

COMMUNICATIONS

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| <p>1P DAVIES, J. & JOHNSTON, S.E.
Antinociceptive effects of a new centrally-acting muscle relaxant DS 103-282 on cat dorsal horn neurones</p> <p>2P DAVIES, J., JOHNSTON, S.E. & LOVERING, R. Inhibition by DS 103-282 of D-$[^3\text{H}]$aspartate release from spinal cord slices</p> <p>3P EGAN, T.M., HENDERSON, G., NORTH, R.A. & WILLIAMS, J.T. Electro-physiological analysis of α_2 adrenoceptor activation in the locus coeruleus</p> <p>4P DE QUIDT, M.E. & EMSON, P.C. Neurotensin potentiates the potassium-stimulated release of $[^3\text{H}]$-dopamine from rat striatal slices in vitro</p> <p>5P HALL, M.D., JENNER, P., KELLY, E. & MARSDEN, C.D. Differential localisation of $[^3\text{H}]$-spiperone and $[^3\text{H}]$-N,n-propylnorapomorphine binding sites in rat striatum and substantia nigra</p> <p>6P KILPATRICK, G.J., MUHYADDIN, M.S., ROBERTS, P.J. & WOODRUFF, G.N. GABA_B binding sites on rat striatal synaptic membranes</p> <p>7P BERRIE, C.P., BLOXHAM, C.A., BIRDSALL, N.J.M. & HULME, E.C. Solubilisation of human striatal dopamine (D₂) receptors</p> <p>8P REYNOLDS, JUDI, WOOD, M.D. & WYLLIE, M.G. Evaluation of synaptosomal dopamine uptake in rat brain</p> <p>9P GARCHA, H.S., GIARDINI, V., PRATT, J.A. & STOLERMAN, I.P. Investigation of the effects of ganglion-blocking agents and methergoline on the nicotine cue in rats</p> | <p>10P BOUGARD, M., MOREL, E. & WORMS, P. The effects of α_1- and α_2-adrenoceptor blocking agents on apomorphine-induced climbing behaviour in mice</p> <p>11P PALOMO, T. & RUSSELL, P.A. Effect of oxypertine versus haloperidol on amphetamine-induced behaviour</p> <p>12P JONES, R.S.G. A specific uptake system for tryptamine in the rat cerebral cortex?</p> <p>13P IRONS, JANE & MARSDEN, C.A. Increased responsiveness to tryptamine in mice fed a tryptophan deficient diet</p> <p>14P GARD, P.R. & HANDLEY, SHEILA L. Effect of withdrawing chronic high dose progesterone on brain tryptophan, 5-hydroxytryptamine and 5-hydroxyindoleacetic acid</p> <p>15P JENNER, P., KERWIN, R., MARSDEN, C.D. & RUPNIAK, N.M.J. Alterations of striatal acetylcholine and glutamate release following acute and chronic neuroleptic administration to rats</p> <p>16P ARBILLA, SONIA, BIANCHETTI, G., GALZIN, ANNE-MARIE, LANGER, S.Z., MORSELLI, P.L. & NOWAK, J.Z. Chronic haloperidol produces supersensitivity of dopamine receptors modulating $[^3\text{H}]$-DA but not $[^3\text{H}]$-ACH release in the rabbit caudate</p> <p>17P GAMBLE, S.J. & WADDINGTON, J.L. Duration of dopamine receptor blockade after a single i.m. depot injection of fluphenazine decanoate</p> |
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The author who intended to present the work is indicated by an asterisk () on the abstract*

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- 19P SIMMONDS, M.A. Neuronal responses to taurine are distinct from those to γ -aminobutyric acid and glycine in rat cuneate nucleus and optic nerve
- 20P MARLEY, E. & WOZNIAK, KRYSZYNA M.
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- 21P MARLEY, E. & WOZNIAK, KRYSZYNA M.
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- 23P BROWN, M.J., CONWAY, E.L. & DOLLERY, C.T. Cardiovascular and plasma catecholamine responses to central and peripheral morphine in conscious rats
- 24P BROWN, N.L. & WORCEL, M.
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- 25P COHEN, R., RIOU, J.P., SACQUET, J., SASSARD, J., SASSOLAS, A. & VINCENT, M. Plasma lipids, ketone bodies and insulin in genetically hypertensive rats of the Lyon strain
- 26P ARMSTRONG, J.M., ATKINSON, J., LANGER, S.Z. & PIMOULE, CARMEN
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- 27P DE JONG, A., SANTING, P.N., TIMMERMANS, P.B.M.W.M. & VAN ZWIETEN, P.A. Physiological role of prejunctional α_2 -adrenoceptors in the heart of spontaneously hypertensive rats
- 28P CAVERO, I. Betaxolol inhibits pressor responses to electrical stimulation of spinal cord, in spontaneously hypertensive rats
- 29P BECKMANN, R., GALLENKÄMPER, W., MANNESMANN, G., SCHRÖR, K., SMITH III, E.F. & THOMSEN, T.
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- 32P HEARSE, D.J., MANNING, A.S. & YAMAMOTO, F. Calcium antagonists and myocardial protection during cardioplegic arrest
- 33P HOPE, F.G., MARSHALL, R.J. & WINSLOW, E. The effects of nifedipine, tetrodotoxin and bepridil on reperfusion-induced arrhythmias in the rat isolated perfused heart
- 34P EDEN, R.J., OWEN, D.A.A. & TAYLOR, E.M. The pharmacology of the two stereoisomers of prazosin
- 35P DEBNAM, E.S. & THOMPSON, C.S.
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- 37P HESSE, I.F.A. & JOHNS, E.J. Evidence for the presence of α_2 -adrenoceptor on the renal vascular smooth muscle of the rabbit
- 38P SHIRLEY, D.G. & WALTER, S.J. A micropuncture study of the renal handling of sodium during chronic hydrochlorothiazide administration in the rat
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- 43P HEDLER, L. MAJEWSKI, H., RUMP, L.C. & STARKE, K. Modulation of noradrenaline release in the rabbit through α -adrenoceptors
- 44P LANGER, S.Z. & MEDGETT, I.C. Subclassification of smooth muscle α -adrenoceptors of the rat tail artery
- 45P DOCHERTY, J.R. Prazosin exhibits α_1 , but not postsynaptic, selectivity in the pithed rat
- 46P HENDRIE, C.A., NOHRIA, V. & RODGERS, R.J. Circadian variation in pain sensitivity in rats may be related to alterations in opiate receptor density
- 47P HAYES, A.G., HILL, R.G., SKINGLE, M. & TYERS, M.B. Further investigations into the properties of agonists for the K opiate receptor
- 48P PRIESTLEY, T., TURNBULL, M.J. & WEI, E. Further *in vivo* evaluation of ICI 154129, an opiate δ -receptor antagonist
- 49P BLAIR, I.A., DOLLERY, C.T., ENNIS, M., HOULT, J.R.S., ROBINSON, C. & WADDELL, K.A. Prostaglandin release in pulmonary anaphylaxis: PGD₂ a marker of mast cell activation *in situ*?
- 50P LENNON, E. ANNE & POYSER, N.L. Production of prostaglandins I₂, F_{2 α} and E₂ by the aorta and vena cava of normotensive and hypertensive rats
- 51P GRIFFITHS, R.J., LOFTS, F.J. & MOORE, P.K. The effect of drugs on the synthesis of 6 oxo prostaglandin E₁
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- 54P BERRY, C.N., BILLINGHAM, M.E.J. & HOULT, J.R.S. Levels of haptoglobin and prostaglandin 'RCF' in the mouse during turpentine induced inflammation
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- 61P BOOBIS, A.R., KAHN, G.C., DAVIES, D.S. & PLUMMER, S. The metabolic activation of aflatoxin B₁ in rat and man
- 62P CALDWELL, J. & COTGREAVE, I.A. The metabolism of ethylenediamine in the rat
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- 65P BARKER, HELEN M. & TAYLOR, R.H. Maltase and sucrase inhibition by acarbose: a paradoxical effect *in vivo*
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- 67P BERRIE, C.P., BIRDSALL, N.J.M., BURGEN, A.S.V. & HULME, E.C. The binding properties of muscarinic receptors in the rat lacrimal gland: comparison with the cerebral cortex and myocardium
- 68P IRELAND, S.J., FORTUNE, D.H. & TYERS, M.B. Influence of 5HT uptake on the 5HT antagonist activity of metoclopramide on the rat superior cervical ganglion
- 69P DAVIDESKO, D., TIMMERMANS, P.B.M. W.M., WILFFERT, B. & VAN ZWIETEN, P.A. α -adrenoceptor-mediated vasoconstriction in the pithed rat induced by stimulation of subclasses of ganglionic muscarinic receptors
- 70P DREW, G.M. & HILDITCH, A. Dopamine receptor modulation on cholinergic transmission in the rabbit rectococcygeus muscle
- 71P GIBSON, A. Biphasic relaxation of the mouse anococcygeus muscle during field stimulation
- 72P BRODDE, O.-E., KARAD, K., ZERKOWSKI, H.-R., ROHM, N. & REIDEMEISTER, J. Chr. Coexistence of β_1 - and β_2 -adrenoceptors in human heart and lung
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- 74P BUNCE, K.T. & SPRAGGS, C.F. α -adrenoceptors and the inhibition by clonidine of intestinal secretion in the anaesthetized rat
- 75P CAROLDI, S., JARVIS, J.A.E. & MAGOS, L. Stimulation of dopamine- β -hydroxylase in rat adrenals by repeated CS₂ exposures

- 76P FILE, SANDRA E. & MABBUTT, P.S. Behavioural effects of Ro 5-4864, a ligand for the "micromolar benzodiazepine receptor"
- 77P PATERSON, I.A. & ROBERTS, M.H.T. The effects of methyl β -carboxylate on the responses to GABA of rat hippocampal neurones
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- 79P GROWCOTT, J.W. & TARPEY, A.V. Evidence that (D-Pro², D-Trp^{7,9})-SP, a putative substance P antagonist, is an antagonist at 'E'-type receptors
- 80P FREEDMAN, S.B., DAWSON, G., MILLER, R.J., VILLEREAL, M.L. & WEST Jr., R.E. Identification and pharmacology of voltage sensitive calcium channels in clonal cell lines
- 81P FERRY, D.R. & GLOSSMANN, H. Tissue-specific regulation of [³H]-nimodipine binding to putative calcium-channels by the biologically active isomer of diltiazem
- 82P GEANEY, D.P., SCHACHTER, M., ELLIOTT, J.M. & GRAHAME-SMITH, D.G. Specific binding of [³H]-lysergic acid diethylamide (LSD) to human platelet membranes
- 83P ENGEL, G., MULLER-SCHWEINITZER, E. & STADLER, P. [¹²⁵I]LSD, a new ligand with selectivity for 5-HT₂ receptors
- 84P MITCHELL, H.W. Reflex changes in breathing to 5-HT in the anaesthetized rat
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- 86P GIBB, A.J. & MARSHALL, I.G. Pre- and postjunctional effects of tubocurarine and trimetaphan involved in tetanic fade at the rat neuromuscular junction
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- 90P SCATTON, B. & SERRANO, A. Inhibitory influence of GABA on striatal serotonergic transmission as evaluated by differential pulse voltammetry in the rat
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- 92P HARRISON-READ, P.E. 'Wet-dog shake' behaviour in rats may reflect functionally-opposed indoleaminergic systems involving different 5-HT receptors
- 93P LLOYD, H.G.E. & STONE, T.W. The effects of some CNS stimulants on dopamine and 5HT release from rat striatal slices

- 94P MORGAN, P.F. & STONE, T.W.
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- 109P LANGER, S.Z., PIMOULE, C. &
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- 110P HANDLEY, S.L. & MITHANI, S.
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- 111P BRIGHT, P., GAFFNEY, T.E.,
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- 113P CROUCHER, M.J., CZUCZWAR, S.J., MELDRUM, B.S. & STONE, T.W. A comparison of the relative anticonvulsant potencies of 2APV and 2APH
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- 115P PERKINS, M.N. & STONE, T.W. Variations of neuronal sensitivity to quinolinic acid within the rat central nervous system
- 116P JONES, R.S.G. & OLPE, H-R. Aging is associated with a decrease in sensitivity of cortical neurones to noradrenaline in the rat
- 117P BALFOUR, D.J.K. & BENWELL, M.E.M. Localization and properties of nicotine binding sites in selected regions of rat brain
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- 121P FAGBEMI, O., KANE, K.A., LEPRÁN, I., PARRATT, J.R. & SZEKERES, L. Antiarrhythmic and electrophysiological effects of meptazinol
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- 123P GRISTWOOD, R.W., OWEN, D.A.A., ROSE, S. & SAMPFORD, K.A. Characterisation of the calcium paradox in the guinea-pig isolated heart
- 124P ALABASTER, C.T. & HENDERSON, C.G. UK-36,327-induced cardiac stimulation in the conscious dog
- 125P ELLIS, P. & JOICE, J.R. UK-36,327: A novel cardiac stimulant agent
- 126P KERR, M.J., HARRON, D.W.G. & SHANKS, R.G. Effects of encainide and its metabolites on ventricular arrhythmias in dogs
- 127P HARVEY, CAROL A. & OWEN, D.A.A. Haemodynamic responses to ibopamine, an orally-active dopamine analogue, in anaesthetized cats
- 128P DALRYMPLE, H.W., HAMILTON, C.A., HANNAH, J.A.M. & REID, J.L. Cardiovascular effects of RX781094 in the rabbit: possible partial agonist effect in addition to α_2 -adrenoceptor antagonism
- 129P CLIFFORD, J.M., FRANK, LEONIE W. & MACKENZIE, J.E. Species differences in the effects of RX781094 on haemoglobin concentration
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- 132P DALTON, D.W., FORTUNE, D.H. & TYERS, M.B. Central cardiovascular effects of 5-hydroxytryptamine in the conscious rat
- 133P KALKMAN, H.O., TIMMERMANS, P.B.M. W.M. & VAN ZWIETEN, P.A. Calcium entry blockade does not inhibit vasoconstriction by serotonin *in vivo*

- 134P VAN MEEL, J.C.A., TIMMERMANS, P.B.M.W.M. & VAN ZWIETEN, P.A. Postjunctional α_2 -adrenoceptors and calcium entry blockade in the isolated perfused hind-quarters of the rat
- 135P THOOLEN, M.J.M.C., TIMMERMANS, P.B.M.W.M., VERSTEEG, D.H.G. & VAN ZWIETEN, P.A. Central and peripheral mechanisms in the clonidine withdrawal phenomenon in the SH rat
- 136P BROADLEY, K.J. & HAWTHORN, M.H. Examination of cardiac β -adrenoceptor subtypes by pharmacological and radio-ligand binding techniques
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- 138P BROWN, R.A., HALL, JANET C., INCE, F., O'CONNOR, S.E. & SMITH, G.W. Stereoselective agonist activity of 5,6-dihydroxy-2-dipropylaminotetralin at peripheral dopamine receptors
- 139P CAVERO, I. Cardiovascular effects of LY141865, a new dopamine receptor agonist, in rats
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- 143P MILLER, LYNNE & SHAW, J.S. The *in vitro* profile of ICI 154129: a selective antagonist at the opiate delta-receptor
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- 148P ZARRINDAST, M.R. Effect of mazindol on the rat vas deferens and anococcygeus muscle
- 149P BROADHURST, A., ENNIS, C. & LATTIMER, N. Paradoxical agonist effect of phentolamine
- 150P STONE, T.W. Effects of adenosine derivatives on the rat anococcygeus muscle *in vitro*
- 151P ARMAH, I.B., FERRY, D.R. & GLOSSMANN, H. BDF 6143, a potent antagonist at α_2 -adrenoceptor sites
- 152P BLABER, L.C., BURDEN, D.T. & SHIVDASANI, C. The effects of Ro 31-1118, a novel β_1 -adrenoceptor antagonist, in the cat
- 153P NEY, U.M. Enhancement of airway sensitivity to histamine in guinea-pigs by β -adrenoceptor blocking agents

- 154P JOHNSON, A.M., LOUDON, JULIA M., NELSON, D.R., NICHOLASS, JANE M. & THOMAS, D.R. BRL 16644, an inhibitor of monoamine uptake, *in vitro*, with a long duration of action, *in vivo*
- 155P CHADWICK, M.A., LAWSON, K. & WEETMAN, D.F. Effects of SGD 101/75 and noradrenaline in the anaesthetized rat
- 156P KERRY, R., McKERNAN, RUTH M. & SCRUTTON, M.C. Binding of [³H]-prazosin to human blood platelets
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- 159P ARMSTRONG, ROMA A., JONES, R.L. & WILSON, N.H. The effect of thromboxane antagonism on aggregation and release in human platelets
- 160P MONCADA, S. & WHITTLE, B.J.R. Anti-aggregating activity of prostacyclin analogues in whole-blood, plasma and washed platelets
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