

3 Dr James Raventos: Obituary

SHORT COMMUNICATIONS

- 5 AGER, A. & MARTIN, W. Loss of receptor-mediated ^{86}Rb efflux from pig aortic endothelial cells in culture
- 7 ALEXANDER, D.I., EYRE, P. & GORDON, V.P. Anaphylactic contraction (Schultz-Dale reaction) of the bovine bronchial artery *in vitro*
- 10 AULAKH, C.S., COHEN, R.M., McLELLAN, C. & MURPHY, D.L. Correlation of changes in α_2 -adrenoceptor number and locomotor responses to clonidine following clorgyline discontinuation
- 13 CALAM, J., DIMALINE, R., PEART, W.S. & UNWIN, R. Studies on the renin response to vasoactive intestinal polypeptide (VIP) in the conscious rabbit.

PAPERS

- 17 CLARK, A.L., HOBIGER, F. & TERRAR, D.A. The relationship between stimulus-induced antidromic firing and twitch potentiation produced by paraoxon in rat phrenic nerve-diaphragm preparations
- 27 CANFIELD, S.P. & CURWAIN, B.P. Inhibition of gastric acid secretion in the conscious dog by the mast-cell stabilizing agent, FPL 52694
- 33 CAMPBELL, T.J. Importance of physico-chemical properties in determining the kinetics of the effects of Class I antiarrhythmic drugs on maximum rate of depolarization in guinea-pig ventricle
- 41 LIM, S.P. & MUIR, T.C. Microelectrode recording of the effects of agonists and antagonists on α -adrenoceptors on rat somatic nerve terminals
- 47 AUSTEN, K.F., COREY, E.J., DRAZEN, J.M. & LEITCH, A.G. The effect of indomethacin on the contractile response of the guinea-pig lung parenchymal strip to leukotrienes B_4 , C_4 , D_4 and E_4
- 55 FUJISAWA, K. Effects of a new α -adrenoceptor blocking agent, ethyl-7-[4-(2-methoxyphenyl)-1-piperazinyl] heptanoate dihydrochloride (SGB-483), on smooth muscle and neuromuscular transmission in guinea-pig mesenteric artery
- 65 BARKER, L.A. & HOUGH, L.B. Selectivity of 4-methylhistamine at H_1 - and H_2 -receptors in the guinea-pig isolated ileum
- 73 AEHRINGHAUS, U., PESKAR, B.A., WITTENBERG, H.R. & WÖBLING, R.H. Effect of inhibition of synthesis and receptor antagonism of SRS-A in cardiac anaphylaxis
- 81 BENVENISTE, J., BOULLET, C., BRINK, C. & LABAT, C. The actions of Paf-acether (platelet-activating factor) on guinea-pig isolated heart preparations

- 85 NORTHOVER, B.J. A comparison of the trophophysiological actions of phentolamine with those of some other antiarrhythmic drugs on tissues isolated from the rat heart
- 95 PARRATT, J.R. & UDVARY, E. The effect of enalapril (MG 8823) on epicardial ST-segment changes in a feline model of acute myocardial ischaemia
- 107 BERTRAM, J.F., GOLDIE, R.G., PAPADIMITRIOU, J.M. & PATERSON, J.W. Correlations between pharmacological responses and structure in human lung parenchyma strips
- 115 GODFRAIND, T., MILLER, R.C. & LIMA, J.S. Effects of yohimbine, rauwolfscine and corynanthine on contractions and calcium fluxes induced by depolarization and prostaglandin $\text{F}_{2\alpha}$ in rat aorta
- 123 AKASU, T., KOJIMA, M. & KOKETSU, K. Substance P modulates the sensitivity of the nicotinic receptors in amphibian cholinergic transmission
- 133 GILBERT, R.J. Studies in rabbits on the disposition and trypanocidal activity of the anti-trypanosomal drug, minazene acetate (Berenil)
- 141 GLOVER, V., PYCOCK, C.J. & SANDLER, S. Tyramine-induced noradrenaline release from rat brain slices: prevention by (-)-deprenyl
- 149 HUGHES, P.R. & STONE, T.W. Inhibition by phentolamine of the inotropic action of isoprenaline in rat atria
- 155 DOXEY, J.C., GADIE, B., LANE, A.C. & TAYLOR, I.F. Evidence for pharmacological similarities between α_2 -adrenoceptors in the vas deferens and other parts of the nervous system of the rat
- 163 NAYLER, R.A. & SPARROW, M.P. Mechanism of vanadate-induced contraction of airways smooth muscle of the guinea-pig
- 173 GREEN, A.R., JOHNSON, P. & NIMGAONKAR, V.L. Increased 5-HT $_2$ receptor number in brain: a probable explanation for the enhanced hydroxytryptamine-mediated behaviour following repeated electroconvulsive shock administration to rats
- 179 GORDON, J.L. & MARTIN, W. Stimulation of endothelial prostacyclin production plays no role in endothelium-dependent relaxation of the pig aorta
- 187 BIRDSALL, N.J.M., BÜRGEN, A.S.V., HULL, E.C. & WONG, E.H.F. The effects of chloromercuribenzoate on muscarinic receptors in the cerebral cortex
- 197 BIRDSALL, N.J.M., BÜRGEN, A.S.V., HULL, E.C. & WONG, E.H.F. The effect of chloromercuribenzoate on structure-binding relationships of muscarinic receptors in the rat cerebral cortex
- 205 WATSON, S.P. Pharmacological characterization of substance P antagonist, [D-Arg 1 , D-Pro 2 , D-Trp 11]-substance P
- 211 AULT, B. & NADLER, J.V. Effects of baclofen on synaptically-induced cell firing in the rat hippocampal slice