

COMMUNICATIONS

The author who intended to present the work is indicated by an asterisk (*) on the abstract

- 312P CUTLER, M.G. & DIXON, A.K. Effects of ipsapirone on behaviour of mice during social encounters.
- 313P FONE, K.C.F.*, JOHNSON, J.V., BENNETT, G.W. & MARSDEN, C.A. Ritanserin and proctolin alter the behavioural response to intrathecal 5-methoxy-N,N-dimethyltryptamine in rats.
- 314P PIPER, D.*, UPTON, N., THOMAS, D. & NICHOLASS, J. The effects of the 5-HT₃ receptor antagonists BRL 43694 and GR 38032F in animal behavioural models of anxiety.
- 315P KENNETT, G.A. & CURZON, G. Evidence that mCPP and TFMPP-induced hypophagia is mediated by selective activation of 5-HT_{1C} receptors
- 316P CLARK, M.L.*, DOURISH, C.T., FLETCHER, A. & IVERSEN, S.D. Blockade of postsynaptic 5-HT₁ receptors elicits feeding in satiated rats.
- 317P HEAL, D.J., PROW, M.R.* & BUCKETT, W.R. Measurement of brain MHPG levels suggests that clonidine induces hypoactivity and mydriasis via presynaptic α_2 -adrenoceptors.
- 318P HUNTER, A.J.*, MURRAY, T.K., OSBORNE, J.M., CROSS, A.J. & GREEN, A.R. The effects of chronic administration of oxotremorine and tetrahydroaminoacridine on cholinergic function in the rat.
- 319P BRISTOW, L.J. & BENNETT, G.W. A role for histamine H₃ receptors in histamine-induced hypoactivity in the rat.
- 320P GLOVER, V., CLOW, A.*, OXENKRUG, G.F. & SANDLER, M. Stress can reduce the effect of an irreversible MAO inhibitor in vivo.
- 321P NEWBERRY, N.R.* & GILBERT, M.J. Receptor mediated hyperpolarisations of the rat superior cervical ganglion in vitro are sensitive to pertussis toxin.
- 322P WONG, E.H.F., CASTRO, S., MCKERNAN, R.M. & POAT, J.A. Solubilization of the N-methyl-D-aspartate receptor from rat brain.
- 323P CHAMBERS, J.K.*, FELER, C., EMSON, P.C. & IVERSEN, L.L. Tachykinin receptor subtypes in the rat forebrain.

- 324P HEREPATH, M.L. & BROADLEY, K.J. Differences in desensitization of cardiac β_1 and β_2 -adrenoceptors of kitten atria in vitro.
- 325P ELFELLAH, M.S. & REID, J.L. Regulation of and relationship between β -adrenoceptors, Na-K-ATPase and plasma potassium.
- 326P GAW, A.J.*, HUMPHREY, P.P.A. & WADSWORTH, R. M. 5-HT receptors and contractile responses to nerve stimulation in sheep middle cerebral arteries.
- 327P BOM, A.H.*, SAXENA, P.R. & VERDOUW, P.D. Further characterization of the 5-HT₁-like receptors in the carotid circulation of the pig.
- 328P ABRAHAMSEN, J.* & NEDERGAARD, O.A. Modulation of stimulation-evoked [³H]-noradrenaline release from rabbit isolated ear artery.
- 329P COKER, S.J.* & CHESSE-WILLIAMS, R. Effects of hypothyroidism on ischaemia and reperfusion induced arrhythmias and adrenoceptor responses in rats.
- 330P SAEED, S.A.*, NASREEN, R. & SURIA, A. Synergistic actions of 5-HT and arachidonic acid in platelet aggregation: effect of 5-HT blockers.
- 331P JACOBS, M.*, DUNN, R.C. & BRUCKDORFER, K.R. Low-density lipoproteins but not high-density lipoproteins inhibit EDRF & nitric oxide mediated relaxation of rabbit aorta.
- 332P POLL, C.*, GRIX, S. & COLEMAN, R.A. Do excitatory neuronal prostanoid receptors exist in the guinea-pig ileum?
- 333P SAEED, S.A. New aspects of arachidonic acid metabolism in human placenta.
- 334P SHELDRIK, R.L.G.*, COLEMAN, R.A. & LUMLEY, P. Iloprost - a potent EP₁- and IP-receptor agonist.
- 335P WARNER, T.D.*, de NUCCI, G. & VANE, J.R. Comparison of the survival of EDRF and nitric oxide (NO) within the isolated perfused mesentery of the rat.
- 336P FEATHERSTONE, R.L.*, ROBINSON, C., HOLGATE, S.T. & CHURCH, M.K. Observations on thromboxane receptor-mediated contraction of guinea-pig and human airways by other prostanoids.
- 337P KOZAK, W., MILTON, A.S* & ROTONDO, D. Pyrogenic immunomodulators increase the accumulation of inositol phosphates in monocytes.

- 338P GILLESPIE, J.S. & SHENG, H.* The relationship between the EDRF, the smooth muscle inhibitory factor from the BRP and nitric oxide.
- 339P MERRITT, J.E.*, JACOB, R. & HALLAM, T.J. Divalent cation influx in human neutrophils is stimulated by f-met-leu-phe, PAF and leukotriene B₄.
- 340P HALLAM, T.J.*, JACOB, R. & MERRITT, J.E. Influx of divalent cations into the cytoplasm of human endothelial cells can be independent of receptor stimulation.
- 341P PETTIPHER, E.R.*, HENDERSON, B., EDWARDS, J.C.W. & HIGGS, G.A. Indomethacin enhances proteoglycan loss from articular cartilage in antigen-induced arthritis.
- 342P LANCASTER, D.L., LENNARD, M.S.*, TUCKER, G.T., ADIO, R.A., TAI, K.K., BROADHEAD, G.D. and WOODS, H.F. Inhibition of metoprolol metabolism by chloroquine and other antimalarials.
- 343P PENNINGTON, J.*, SCOTT, A.K., REID, I.W. & HAWKSWORTH, G.M. Substrate dependence of triiodothyronine-induced changes on rat hepatic UDP-glucuronosyltransferase.
- 344P JORDAN, V.C*, LANGAN, S. & ROBINSON, S.P. Metabolism of tamoxifen in rats and mice: a comparison with patients undergoing breast cancer therapy.
- 345P SKETT, P.* & BERRY, L.A. The effect of c-AMP on steroid metabolism in isolated, permeabilised rat hepatocytes.
- 346P WILSON, W.S. Timolol reduces intraocular pressure in the isolated, arterially perfused bovine eye.
- 347P PALIJ, P.*, BULL, D.R., SHEEHAN, M.J., HUMPHREY, P.P.A., MILLAR, J., STAMFORD, J.A. & KRUK, Z.L. A new technique for quantitative measurement of stimulated endogenous dopamine release in brain slices using voltammetry.
- 348P STAMFORD, J.A.*, KRUK, Z.L. & MILLAR, J. Effects of uptake inhibitors on stimulated dopamine release and uptake in the nucleus accumbens studied by fast cyclic voltammetry.
- 349P JONES, G.H.*, HERNANDEZ, T.D., ROBBINS, T.W. & MARSDEN, C.A. Enhanced striatal response to D-amphetamine as revealed by intracerebral dialysis following social isolation in rats.

- 350P WINCH, G.J.B.* & BALFOUR, D.J.K.
Evidence that nicotine does not evoke the release of vesicular dopamine from striatal slices.
- 351P HERDON, H. Regulation of endogenous dopamine release from rat striatal slices by D-2 autoreceptors: effects of forskolin and N-ethylmaleimide.
- 352P SAGGU, H., COOKSEY, J., DEXTER, D.*, JENNER, P. & MARSDEN, C.D. A selective increase in mitochondrial superoxide dismutase in Parkinsonian substantia nigra.
- 353P KWAN, Y.W.*, WADSWORTH, R.M. & KANE, K.A.
Hypoxia and endothelium-mediated changes in the pharmacological responsiveness of sheep circumflex coronary arteries.
- 354P ARMAH, B.I.* & RAVENS, U. Inhibition of the inotropic effects of DPI 201-106 by its methyl-indole derivative (BDF 8784) at the sodium-channels.
- 355P BUCKINGHAM, R.E.* & PARROTT, L.S.
Cromakalim (BRL 34915) inhibits noradrenaline-evoked vasomotion in SHR isolated mesenteric vascular bed.
- 356P WATERS, C.M.*, DOWNING, O.A. & WILSON, K.A.
Effect of hypoxia upon noradrenaline induced calcium accumulation in rat arteries.
- 357P NIXON, G.F., BARR, S.M.*, HAMILTON, C.A. & WADSWORTH, R.M. Is intracellular calcium elevated in dispersed arterial smooth muscle cells from hypertensive rabbits?
- 358P RAMAGE, A.G.* & BALL, S.G. Do angiotensin converting enzyme (ACE) inhibitors fail to cause reflex tachycardia in the cat?
- 359P GARDINER, S.M.*, COMPTON, A.M. & BENNETT, T. Rat calcitonin gene-related peptide (CGRP) causes carotid vasodilation in conscious, unrestrained rats.
- 360P HARLAND, D.*, GARDINER, S.M. AND BENNETT, T.
Brattleboro rats have normal cardiac baroreflex sensitivities that are unaffected by centrally administered vasopressin.
- 361P DISSANAYAKE, V.U.K.*, HUNTER, J.C., HILL, R.G. & HUGHES, J. Characterisation of κ -opioid receptors in the guinea-pig longitudinal muscle-myenteric plexus preparation.
- 362P HOLLINGSWORTH, M.*, EDWARDS, D. & MILLER, M. Effects of ergometrine in rat uterus and involvement of 5-HT receptors.

- 363P NAHORSKI, S.R.*, COOKE, A.M., POTTER, B.V.L., STRUPISH, J. & WILLCOCKS, A.L. Evaluation of myo-inositol (1,4,5)trisphosphorothioate, a novel phosphatase-resistant analogue of myo-inositol (1,4,5)trisphosphate.
- 364P STUBBS, D.*, SMITH, J.W., THOMPSON, M., WILSON, K.A. & DOWNING, O.A. Stimulation of α_1 - but not of α_2 -adrenoceptors causes hydrolysis of phosphoinositides in the femoral vein of the rat.
- 365P AOKI, S., BOUBEKEUR, K., KRISTERSSON, A., MORLEY, J. & SANJAR, S.* Is allergic airway hyperreactivity of the guinea-pig dependent on eosinophil accumulation in the lung?
- 366P HALL, I.P.* & HILL, S.J. Noradrenaline and salbutamol inhibit histamine-induced inositol phospholipid hydrolysis in bovine tracheal smooth muscle.
- 367P BAKHLE, Y.S.*, MANN, R. & BELL, C. Are there dopaminergic nerves in guinea-pig lung?
- 368P NAKAMURA, M.* & SMITH, T.W. Substance P and peripheral inflammatory hyperalgesia.
- 369P LEY, S.J., LIVINGSTON, A. & WATERMAN, A.E.* Changes in plasma cortisol, catecholamines and pain thresholds in sheep with a chronically painful clinical condition.
- 370P PURCELL, W.M.*, HANAHOE, T.H.P. & COHEN, D.L. Effect of amitriptyline on the secretion and uptake of histamine and 5-hydroxytryptamine from rat peritoneal mast cells.
- 371P DOUGLAS, G.J.*, WILLIAMS, K.I. & FLOWER, R.J. What is Gaddum's "substance R"?

P O S T E R C O M M U N I C A T I O N S

- 372P KINGSTON, J., SHARP, T. & GRAHAME-SMITH, D.G. Repeated ECS enhances dopamine D-1 but not D-2 agonist-induced behavioural responses in rats.
- 373P VALE, A.L. & BALFOUR, D.J.K. Studies on the role of brain dopamine systems in the psycho-stimulant response to nicotine.
- 374P GRAHAM, C.A. & BALFOUR, D.J.K. The influence of environmental stimuli on the psychopharmacological response to diazepam.
- 375P TRAYNOR, J.R., HILL, R.G., HUGHES, J., HUNTER, J.C. & RODRIGUEZ, R.E. Delta opioid-binding sites in the spinal cords of various rodents.
- 376P BARTRUP, J.T. & STONE, T.W. Adenosine inhibition of rat hippocampal population potentials is magnesium dependent.
- 377P DEWHURST, D.G. & FAIRCLOUGH, A. Regional brain concentrations of putative amino acid neurotransmitters during catechol-induced seizures.
- 378P LUSCOMBE, G.P., SLATER, N.A., WYNNE, R.D., LYONS, M.B. & BUCKETT, W.R. Inhibition of in vitro [³H]-monoamine uptake by plasma taken from volunteers dosed with the putative anti-depressant sibutramine HCl.
- 379P HEAL, D.J., JONES, S.A. & BUCKETT, W.R. Administration of sibutramine HCl and other antidepressants including ECS decreases cortical β_1 - but not β_2 -adrenoceptors.
- 380P O'NEILL, H.C., LANE, A.C., MOTTRAM, D.R. & DEARDEN, J.C. [³H]UK14,304 binding to rat brain membranes in physiological salt solution.
- 381P VIGE, X. & BRILEY, M. Loss of scopolamine-induced up-regulation of muscarinic receptors by Meynert lesions in the rat.
- 382P LAMBERT, Y. & GOWER, A.J. Antagonism of scopolamine-induced impairment of swimming maze learning in mice.
- 383P JONES, J.A., HUNTER, A.J., HUTSON, P.H. & CROSS, A.J. The effects of 4-aminopyridine on acetylcholine release in vivo and in vitro.

- 384P FLETCHER, A., FORSTER, E.A., BILL, D.J. & BILLINGSLEY, A.J.
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- 385P WHITTINGTON, M.A. & LITTLE, H.J.
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- 386P DASHWOOD, M.R., GILBEY, M.P., JORDAN, D. & RAMAGE, A.G.
 Autoradiographic localisation of 5-HT_{1A} binding sites in the brainstem of the cat.
- 387P HUTSON, P.H., SARNA, G.S., O'CONNELL, M.T. & CURZON, G.
 Decrease of hippocampal 5-HT release following infusion of 8-OH-DPAT into the dorsal raphe.
- 388P HEATON, J.C.P., NJUNG'E, K. & HANDLEY, S.L.
 Behavioural profile of 1-(2,5-dimethoxy-4-iodophenyl)-2-aminopropane (DOI), a selective 5-HT₂ agonist.
- 389P CRITCHLEY, M.A.E., NJUNG'E, K. & HANDLEY, S.L.
 Prevention of 8-OH-DPAT anxiogenic effect by ipsapirone and by 5-HT₁ antagonist β -adrenoceptor antagonists.
- 390P COSTALL, B., NAYLOR, R.J. & TATTERSALL, F.D.
 The antiemetic actions of 5-HT₃ receptor antagonists are enhanced by fenfluramine.
- 391P BARNES, N.M., COSTALL, B. & NAYLOR, R.J.
 [³H]-zacopride identifies 5-HT₃ binding sites in rat entorhinal cortex.
- 392P CRESPI, F., SLEIGHT, A.J., MARTIN, K.F., MARSDEN, C.A.
 Further evidence that nafion coated carbon fibre electrodes measure extracellular 5-HT in vivo.
- 393P HALES, T.G., LAMBERT, J.J. & PETERS, J.A.
 5-HT-induced currents in NCB-20 neuroblastoma hybrid cells and their blockade by a 5-HT₃ receptor antagonist.
- 394P MOORE, J., NAHORSKI, S.R. & STRUPISH, J.
 Characterisation of dopamine D₂ receptors regulating tyrosine hydroxylase in striatal slices.
- 395P BAIRD, J.G. & NAHORSKI, S.R.
 A selective role of muscarinic receptors in K⁺-evoked inositol tetrakisphosphate accumulation in cerebral cortex.
- 396P JACKSON, H.C. & KITCHEN, I.
 Bombesin: effects on behaviour and food intake in neonatal rats.

- 397P BALDWIN, H.A., KILPATRICK, G.J., JONES, B.J. & FILE, S.E. Brain uptake of 2-[¹⁴C]-deoxyglucose after chronic treatment with chlordiazepoxide.
- 398P LALIES, M. MIDDLEMISS, D.N., & RANSOM, R. MK-801 is a potent antagonist of NMDA-stimulated noradrenaline release from rat hippocampal slices.
- 399P BARNES, J.M., COSTALL, B. & NAYLOR, R.J. The neurotoxicity of MPTP and MPP⁺ in marmoset cell cultures.
- 400P BARNES, J.M., COSTALL, B. & NAYLOR, R.J. Antagonism by mazindol of MPTP induced neurotoxicity in rat cell cultures.
- 401P FONE, K.C.F., JOHNSON, J.V., BENNETT, G.W. & MARSDEN, C.A. Distribution of calcitonin gene-related peptide in rat and rabbit spinal cords.
- 402P HART, S.L., FRIEND, S.C., GIBSON, A. & COWAN, D.A. The effect of an anabolic steroid and chronic exercise on nociception and plasma corticosterone levels in rats.
- 403P LAWRENCE, R.A. & JONES, R.L. Prostacyclin analogues contract guinea-pig ileum longitudinal smooth muscle by more than one mechanism.
- 404P ARMSTRONG, R.A. & JONES, R.L. Potentiation by AH6809 of iloprost-induced rises in platelet cyclic AMP levels.
- 405P TIPPINS, J.R., Di MARZO, V. & MORRIS, H.R. Bradykinin-stimulated release of peptidoleukotrienes from rat lung and its inhibition by vasoactive intestinal peptide.
- 406P LUGNIER, C. & SCHINI, V. Characterization of cyclic nucleotide phosphodiesterases in cultured bovine aortic endothelial cells.
- 407P MELARANGE, R. & GILLETT, J.L. The relationship between endogenous glucocorticoids and eicosanoid formation in alterations to gastric mucosal integrity.
- 408P HILL, J.M. & SPRAGGS, C.F. Prostaglandin E₂ and PGD₂ have opposing actions on short circuit current in rat isolated colonic mucosa.
- 409P COLLINS, P.D., WILLIAMS, F.M., TANNIERE, M. & WILLIAMS, T.J. Investigation of the role of neutrophils and PAF in oedema formation induced by acute ischaemia of the rabbit myocardium.

- 410P BRUCKDORFER, K.R., DUNN, R.C. & JACOBS, M. Endothelium-dependent relaxation and low-density lipoproteins: the importance of receptor-mediated endocytosis and oxidation?
- 411P THOMAS, K., BOOT, J.R., WOODHOUSE, S. & BAKER, S.R. The pharmacology of N-methyl LTC₄, a possible LTC₄ mimetic.
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- 413P BEDWELL, S., SHELL, D.J., HOLGATE, S.T. & ROBINSON, C. Observations of the metabolism of prostaglandin D₂ and 9α-lipoxygenase-prostaglandin F₂ in human lung.
- 414P LINDSAY, C.K., MILTON, A.S. & ROTONDO, D. Thermoregulatory responses of endotoxin-resistant mice to Poly I:C and endotoxin.
- 415P BAJKA, E., CRUZ, E. & WILLIS, A.L. Effects of intravenous and oral administration of the prostacyclin-mimetic RS93427 in baboons.
- 416P WOOD, B.E., GRIFFITHS, R.J., LI, S.W., BLACKHAM, A. & ENTWISTLE, N. Effect of phenidone, indomethacin and dexamethasone on zymosan induced peritoneal inflammation in the rat.
- 417P SMITH, D.L., NGUYEN, N., FULKS, J. & WILLIS, A.L. The prostacyclin mimetic RS93427 selective inhibition of platelet mitogen release from human platelets.
- 418P LATEGAN, T.W., CAUVIN, C., WALLNOFER, A. & RUEGG, U.T. SMS 201-995 may activate the K⁺ channels of vascular smooth muscle.
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- 420P KINGSBURY, M.P., DRAPER, A.J., REDFERN, P.H. & TODD, M.H. Chronic effects of atenolol in Wistar rats.
- 421P HUSSAINI, I., BHARDWAJ, R. & MOORE, P.K. Effect of fibrinopeptides A and B on human and rat platelet aggregation.
- 422P TIPPINS, J.R., CLARKE, J., LARKIN, S., YACOB, M. & MASERI, A. Investigation of the action of neuropeptide Y in the isolated human coronary artery.
- 423P COLLIS, M.G., CULVER, J.C. & HOLMES, S. Comparison of affinity of 8-substituted xanthines for adenosine receptors in atria from rats and guinea-pigs.

- 424P STUBBS, D., SMITH, J.W., DOWNING, O.A. & WILSON, K.A. Sources of calcium for contraction of rat femoral vein to α_1 - and α_2 -adrenoceptor stimulation.
- 425P MARRIOTT, J.F. & MARSHALL, J.M. The influence of hypoxia on acetylcholine-induced relaxation in a range of rabbit arteries.
- 426P BILSKI, A.J., HATTON, R., MOORS, J. NUTTALL, A. & SHAW, G. The chronotropic properties of epanolol in the anaesthetised dog.
- 427P GILANI, ANWAR-ul-HASSAN. Interaction of himbacine with acetylcholine at muscarinic receptors of rabbit aorta.
- 428P RANDALL, M.D. & HILEY, C.R. Detergent abolishes carbachol vasodilation and changes pressure/flow relations in situ in rat superior mesenteric arterial bed.
- 429P MACLEAN, M.R. & HILEY, C.R. Effects of enalapril on changes in cardiac output and its distribution in pithed rats with hypoxia and hypercapnia.
- 430P ALLCOCK, A.A., FRODSHAM, G. & SIM, M.F. Effects of flosequinan, a novel arteriovenous dilating agent, on cGMP levels in rat isolated aortic strips.
- 431P YATES, D.B. Effects of flosequinan, a novel arteriovenous dilating agent.
- 432P CHESS-WILLIAMS, R. & WINN, M.J. Effect of chronic treatment with atenolol on depressor responses to prazosin the the anaesthetized rat.
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- 434P MCAULEY, M.A., MACRAE, I.M. & REID, J.L. Central cardiovascular effects of neuropeptide Y and clonidine in the rat.
- 435P WILSON, A.N.A. & BROADLEY, K.J. Isoprenaline responses on the guinea-pig artia and the effect of endogenous adenosine.
- 436P URQUHART, R.A. & BROADLEY, K.J. The effects of adenosine and NECA upon noradrenaline and potassium contracted rabbit aorta.
- 437P MORRISON, K.J. & POLLOCK, D. Effects of vasodilators on tone, cyclic guanosine monophosphate levels and phosphatidylinositol hydrolysis in rat aortic rings.

- 438P BOYLE, S.J. & POLLOCK, D. Involvement of guanylate cyclase in overflow of radioactivity in rat atria incubated in [³H]-noradrenaline and [¹⁴C]-choline.
- 439P HICKS, P.E., BARRAS, M., MINARD, M.A. & ARMSTRONG, J.M. Influence of α -adrenoceptors reserve and [K⁺] on the inhibitory effects of cromkalim and nitrendipine in dog saphenous vein.
- 440P URQUART, C.J., WILSON, K.A., DOWNING, O.A. & LORD, J.A.H. Effect of inhibitors of ion transport on 5-HT induced increases in short circuit current in rat isolated jejunum.
- 441P ATTERWILL, C.K. & COLLINS, P. Investigation of aluminium neurotoxicity using rat brain reaggregate cultures.
- 442P AHMAD, B. & NICHOLLS, P.J. Interaction of aminoglutethimide and SKF 525-A in the mouse.
- 443P TINGLE, M.D. & PARK, B.K. The irreversible binding of drugs to protein in the presence of chlorine.
- 444P PRITCHARD, M.P. & HAWKSWORTH, G.M. Ketoconazole toxicity in rat hepatocyte suspensions.
- 445P DUTHIE, S.J. & GRANT, M.H. Toxicity of menadione and mitozantrone in human HEP G2 hepatoma cells.
- 446P ELLIOTT, P.N.C. & ROSTRON, C. The anti-inflammatory activity and distribution of indomethacin following oral and topical administration.
- 447P McQUEEN, D.S. & RITCHIE, I.M. Contribution of arterial chemoreceptors to salicylate-induced hyperventilation in anaesthetized rats.
- 448P WILSON, S.E., HAWKES, J.E., BRADSHAW, D. & WESTMACOTT, D. The effect of sulphasalazine and its metabolites on collagen arthritis in the mouse.
- 449P BALL, S.E., FORRESTER, L., WOLF, C.R. & BACK, D.J. Characterization of the form(s) of cytochrome P-450 involved in oestrogen 2-hydroxylation.
- 450P GUMBLETON, M., NICHOLLS, P.J. & TAYLOR, G. The influence of some laboratory anaesthetics on renal and hepatosplanchnic blood flow in the rat: a microsphere study.
- 451P SHAW, M.A. & NICHOLLS, P.J. Aminoglutethimide and thymus weight in the rat.

- 452P COLEMAN, C.S. & WALLACE, H.M. Resistance of human colorectal cancer cells to the antimetabolite methylglyoxal bis(guanyldrazone).
- 453P MCLEAN, W.G. Inhibition of fast axonal transport by nerve compression in the galactose-fed rabbit is prevented by ICI 128436 (Statil).
- 454P LINDSAY, R.M. & BATY, J.D. The effect of streptozotocin-induced diabetes on the in vitro blood N-acetyltransferase activity of the adult male Sprague-Dawley rat.
- 455P LINDSAY, R.M. & BATY, J.D. The effect of streptozotocin-induced diabetes on the in vivo acetylation capacity of the adult male Sprague-Dawley rat.
- 456P CHANDER, C., CRAIG, D., NAYLOR, I.L. & TURNER, R.L. Isolated strips of human endocervical mucosa - a tissue for investigating myofibroblast drug sensitivity.
- 457P JOHNS, E.J. & RUTKOWSKI, B. The actions of atriopeptin III in models of chronic renal failure.
- 458P JACKSON, D.M., NORRIS, A.A. & SAFRANY, S.T. Studies on the relaxant effects of phorbol diacetate on guinea-pig airways smooth muscle.
- 459P BUTLER, J.M. & BACON, A. Dopamine suppresses the non-cholinergic contraction of electrically stimulated bovine iris sphincter muscle.
- 460P HILL, H., GERAGHTY, I., SCHACHTER, M., HUGHES, A. & SEVER, P. 5-HT induced relaxation in isolated human bronchus.
- 461P MCALPINE, L.G., MCGRATH, J.C., THOMSON, N.C. & WILSON, E.P. Physiologically antagonistic H₁ and H₂ receptor subtypes in rabbit secondary bronchi smooth muscle.
- 462P MCALPINE, L.G. MCGRATH, J.C., THOMSON, N.C. & WILSON, E.P. Calcium dependency of the histamine-induced contraction in rabbit secondary bronchi smooth muscle.
- 463P FRASER, S., KENNY, B.A., KILPATRICK, A.T. & SPEDDING, M. Is fluspiriline a potential ligand for the site of action of class III calcium-antagonists?
- 464P CLARKE, B., DOYLE, C.A., PATMORE, L. & SPEDDING, M. Differential effects of calcium-antagonists on insulin secretion.
- 465P BALL, M.T., BUNCE, K.T. & SPRAGGS, C.F. Neuronal and non-neuronal 5-HT receptors control electrolyte secretion in rat isolated ileal mucosa.

466P BALL, M.T., BUNCE, K.T.
& GUNNING, S.J.
Investigation of the
5-HT receptor type
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467P ALYAMI, A.M. & WOOD, D.
Calcium antagonism by
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guinea-pig ileum.

468P ALTINEL, A., SUER,
A.H., TUGWELL, A.C. &
WALI, F.A. Tetanic
fade and recovery
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induced neuromuscular
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469P WALI, F.A., DARK, C.H.,
ALTINEL, A. & JONES,
C.J. The effect of
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neuromuscular
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phrenic nerve-diaphragm
preparation.

DEMONSTRATIONS

470P BROWN, G.J. & DEWHURST, D.G. A computer-assisted learning program for teaching the electrocardiogram to science undergraduates.

472P BROWN, G.J., COLLINS, G.G.S. & DEWHURST, D.G. A computer-assisted learning program for teaching neuromuscular pharmacology to undergraduates.

471P BASARAB-HORWATH, BROWN, G.J., DEWHURST, D.G. & HALL, J. Automated analysis of drug-induced convulsions.

CONTRIBUTIONS BY TITLE ONLY

473P HEWSON, G., LEIGHTON, G.E., HILL, R.G. & HUGHES, J. 5-HT₂ receptors are involved in quipazine-induced anorexia in the rat.

BLACKBURN, T.P., COX, B., PEARCE, R.J. & THORNBUR, C.W. In vitro pharmacology of ICI 170,809 - a new 5-HT₂ antagonist.

COX, B., PEARCE, R.J., THORNBUR, C.W. & BLACKBURN, T.P. In vivo pharmacology of ICI 170,809 - a new 5-HT₂ antagonist.

TORTELLA, F.C., ESCHEVARIA, E., PASTEL, R.H., COX, B. & BLACKBURN, T.P. Differential effects of ICI 170,809 and ritanserin on 24h EEG sleep patterns in rats.

473P MARTIN, G.R. & LEFF, P. Non-surmountable antagonist behaviour at 5-HT₂ receptors: allosterism or hemi-equilibrium?

BIRCH, P.J., C.J. GROSSMAN & HAYES, A.G. Pharmacology of excitatory amino acid receptors in the rat hemisected spinal cord.

JACKSON, S., BAJKA, E., LOVEDAY, M. & WILLIS, A.L. Automated acquisition and transformation of platelet aggregation data, using commercial software and a portable computer.

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of the positive
inotropic effect of DPI
201-106 by its methyl-
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