

# British Journal of Pharmacology

## SHORT COMMUNICATIONS

3 OHIZUMI, Y. & YASUMOTO, T. Contraction and increase in tissue calcium content induced by maitotoxin, the most potent known marine toxin, in intestinal smooth muscle

6 VERDOUW, P.D. & WOLFFENBUTTEL, B.H.R. The effect of felodipine on ventricular fibrillation after coronary artery ligation in the anaesthetized pig

9 CURTIS, D.R., LEAH, J.D. & PEET, M.J. Spinal interneurone depression by DS103-282

12 PACIOREK, P.M. & SHEPPERSON, N.B.  $\alpha_1$ -Adrenoceptor agonist activity of  $\alpha_2$ -adrenoceptor antagonists in the pithed rat preparation

15 BLOOM, S.R., PEART, W.S. & UNWIN, R.J. Neuropeptides and antinatriuresis in the conscious rabbit

## PAPERS

19 FAHR, A., FÖRSTER, W. & TAUBE, Ch. Blood pressure changes in spontaneously hypertensive rats correlate with aortic prostacyclin formation

23 FUJIWARA, S. & KURIYAMA, H. Effects of agents that modulate potassium permeability on smooth muscle cells of the guinea-pig basilar artery

37 CSIK, V., SZEKERES, L. & UDVARY, E. Comparison of two calcium antagonists, varapamil and fendiline, in an experimental model of myocardial ischaemia mimicking classical angina on effort

45 CONFORTI, A., FRANCO, L., MILANINO, R., TOTORIZZO, A. & VELO, G.P. Copper metabolism during acute inflammation: studies on liver and serum copper concentrations in normal and inflamed rats

53 ABRAMOVICH, D.R., PAGE, K.R. & WRIGHT, F. Effect of angiotensin II and 5-hydroxytryptamine on the vessels of the human foetal cotyledon

57 GERBER, J.G. & NIES, A.S. The role of histamine receptors in the release of renin

63 COX, H.M., MUNDAY, K.A. & POAT, J.A. The binding of [ $^{125}$ I]-angiotensin to rat renal epithelial cell membranes

71 DART, A.M., DIETZ, R., KÜBLER, W., SCHÖMIG, A. & STRASSER, R. Effects of cocaine and desipramine on the neurally evoked overflow of endogenous noradrenaline from the rat heart

75 DIXON, J.S. & SMALL, R.C. Evidence of poor conduction of muscle excitation in the longitudinal axis of guinea-pig isolated trachea

85 BOSCHI, G., DESILES, M., RENY, V., RIPS, R. & WRIGGLESWORTH, S. Antinociceptive properties of thyrotropin releasing hormone in mice: comparison with morphine

93 HARTLEY, M.L., PENNEFATHER, J.N. & STORY, M.E. Effects of ovarian steroids upon responses mediated by adrenoceptors in separated layers of the myometrium and in the costo-uterine muscle of the guinea-pig

103 AKPAFFIONG, M.J., REDFERN, P.H. & WOODWARD, B. An investigation of the importance of the adrenal gland to the action of dopamine in the rat kidney

109 FUDER, H., MUSCHOLL, E. & SPEMANN, R. The determination of presynaptic pA<sub>2</sub> values of yohimbine and phentolamine on the perfused rat heart under conditions of negligible autoinhibition

121 HALL, M.M. Prostaglandin synthesis inhibitors: effect on angiotensin II- and oxytocin-induced contractions in rat uterine smooth muscle

125 BENTLEY, G.A., NEWTON, S.H. & STARR, J. Studies on the antinociceptive action of  $\alpha$ -agonist drugs and their interactions with opioid mechanisms

135 ANDERSSON, K.-E., EDVINSSON, L., MACKENZIE, E.T., SKÄRBY, T. & YOUNG, A.R. Influence of extracellular calcium and calcium antagonists on contractions induced by potassium and prostaglandin F<sub>2 $\alpha$</sub>  in isolated cerebral and mesenteric arteries of the cat

141 EDVINSSON, L., JOHANSSON, B.B., LARSSON, B., MACKENZIE, E.T., SKÄRBY, T. & YOUNG, A.R. Calcium antagonists: effects on cerebral blood flow and blood-brain barrier permeability in the rat

149 GRIFFITHS, R.J. & MOORE, P.K. Formation of 6-keto prostaglandin E<sub>1</sub> in mammalian kidneys

157 BRAMMER, J.P., MAGUIRE, M.H., WALASZEK, E.J. & WILEY, R.A. Acetal phosphatidic acids: novel platelet aggregating agents

167 MANZANARES, J. & TAMARGO, J. Electrophysiological effects of imipramine in non-treated and in imipramine-pretreated rat atrial fibres

177 GOLDIE, R.G., PATERSON, J.W. & WALE, J.L. Classification of  $\beta$ -adrenoceptors in isolated bronchus of the pig

187 ROHOZKOVÁ, D. & STEVEN, F.S. Gold-containing drugs and the control of proteolytic enzymes

191 BILL, D.J., HARTLEY, J.E., STEPHENS, R.J. & THOMPSON, A.M. The antinociceptive activity of meptazinol depends on both opiate and cholinergic mechanisms

201 ASHFORD, M.L.J. & WANN, K.T. Extracellular chloride replacement by isethionate induces abnormal spontaneous release of transmitter at the frog neuromuscular junction

211 BURNSTOCK, G. & MEGHJI, P. The effect of adenyl compounds on the rat heart

219 FILE, S.E. Sedative effects of PK 9084 and PK 8165, alone and in combination with chlordiazepoxide

225 SPEDDING, M. Direct inhibitory effects of some 'calcium-antagonists' and trifluoperazine on the contractile proteins in smooth muscle

233 LARGE, W.A. Membrane potential responses to ionophoretically applied  $\alpha$ -adrenoceptor agonists in the mouse anococcygeus muscle

245 KUMAR, R., PRATT, J.A. & STOLERMAN, I.P. Characteristics of conditioned taste aversion produced by nicotine in rats

255 FOSTER, R.W., SMALL, R.C. & WESTON, A.H. Evidence that the spasmogenic action of tetraethylammonium in guinea-pig trachealis is both direct and dependent on the cellular influx of calcium ion

265 BOTTING, J.H., JOHNSTON, K.M., MACLEOD, B.A. & WALKER, M.J.A. The effect of modification of sympathetic activity on responses to ligation of coronary artery in the conscious rat

273 FOSTER, H., HOOPER, M., IMAM, S., LOVETT, G.S., NICHOLSON, J., SWAIN, J., SWEETMAN, A.J. & WEETMAN, D.F. Increased inhibitory action against adenosine 5'-triphosphate in the isolated taenia of the guinea-pig caecum by substitution in the A-ring of 2-phenylisatogen

279 ENNIS, C. Different  $\alpha$ -adrenoceptors modulate release of 5-hydroxytryptamine and noradrenaline in the cortex

285 KOU, K. & SUZUKI, H. The effects of 3,4-dihydro- $\alpha$ - (2-hydroxy-3-isopropylaminopropoxy) - 3 - nitro-2H-1-benzopyran (K-351) and its denitrated derivative on smooth muscle cells of the dog coronary artery

297 MAEDA-HAGIWARA, M. & WATANABE, K. Influence of dopamine receptor agonists on gastric secretion induced by intraventricular administration of thyrotropin-releasing hormone in the perfused stomach of anaesthetized rats

305 STONE, T.W. A comparison of the effects of morphine, enkephalin, kyotorphin and D-phenylalanine on rat central neurones

313 CLOIX, J.F., COLARD, O., ROTHHUT, B., RUSSO-MARIE, F. Characterization and partial purification of 'renocortins': two polypeptides from renal cells causing the anti-phospholipase-like activity of glucocorticoids