechanism of airway hyperreactivity to adenosine induced by LPS challenge in Brown Norway rats
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- 97P **D'Amico M, Di Filippo C, Solito E, Flower RJ & Perretti M** Lipocortin 1 inhibits myocardial infarct by reducing local neutrophil infiltration
- 98P **Paul-Clark MJ, Lim LHK, Del Soldato P, Burgaud J-L, Flower RJ & Perretti M** NCX-1015, a novel derivative of prednisolone with enhanced anti-inflammatory activity
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102P **Brooks AVS, Mitchell JA & Burke-Gaffney A** Involvement of p38 mitogen-activated protein kinase in interleukin-8 release from human neutrophils

POSTER COMMUNICATIONS

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104P **Garabette ML, Martin KF & Redfern PH** The effect of non-NMDA glutamate receptor stimulation on 5-HT overflow from the SCN of the rat

105P **Nelson RM, Green AR, Lambert DG & Hainsworth AH** The mechanism of inhibition of clomethiazole on ischaemia-induced glutamate release from cerebral cortex *in vivo*

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109P **Thompson KSJ, Martin KE, Sargent BJ, Pascual R, Fernandez I & Heal DJ** BTS 72664: a broad spectrum anticonvulsant as demonstrated in a variety of rat and mouse epilepsy models

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117P **Rabuffetti M, Sciorati C, Tarozzo G, Clementi E, Manfredi A, Ongini E & Beltramo M** Long-lasting neuroprotective effect of caspase-1 inhibition by Ac-YVAD.cmk: involvement of apoptosis and inflammation

118P **Field MJ, McCleary S & Singh L** The selective NMDA NR1/2B antagonist PD 174494 possesses antihyperalgesic and antiallodynic actions in inflammatory and neuropathic models of pain

119P **Small J, Lee K, Gonzalez I, Bramwell S, Singh L, Pinnock RD & Dixon AK** Up-regulation of phosphacan gene expression in the rat lumbar spinal cord following streptozotocin-induced hyperalgesia

120P **Calo' G, Rizzi A, Bigoni R, Marzola G, Guerrini R, Salvadori S & Regoli D** The nociceptive receptor antagonist, [Nphe1]NC(1-13)NH₂, reverses tolerance to systemic morphine-induced analgesia

121P **Bertorelli R, Bastia E, Citterio F, Forlani A & Monopoli A** The μ -opioid receptor response is unaltered in ORL-1 knockout mice

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127P **Schindler M, Harris CA, Hayes B, Papotti M & Humphrey PPA** Immunohistochemical localisation of the adenosine A1 receptor in human brain, spinal cord and trigeminal ganglia

128P **Bell MI, Richardson PJ, Pinnock RD & Lee K** Histamine depolarises cholinergic interneurons in the rat striatum through an H₁ receptor-mediated inward current

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132P **Atkinson PJ, Thomas DR, Hagan JJ, Middlemiss DN & Price GW** [³H]SB-269970 selectively radiolabels 5-HT₇ receptors in mouse, rat and pig brain membranes

133P **Viggers JA, Slater NA, Cheetham SC & Heal DJ** Does phentermine potentiate the reduction in 5-HT reuptake sites produced by *d*-fenfluramine in rat brain?

134P **Coppell AL & Zetterström TSC** Biphasic expression of brain-derived neurotrophic factor gene in rat hippocampus following fluoxetine treatment

- 135P **Thompson KSJ, Martin KF, Sargent BJ, Senar S, Pascual R, Fernandez I & Heal DJ** BTS 72664: ligand binding and enzyme activity show no specific affinity; [⁸⁶Rb] efflux from depolarised synaptosomes indicates a membrane depolarisation effect
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- 153P **Lightowler S, Easton N & Kennett GA** Investigation of the contribution of 5-HT_{2B} receptor activation to the activity of Ro 60-0175 in the rat social interaction model of anxiety
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- 155P **Lane EL, Prow MR, Aspley S, Kilpatrick IC & Heal DJ** *d*-Fenfluramine releases 5-HT from whole blood of rats as measured by *in vitro* microdialysis
- 156P **Lane EL, Viggers JA, Prow MR, Jackson HC, Cheetham SC, Kilpatrick IC & Heal DJ** The effect of *d*-fenfluramine on food intake and some 5-HT neurochemical parameters in the rat
- 157P **Prow MR, Aspley S, Butler SA, Rowley HL, Kilpatrick IC & Heal DJ** The use of behavioural correlates in mice to differentiate psychostimulants, hallucinogens and entactogens
- 158P **Thompson KSJ, Phillips I, Martin KF, Sargent BJ & Heal DJ** BTS 72664: its mode of action deduced from rat cortical wedge, rat hippocampal slice and mouse cortical neurone patch clamp studies
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- 162P **Marshall JWB, Jones EJ, Duffin KJ, Green AR & Ridley RM** The low affinity NMDA receptor antagonist ARR 15896AR reduced hemineglect and infarct size in a primate model of stroke
- 163P **Akhondzadeh S, Shabestari OL & Farzanehgan ZM** Potentiation of muscimol-induced long-term depression by diazepam and chlordiazepoxide
- 164P **Lapiz MDS, Mateo Y, Parker TL & Marsden CA** Noradrenergic involvement in the exploratory behaviour of isolation reared rats
- 165P **Morrone LA, Romanelli L, Amico MC & Valeri P** Inhibitory effect of the adenosine A₁ and κ -opioid systems on the expression of the μ -withdrawal response in the guinea-pig ileum: reversal by cholecystokinin
- 166P **Lucas-Teixeira VA, Vieira-Coelho MA, Serrão P & Soares-da-Silva P** Sensitivity of intestinal Na⁺-K⁺ ATPase to inhibition by dopamine in spontaneous hypertensive and Wistar-Kyoto rats
- 167P **Sampaio-Maia MB & Soares-da-Silva P** Mouse neuroblastoma Neuro 2A cells take up L-DOPA through the L-type amino acid transporter
- 168P **Sampaio-Maia MB & Soares-da-Silva P** Ca²⁺/calmodulin-mediated pathways regulate the uptake of L-DOPA in mouse neuroblastoma Neuro 2A cells

- 169P **Gomes P & Soares-da-Silva P** Effects of dopamine upon intracellular pH in opossum kidney (OK) cells
- 170P **Gomes P & Soares-da-Silva P** Transepithelial flux of sodium and handling of L-DOPA in renal epithelial cells
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- 172P **Tough IR & Cox HM** Functional studies with the somatostatin (SRIF) sst₂ receptor antagonist, L-Tyr⁸-Cyanamid-154806 in rat colonic mucosa
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- 174P **Lodge CS, Moran AE, Hodder SJ, Hanson PJ & Brown JF** Effects of nitric oxide releasing non-steroidal anti-inflammatory drug derivatives on secretory activity in rat gastric epithelial cells
- 175P **Hutchinson DS, Papaioannou M, Evans BA, Lowell BB & Summers RJ** Relaxation to β -adrenoceptor agonists in ileum from β_3 -adrenoceptor knock-out mice is mediated by β_1 -adrenoceptors
- 176P **Uhrenholt TR & Nedergaard OA** Role of N- and L-type calcium channels in the release of noradrenaline from sympathetic neurons in rabbit carotid artery
- 177P **Westfall TD, Sarkar S, Ramphir N, Westfall DP, Sneddon P & Kennedy C** Characterisation of the ATPase released during sympathetic nerve stimulation of the guinea-pig isolated vas deferens
- 178P **Westfall TD, Liberman R, Waterson S, Westfall DP, Sneddon P & Kennedy C** Release of ATPase from the rabbit vas deferens during sympathetic nerve stimulation
- 179P **Blethyn K, Dickinson K, Jones RB & Heal DJ** Evidence to demonstrate that lactate production can be used as a metabolic rate marker in immortalised C₂C₁₂ skeletal muscle myocytes *in vitro*
- 180P **Webb RJ, Churchill GC & Galione A** Nicotinic acid adenine dinucleotide phosphate degradation in mammalian tissue
- 181P **Whiteman M, Spencer JPE & Halliwell B** Mechanism of peroxynitrite toxicity to human cultured synovial fibroblasts: a comparison with hypochlorous acid
- 182P **Anthony DM & Jones RB** BTS 67 582, an anti-diabetic agent, is more effective in lowering plasma glucose than the second-generation sulphonylurea, glibenclamide, in *ob/ob* mice
- 183P **Jarajapu YPR, Coats P, MacDonald A, Hiller C & McGrath JC** Increased α_1 and α_2 -adrenoceptor-mediated contractile responses of human skeletal muscle resistance arteries in chronic limb ischaemia
- 184P **Brawley L, Shaw AM & MacDonald A** Atypical β -adrenoceptor-mediated vasorelaxation in rat isolated aorta may involve a cAMP-independent pathway
- 185P **Seyfarth T, Heinroth-Hoffmann I, Gerbershagen H-P, Pönicke K & Brodde O-E** Right ventricular β -adrenoceptors in monocrotaline-treated rats
- 186P **Brown T, Bunton D, MacDonald A & Shaw AM** 5-HT_{1D}-like receptor in bovine pulmonary supernumerary arteries
- 187P **Le Grand B, Panissié A, Perez M, Pauwels PJ & John GW** Zolmitriptan stimulates a Ca²⁺-dependent K⁺ current in C6 glioma cells stably expressing recombinant human (h) 5-HT_{1B} receptors
- 188P **Geerts IS, Fret HR, Herman AG & Bult H** Collar placement increases 5-HT_{1B} receptor mRNA level in the rabbit carotid artery
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- 190P **van den Broek RWM, Maassen VanDenBrink R, de Vries R & Saxena PR** Differential effects of the 5-HT_{1B} receptor antagonist SB224289 on sumatriptan-induced contractions in human blood vessels relevant to antimigraine therapy
- 191P **Ebrahim Z, Yellon DM & Baxter GF** Bradykinin-induced cardioprotection is attenuated in the rat hypertrophied heart
- 192P **Wu D, Stassen JM, Daemmgen J & Doods H** Effects of BIIB513 on ischaemia-induced arrhythmias and myocardial infarction in anaesthetised rats
- 193P **Hamilton CA, Berg G, Butler J, Pathi V, Reid JL & Dominiczak AF** Does superoxide attenuate carbachol-mediated relaxations in human radial arteries?
- 194P **Bell JP, Mosfer SI, Lang D & Lewis MJ** Vitamin C improves endothelial function in a pressure overload model of left ventricular hypertrophy in the guinea-pig
- 195P **Sand C, Pfaffendorf M & van Zwieten PA** The protective effect of thiol-containing compounds against oxygen stress-induced decrease of contractile force in rat isolated left atria
- 196P **Spencer JPE, Whiteman M, Jenner P & Halliwell B** 5-S-Cysteinyl-conjugates of catecholamines induce oxidative stress and delayed cell death in mesencephalic dopaminergic cells
- 197P **Laight DW, Desai KM, Änggård EE & Carrier MJ** Assessment of nitrate tolerance and total antioxidant status in the rat *in vivo*
- 198P **Crauwels HML, Van Hove CE, Herman AG & Bult H** Acetylcholine-induced relaxation in the carotid and the femoral artery of the mouse
- 199P **Eseh-Sumbele P, Evans AT & McCurrie JR** Oestrogen-induced relaxation in primate aorta
- 200P **Wiley KE & Davenport AP** The effects of novel nitric oxide donors the NONOates on endothelin-1-induced contractions and binding characteristics in human tissue
- 201P **Maguire JJ, Telyatnikova N & Davenport AP** Role for chymase in the conversion of big endothelin-1 to biologically active endothelin peptides by endothelium-denuded human umbilical vein *in vitro*
- 202P **Spiers JP, Dorman A, Allen JD, Kelso EJ, McDermott BJ & Silke B** Increased transient expression of endothelin-1 in ventricular myocardium isolated from an experimental model of endotoxic shock
- 203P **Woods M, Walcot NR, Wood EG, Mitchell JA & Warner TD** IL-4 and IL-13 modulate cytokine-induced endothelin-1 production in human vascular smooth muscle cells
- 204P **Gardiner SM, Kemp PA, March JE & Bennett T** Regional haemodynamic responses to ganglion blockade in conscious, hypertensive transgenic rats
- 205P **Katugampola SD & Davenport AP** Angiotensin receptors and alternative pathways for the local generation of angiotensin II in the human left ventricle

- 206P **Choppin A & Eglen RM** Pharmacological characterisation of muscarinic receptors in feline and human isolated ciliary smooth muscle
- 207P **Lancaster AV, Mair D, Lansdell KA, Fillard N, Fraser S, Templeton D, Parker S, Templeton AGB & Patmore L** Effects of primaquine diphosphate and erythromycin on the cardiac action potential recorded in ovine and canine Purkinje fibres and guinea-pig papillary muscles
- 208P **Donaldson F, McEvoy L, Lang D & Lewis MJ** An aortic-banded pressure overload model of left ventricular hypertrophy in the rat: vascular responses proximal and distal to the stenosis compared
- 209P **Becker K, Giessler C, Pönicke K & Brodde O-E** Inositol phosphate formation in rat thoracic and abdominal aorta
- 210P **van der Lee R, Pfaffendorf M, van Montfrans GA, van Lieshout JJ, Koopmans RP & van Zwieten PA** Comparison of the differential time course of nifedipine in human and rat vascular models
- 211P **Rinia-Feenstra M, Pfaffendorf M, van Gulik TM, de Mol BAJM & van Zwieten PA** Time-dependent changes of the functional properties of isolated saphenous vein preparations exposed to various preservation solutions
- 212P **Sadaba R, Ishola A, Munsch C, Pacaud P & Beech DJ** Block of thromboxane A₂-induced contraction by a Rho-kinase inhibitor in human internal mammary artery
- 213P **Bischoff A, Meyer zu Heringdorf D, Jakobs KH & Michel MC** Sphingosine-1-phosphate-induced vasoconstriction in anaesthetized rats is pertussis toxin-sensitive
- 214P **Richards GR, Glen CD, Brady G, Burnham M, Edwards G, Gardener MJ, Lloyd J & Weston AH** Identification of Na⁺, K⁺ ATPase subtypes in rat hepatic and mesenteric arteries
- 215P **Jones H, Page CP & Paul W** A comparison of poly-L-lysine (PLL) and *Alternaria tenuis*-induced responses in rabbit skin
- 216P **Damazo AS, Tavares de Lima W & Oliani SM** Pharmacological modulation of inflammatory cells and vascular permeability during allergic reaction in rat airways
- 217P **Gray PA, Warner TD, Vojnovic I, Parikh A, Scadding G, Del Soldato P & Mitchell JA** Leukotriene production in human blood is reduced by NO-aspirin but not aspirin: comparisons between responses in healthy volunteers and aspirin-sensitive asthmatics
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- 219P **Foster PA & Brain SD** The role of intercellular adhesion molecule (ICAM) in nerve growth factor (NGF)-induced hyperalgesia
- 220P **Bailey SA & Cunningham FM** Stimulated equine eosinophils produce IL-1 and TNF α -like activity: effects on endothelium-dependent adherence
- 221P **Whelan CJ & Klee S** Inhibition of tumour necrosis factor α (TNF α) release by drugs used in the treatment of ulcerative colitis (UC)
- 222P **Underwood SL, Haddad E-B, Dabrowski D, Webber S, Foster M & Belvisi MG** Sephadex-induced airway eosinophilia in the rat: molecular and cellular characterisation of the model
- 223P **Hele DJ, Birrell MA, Webber SE, Foster M & Belvisi MG** Mediator involvement in antigen-induced microvascular leakage into the airways and bronchospasm in ovalbumin sensitised Brown Norway rats
- 224P **Birrell MA, Battram CH, McCluskie K, Pecoraro M, Webber SE, Foster ML & Belvisi MG** Effect of the P38 kinase inhibitor, SB 203580, on sephadex-induced airway inflammation in the rat
- 225P **Birrell MA, Battram CH, Haddad E B, McCluskie K, Bohme GA, Webber SE, Foster ML & Belvisi MG** The role of inducible nitric oxide synthase in sephadex-induced airway inflammation in the rat
- 226P **Getting SJ, Flower RJ & Perretti M** A natural agonist of the MC3 receptor inhibits acute inflammation
- 227P **McCluskie K, Haddad E-B, Birrell MA, Webber SE & Foster M** The effect of the seleno-organic compound Ebselen on LPS-induced airway inflammation
- 228P **Toward TJ & Broadley KJ** The role of NO on changes in airway reactivity induced by exposure of guinea-pigs to inhaled LPS
- 229P **Brown C, Kilty I & Jenkinson S** Regulation of 15-lipoxygenase isoenzymes by cytokines in human cultured normal bronchial epithelial cells
- 230P **Lewis CA & Broadley KJ** Comparative effects of the leukotriene D₄ receptor antagonists iralukast and zafirlukast in a model of ozone-induced airway hyperreactivity and inflammation
- 231P **Purbrick S, Williams RG, McKnight AT & Meecham K** Synergistic effects of the two non-peptide tachykinin antagonists, CI-1021 and GR 159897, on capsaicin-induced bronchoconstriction in the anaesthetised guinea-pig
- 232P **Christophe B, Gillard M, Smeyers D, Carlier B, Chatelain P, Peck M & Massingham R** Influence of receptor reserve on H₁-histamine antagonism by cetirizine: comparison between isolated guinea-pig trachea and ileum
- 233P **Keogh J & Cuthbert AW** Stimulation of chloride secretion in murine colonic and nasal epithelia by chlorzoxazone
- 234P **Whiteman M, Ketsawatsakul U & Halliwell B** Enhancement of thiol and disulphide-mediated peroxynitrite-dependent α_1 -antiproteinase inactivation by bicarbonate
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- 237P **Thomas JM, Churchill GC, Lad CJ & Galione A** Pharmacological characteristics of [³²P] cADPR binding to sea urchin egg homogenate
- 238P **Marchant JS, Callamaras N & Parker I** Characterization of an inositol 1,4,5,-trisphosphate-sensitive calcium store in *Xenopus tropicalis* oocytes
- 239P **Correa V, Marwood RD, Shuto S, Riley AM, Jenkins DJ, Potter BVL & Taylor CW** Potent analogues of adenophostin A that release the intracellular Ca²⁺ stores of hepatocytes
- 240P **Morris SA, Adkins CE, De Smedt H, Sienaert I, Török K & Taylor CW** Identification of calmodulin-binding sites in type 1 inositol 1,4,5-trisphosphate receptors

- 241P **Adkins CE & Taylor CW** Types 1, 2 and 3 inositol 1,4,5-trisphosphate receptors are inhibited by Ca^{2+} -calmodulin
- 242P **Alder JT, Johansson AM & Strange PG** The relative binding affinities of a series of 2-(dipropylamino) tetralins at the human 5-HT_{1A} receptor expressed in CHO cells
- 243P **Porter RHP, Allen NH, Lamb H, Revell D & Malcolm CS** Characterisation of recombinant human 5-HT_{2C} edited (VSV) and unedited (INI) receptors
- 244P **Islam A, Thompson KSJ, Akhtar S & Handley SL** Antisense oligodeoxynucleotide to rat glucocorticoid receptor, given ICV in polymer microspheres, reduces glucocorticoid- and increases 5-HT_{2A}-receptor binding
- 245P **Roberts JC, Thomas DR, Hagan JJ & Leslie RA** Autoradiographic localisation of the 5-HT₇ receptor in the guinea-pig brain using [³H]SB-269970
- 246P **Smith P, Eglen RM & Nahorski SR** Human muscarinic M₅ and M₃ cholinergic coupling to G-protein and phospholipase C activation
- 247P **Ward SDC & Hulme EC** Carbachol and acetylcholine may have different modes of interaction with mutant M₁ muscarinic acetylcholine receptors
- 248P **Tränkle C, Mynett A, Weyand O, Popham A, Lazareno S, Mohr K & Birdsall NJM** A filtration assay for the routine measurement of the binding of a radiolabelled allosteric ligand to the allosteric site on M₂ muscarinic receptors
- 249P **Stevens EB, Pinnock RD & Lee K** The voltage-gated sodium channel β 3 subunit modulates α 1II channel gating in *Xenopus* oocytes
- 250P **Shah BS, Pinnock RD, Lee K & Dixon AK** The voltage-dependent sodium channel subunit β 3 is the predominant β subunit expressed during development in rat CNS
- 251P **Robinson AJ & Dickenson JM** Pertussis toxin-sensitive activation of MAP kinase by the histamine H₁ receptor in DDT₁MF-2 cells
- 252P **Camacho J & Rees S** Characterisation of neuropeptide NPY₁ and NPY₂ receptor-mediated stimulation of a mitogen-activated protein kinase reporter gene in CHO cells
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- 254P **Rae A & Tobin AB** Comparison of the abilities of partial agonists to mediate phosphorylation and desensitisation of a G_q-coupled receptor
- 255P **Wilson J, Javitch JA & Strange PG** Effect of a point mutation in the third intracellular loop of the human dopamine D_{2short} receptor on agonist affinity, potency and efficacy
- 256P **Dickenson JM** Adenosine A₁ receptor-mediated activation of protein kinase B in DDT₁MF-2 cells
- 257P **Willets JM, Matharu A-L and Kelly E** [³H]-ZM 241385 binding to endogenous A_{2A} adenosine receptors is regulated by agonist pretreatment and GRK2
- 258P **Ralevic V** Prolonged phase of vasodilatation to ATP in rat mesenteric bed is attenuated by P2X receptor desensitization but does not involve capsaicin-sensitive sensory nerves
- 259P **Hibell AD, Michel AD, Xing M & Humphrey PPA** Slow closure of the P2X₇ receptor ion channel and its association with agonist potency
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- 261P **Selmer I-S, Schindler M, Humphrey PPA, Waldvogel H, Faull RLM & Emson PC** Immunohistochemical localisation of the somatostatin sst₄ receptor in rat and human brain
- 262P **Smith PA, Sellers LA & Humphrey PPA** Proliferation of pancreatic β cells is inhibited by somatostatin sst₂ receptors via a mechanism involving SAPK activation and the dephosphorylation of ERK1/2?
- 263P **Sellers LA, Alderton F, Schindler M & Humphrey PPA** Opposing proliferative effects of somatostatin sst_{2(A)} and sst_{2(B)} receptor isoforms are mediated by differential activation of p38 or Akt pathways
- 264P **Smalley KSM, Sellers LA, Koenig JA, Feniuk W & Humphrey PPA** Agonist-specific desensitisation of the human somatostatin sst₄ receptor may be accounted for by receptor phosphorylation and not internalisation
- 265P **Hein P, Cotecchia S, Goepel M & Michel MC** Inverse agonism at α_{1B} -adrenoceptors: quinazolines *vs* non-quinazolines
- 266P **Bagrij T & Barrand MA** Characteristics of reduced glutathione efflux from human lung tumour cells containing different amounts of multidrug resistance-associated protein, MRP1
- 267P **Hladky SB, Patel K & Barrand MA** Intracellular pH in a MRP1 overexpressing lung tumour cell line
- 268P **Arkle S & Douzenis A** Effects of calmidazolium and 17 β -oestradiol on amylase release and permeabilisation to ethidium bromide in ATP-stimulated rat parotid acini *in vitro*
- 269P **Brough SJ, Jewitt F, Jerman JC & Smart D** Characterisation using FLIPR of a bombesin receptor endogenously expressed in CHO-DG44 cells
- 270P **Danahay H, Bridges RJ & Poll CT** Protease-mediated inhibition of chloride secretion in T84 human colonic cells
- 271P **Tran C, Achan V, Birdsey G, Santa Maria J, Leiper J & Vallance P** Retinoic acid increases NO production in endothelial cells and induces DDAH II gene expression: possible mechanism for NO regulation during development
- 272P **Corteling R & Trifilieff A** Differential proliferative response to protease activated receptor (PAR) agonists on guinea-pig tracheal cultured smooth muscle cells
- 273P **Marston DL & Strange PG** Increase in dopamine D_{2S} receptor and G protein levels following sodium butyrate treatment of a recombinant CHO cell line
- 274P **Solanki PK, Rakovic S, Galione A & Terrar DA** Possible regulation of cardiac ADP-ribosyl cyclase by cGMP-dependent mechanisms
- 275P **Ditchfield CM, Pillary TS, Savill J & Hall IP** IGF-1 mediated inhibition of apoptosis in rat mesangial cells
- 276P **Langmead CJ, Ratcliffe SJ, Jones DNC & Herdon HJ** Characterisation of binding of [¹²⁵I] prolactin-releasing peptide (PrRP-20) to GPR10, a novel G-protein coupled receptor

277P **Handford EJ, Stanton JA, McAllister G & Beer MS** Agonist-induced [³⁵S]GTPγS binding mediated by the hEdg2 receptor

278P **Stanton JA, Handford EJ, Salim K, McAllister G & Beer MS** LPA-induced [³⁵S]GTPγS binding mediated by mouse and human hEdg2 receptors

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280P **Rosales R, Fitzgerald WJ & Hladky SB** Kernel density estimation as a method for displaying and interpreting tabulated dwell time data

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