

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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- 193P Morecroft I & MacLean MR Effect of superoxide anion generation on vasodilator and vasoconstrictor responses in perinatal rabbit pulmonary resistance arteries
- 194P Martin W & Mok JSL *In vitro* assessment of superoxide dismutase mimetics
- 195P MacKenzie A & Martin W Assessment of superoxide dismutase mimetic compounds in the rabbit aorta
- 196P Varin R, Mulder P, Richard V, Henry JP & Thuillez C Evidence of oxidative stress-induced endothelial dysfunction in rats with chronic heart failure
- 197P Richard V, Kaeffer N, Artigues C, Henry JP & Thuillez C Prior heat stress increases endothelium-dependent relaxations of rat isolated arteries
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- 199P Scotland RS, Vallance PJ & Ahluwalia A Vascular response of porcine arterial vasa vasorum to vasodilator peptides
- 200P Freslon JL, Mendes A, Desgranges C & Vercauteren J Procyanidin oligomers from grape seed induce NO-dependent relaxation of rat aortic rings via P2Y₁ receptor activation
- 201P Berdeaux A, Karila-Cohen D, Doubois-Randé JL, Hittinger L & Giudicelli JF Ergonovine and the coronary vascular bed in conscious dogs: role of vascular endothelium, nitric oxide and 5-HT receptors
- 202P Stoclet JC, Martinez MC, Ohlmann P, Chasserot S, Kleschyov AL, Schott C, Muller B, Schneider F & Andriantsitohaina R Nitric oxide production and activity in small omental arteries from septic patients
- 203P Barthelmebs M, Loichot C, Nisato D, Cazaubon C, Grima M & Imbs JL, Blood pressure and renal effects of SR 49059, a selective vasopressin V_{1A} receptor antagonist, in hypertension induced by chronic inhibition of nitric oxide synthesis
- 204P Berman RS & Griffith TM Effects of NO synthase inhibition on acetylcholine-induced relaxation in the arterial network of the rabbit isolated ear
- 205P Corriu C, Félétou M, Puybasset L, Berdeaux A & Vanhoutte PM Endothelium-dependent hyperpolarizations after chronic *in vivo* treatment with NO synthase inhibitors
- 206P Valentin JP, Bonnafous R & John GW, Modulation by the endothelium of contractile responses evoked by 5-HT_{1B/D} receptor agonists in the rabbit isolated saphenous vein
- 207P Roberts C, Belenguer A, Middlemiss D & Routledge C Comparison of 5-HT autoreceptor control in guinea-pig dorsal and median raphe innervated brain regions
- 208P Selkirk JV, Scott C, Ho M, Burton MJ, Watson J, Gaster L, Middlemiss DN & Price GW SB-224289, a selective h5-HT_{1B} receptor antagonist with negative intrinsic activity
- 209P Wren PB, Burns NJ, Kelly PAT, Lawrence JA, Olverman HJ & Williams BC Pharmacological characterisation of the 5-HT transporter in rat adrenal medulla
- 210P Moret C & Marien M *In vivo* and *in vitro* characterisation of release-regulating 5-HT autoreceptors in the guinea-pig raphe nucleus and hypothalamus
- 211P Allain H, Bentué-Ferrer D, Reymann JM, Rousselle JC, Massot O, Bourin M & Fillion G Does 5HT-moduline interact with the 5HT_{1B} agonist CP 93,129-induced release of striatal dopamine in rats?
- 212P Hughes ZA & Stanford SC A microdialysis study of the effects of fluoxetine infusion on noradrenaline (NA) efflux in the frontal cortex of saline or DSP-4-treated rats
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- 215P Casellas P, Bouaboula M, Perrachon S, Milligan L, Canat X, Rinaldi-Carmona M, Portier M, Pecceu F, Maffrand JP & Le Fur G A selective inverse agonist for central cannabinoid receptor inhibits MAPK activation stimulated by insulin or IGF1
- 216P Dagher G, Samain E, Bouillier H, Perret C & Safar M, TGF-β1 and bFGF modulate the angiotensin II-induced calcium release in vascular smooth muscle cells from normotensive and hypertensive rats
- 217P Hurley P, McMahon R, Fanning P, O'Boyle KM, Voigt M, Rogers M & Martin F Direct evidence that ligand activation of the human 5-HT_{5A} receptor results in coupling to G-proteins in HEK-293 cells
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- 220P Lauder H, Sellers LA, Fan T-PD, Feniuk W & Humphrey PPA Somatostatin increases vascular smooth muscle cell proliferation in the presence of tyrosine kinase and phosphatase inhibitors
- 221P Wyatt MA, Lauder H, Sellers LA, Feniuk W & Humphrey PPA Functional effects of somato-statin-14 (SRIF) on proliferation of human parietal HGT-1 cells
- 222P Alderton F, Lauder H, Sellers LA, Fan T-PD & Humphrey PPA Angiopeptin antagonises the anti-proliferative effects of SRIF in CHO-K1 cells expressing human recombinant sst₅ receptors

- 223P **Banner KH & Page CP** The anti-proliferative effect of the selective phosphodiesterase (PDE) 4 inhibitor denbufylline, but not theophylline, is reduced by a selective protein kinase A inhibitor
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- 258P **Kankaanranta H, Giembycz MA, Lynch O & Barnes PJ** Activation of extracellular signal-regulated kinases 1 and 2 in human eosinophils: dissociation from spontaneous apoptosis and the enhanced survival of cells afforded by IL-5
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- 260P **Kolesnick R, Halmovitz-Friedman A, Cordon-Cardo C, Bayoumy S, Garzotto M, McLaughlin M, Gallily R, Edwards CK, Schuchman EH & Fuks Z** Lipopolysaccharide induces disseminated endothelial apoptosis requiring ceramide generation
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- 266P **Coutts AA & Pertwee RG** Evidence that cannabinoid-induced inhibition of evoked contractions of the guinea-pig myenteric plexus preparation can be modulated by Ca²⁺ and cAMP
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- 280P **Rose S, Warren D, Walgama O, Maudsley J, Jenner P & Marsden CD** Ropinirole and bromocriptine prevent MPP⁺-evoked hydroxyl radical formation in the rat striatum in vitro
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- 283P **Wyllie MG, Allen LF & Kyprianou N** Induction of prostate apoptosis by doxazosin:   ₁-adrenoceptor-dependent and -independent actions?
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- 285P **Sneddon P, Westfall TD, Todorov LD, Mihaylova-Todorova S, Kennedy C & Westfall DP** The effect of P2-receptor antagonists and ATPase inhibition on sympathetic purinergic neurotransmission in guinea-pig isolated vas deferens
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- 287P **O'Kane EM & Stone TW** Interaction between adenosine A₁ and A₂ receptor-mediated responses on rat hippocampal neurones
- 288P **Lee K, Brownhill V, Dixon AK, Freeman & TC Richardson PJ** Characterisation of a K_{ATP} channel current in rat striatal cholinergic interneurones
- 289P **Harvey J & Ashford MLJ** Differential sensitivity to enflitazone of K_{ATP} currents, activated by diazoxide or leptin, in the insulin secreting cell line CRI-G1
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POSTER COMMUNICATIONS

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- 297P **Pons D, Trillat A-C, Malagie I, Goyvaert E Jacquot C, Hen R & Gardier AM** Higher efficiency of fluoxetine-induced increases in extracellular 5-HT levels in the ventral hippocampus in conscious mice lacking 5-HT_{1B} autoreceptor
- 298P **Trillat A-C, Malagie I, Langlois M, Mathie-Allainmat M, Brémont B, Desaintfuscien E Jacquot C & Gardier AM** Enhancement of SSRIs by 5-HT_{1A} autoreceptor blockade in rats: in vivo microdialysis and behavioural studies
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- 304P **Colado MI, Granados R, O'Shea E, Esteban B & Green AR** The role of temperature in the neuroprotective effect of clomethiazole against MDMA-induced degeneration in rat brain
- 305P **Fink G, Dow RC, Bennie JG, Carroll S McQueen JC** Serotonergic 5-HT_{2A} receptors mediate the oestradiol-induced surge of luteinising hormone-releasing hormone in the rat
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- 307P **Jackson HC, Needham AM & Heal DJ** The 5-HT_{1A} antagonist WAY100635 does not prevent the ability of GR127935 to inhibit the hypothermia induced by the 5-HT_{1B/1D} agonist GR46611 in the guinea-pig
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- 309P **Barton CL & Hutson PH** Effects of WAY100635 on the increase of hippocampal extracellular 5-HT and inhibition of 5-HT synthesis by fluoxetine
- 310P **Kelly PAT, Atherton JF, Bow AC, Cassidy MJA, Doubal FN, Favell EM, Friedmann KT Gambles S, Gubba EM & Ritchie IM** The effects of previous exposure to methylenedioxymethamphetamine upon cerebrovascular dysfunction induced by acute treatment with the drug
- 311P **Javid FA & Naylor RJ** Characterisation of the 5-HT receptors mediating the contractile effect of 5-HT in the terminal region of the rat small intestine
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- 321P **Steinberg R, Souilhac J, Rodier D, Marco N, Alonso R, Emonds-Alt X, Le Fur G & Soubrié P** Evidence for the regulation by NK₂ receptors and NO of striatal acetylcholine release: an in vivo microdialysis study in anaesthetized rats
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- 325P **King PD, Mackay KB, Stretton JL, Campbell CA, Hadingham SJ, Patel SR, Hamilton TC & Hunter AJ** Post-treatment with sumatriptan does not reduce histological or neurological outcome after permanent middle cerebral artery occlusion in normotensive rats
- 326P **Murdoch I, McCulloch J, Graham DI & Dewar D** Preservation of cortical nicotine binding sites but loss of ChAT activity after human head injury

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- 345P **Towers S, Billinton A, Bittiger H, Urban L, Bowery NG** GABA_B receptors in spinal cord and dorsal root ganglia of sciatic nerve axotomised and control rats: localization of receptor protein by autoradiography using [³H]-CGP62349
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- 360P **Chahdi A & Landry Y** Permeabilisation reverses the inhibitory effect of sialic acid depletion on the response of mast cells to amphiphilic peptides
- 361P **Larkman PM & Kelly JS** Investigating the regulation of *in vitro* neonatal rat facial motoneurone excitability by the hyperpolarization-activated current, I_h, with ZD-7288
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- 431P **Harper EA, Gardner B, Griffin EP, Shankley NP & Black JW** Characterisation of the binding of histamine H₃-receptor ligands in guinea-pig cortex and ileal longitudinal muscle myenteric plexus

- 432P **Harper EA, Shankley NP & Black JW** Characterisation of the binding of the histamine H₃-receptor antagonist, [³H]-clobenpropit, to sites in guinea-pig cerebral cortex membranes
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