

British Journal of Pharmacology

SHORT COMMUNICATIONS

- 325 LIM, S.P. & BOLTON, T.B. A calcium-dependent rather than a G-protein mechanism is involved in the inward current evoked by muscarinic receptor stimulation in dialysed single smooth muscle cells of small intestine

PAPERS

- 329 OKAMOTO, T., KURAHASHI, K. & FUJIWARA, M. Effects of naloxone and opioid agonists on gastric excitatory responses to stimulation of the vagus nerve in cats
- 335 MOLLOY, A.G. & WADDINGTON, J.L. Behavioural responses to the selective D₁-dopamine receptor agonist R-SK&F 38393 and the selective D₂-agonist RU 24213 in young compared with aged rats
- 343 SILBERSTEIN, D.J., BOWMER, C.J. & YATES, M.S. Dibromosulphophthalein: its pharmacokinetics and binding to hepatic cytosol proteins in rats with acute renal failure
- 353 CHRISTENSEN, S. & PETERSEN, J.S. Effects of furosemide on renal haemodynamics and proximal tubular reabsorption in conscious rats
- 361 SASSEN, L.M.A., DEN BOER, M.O., RENSEN, R.J., SAXENA, P.R. & VERDOUW, P.D. Bisoprolol improves perfusion of ischaemic myocardium in anaesthetized pigs
- 371 FARMER, S.G., CANNING, B.J. & WILKINS, D.E. Adenosine receptor-mediated contraction and relaxation of guinea-pig isolated tracheal smooth muscle: effects of adenosine antagonists
- 379 STEWART, A.G. & PIPER, P.J. Vasodilator actions of acetylcholine, A23187 and bradykinin in the guinea-pig isolated perfused heart are independent of prostacyclin
- 385 LI, C., MAJEWSKI, H. & RAND, M.J. Facilitation of noradrenaline release from sympathetic nerves in rat anococcygeus muscle by activation of prejunctional β -adrenoceptors and angiotensin receptors
- 393 YANAGISAWA, T., HASHIMOTO, H. & TAIRA, N. The negative inotropic effect of nicorandil is independent of cyclic GMP changes: a comparison with pinacidil and cromakalim in canine atrial muscle
- 399 EBNER, F. & SIEGL, H. Diffusion characteristics dissociate ouabain binding from inotropic effect in guinea-pig myocardium
- 405 AL-DAMLUJI, S., ROSS, G., TOUZEL, R., PERRETT, D., WHITE, A. & BESSER, G.M. Modulation of the actions of tyrosine by α_2 -adrenoceptor blockade
- 413 BELVISI, M.G., CHUNG, K.F., JACKSON, D.M. & BARNES, P.J. Opioid modulation of non-cholinergic neural bronchoconstriction in guinea-pig *in vivo*

- 419 ANDRIANTSITOHAINA, R. & STOCLET, J.C. Potentiation by neuropeptide Y of vasoconstriction in rat resistance arteries
- 429 BREGESTOVSKI, P., BAKHRAMOV, A., DANILOV, S., MOLDOBAEVA, A. & TAKEDA, K. Histamine-induced inward currents in cultured endothelial cells from human umbilical vein
- 437 ROBERTS, M.H.T., DAVIES, M., GIRDLESTONE, D. & FOSTER, G.A. Effects of 5-hydroxytryptamine agonists and antagonists on the responses of rat spinal motoneurons to raphe obscurus stimulation
- 449 FEUERSTEIN, T.J., HEDLER, L., JACKISCH, R. & HERTTING, G. An *in vitro* model of 1-methyl-4-phenyl-pyridinium (MPP⁺) toxicity: incubation of rabbit caudate nucleus slices with MPP⁺ followed by biochemical and functional analysis
- 459 HISAYAMA, T., SHINKAI, M., TAKAYANAGI, I., MORIMOTO, S.I. & ISHIDA, K. Mechanism of action of nicotine in isolated iris sphincter preparations of rabbit
- 465 HISAYAMA, T., SHINKAI, M., TAKAYANAGI, I. & TOYODA, T. Mechanism of action of nicotine in isolated urinary bladder of guinea-pig
- 473 DALY, C.J., McGRATH, J.C. & WILSON, V.G. An examination of the postjunctional α -adrenoceptor subtypes for (–)-noradrenaline in several isolated blood vessels from the rabbit
- 485 DALY, C.J., McGRATH, J.C. & WILSON, V.G. Pharmacological analysis of postjunctional α -adrenoceptors mediating contractions to (–)-noradrenaline in the rabbit isolated lateral saphenous vein can be explained by interacting responses to simultaneous activation of α_1 - and α_2 -adrenoceptors
- 501 DALY, C.J., DUNN, W.R., McGRATH, J.C. & WILSON, V.G. An attempt at selective protection from phenoxybenzamine of postjunctional α -adrenoceptor subtypes mediating contractions to noradrenaline in the rabbit isolated saphenous vein
- 512 AKBARALI, H.I., BIEGER, D. & TRIGGLE, C.R. Inhibition of field stimulation-evoked relaxations in rat oesophageal smooth muscle by the calcium antagonist PN 200-110
- 519 AKBARALI, H.I., BIEGER, D., OHIA, S.E. & TRIGGLE, C.R. Similarity of relaxations evoked by BRL 34915, pinacidil and field-stimulation in rat oesophageal tunica muscularis mucosae
- 526 TSUDA, Y., OYAMA, Y., CARPENTER, D.O. & AKAIKE, N. Effects of Ca²⁺ on the transient outward current of single isolated *Helix* central neurones
- 531 SCHOEFFTER, P., DION, R. & GODFRAIND, T.

- Modulatory role of the vascular endothelium in the contractility of human isolated internal mammary artery
- 544 LU, W., OKAMURA, T., BIAN, K., INATOMI, A. & TODA, N. Prostaglandins involved in contractions by angiotensin II and bradykinin of isolated dog sphincter pupillae
- 551 WEBBER, S.E., SALONEN, R.O. & WIDDICOMBE, J.G. H₁- and H₂-receptor characterization in the tracheal circulation of sheep
- 562 JACQUES, C.A.J., SPUR, B.W., CREA, A.E.G. & LEE, T.H. The contractile activities of lipoxin A₄ and lipoxin B₄ for guinea-pig airway tissues
- 569 LEFF, P. & MARTIN, G.R. Differences in agonist dissociation constant estimates for 5-HT at 5-HT₂-receptors: a problem of acute desensitization?
- 578 SHAW, J.S., ROURKE, J.D. & BURNS, K.M. Differential sensitivity of antinociceptive tests to opioid agonists and partial agonists
- 585 FLETCHER, E.J., MARTIN, D., ARAM, J.A., LODGE, D. & HONORÉ, T. Quinoxalinediones selectively block quisqualate and kainate receptors and synaptic events in rat neocortex and hippocampus and frog spinal cord *in vitro*
- 598 HEWSON, G., LEIGHTON, G.E., HILL, R.G. & HUGHES, J. Quipazine reduces food intake in the rat by activation of 5-HT₂-receptors
- 605 JULOU-SCHAEFFER, G. & FRESLON, J.L. Effects of ryanodine on tension development in rat aorta and mesenteric resistance vessels
- 614 BORCHGREVINK, P.C. & RYAN, M.P. Effects of magnesium, ouabain and bumetanide on ⁸⁶rubidium uptake in a human atrial cell line
- 619 ALOSACHIE, I. GODFRAIND, T. The modulatory role of vascular endothelium in the interaction of agonists and antagonists with α -adrenoceptors in the rat aorta
- 630 CHRISTIE, M.I. & LEWIS, M.J. Vascular smooth muscle sensitivity to endothelium-derived relaxing factor is different in different arteries
- 637 RALEVIC, V. & BURNSTOCK, G. Actions mediated by P₂-purinoceptor subtypes in the isolated perfused mesenteric bed of the rat
- 646 RANDALL, M.D., KAY, A.P. & HILEY, C.R. Endothelium-dependent modulation of the pressor activity of arginine vasopressin in the isolated superior mesenteric arterial bed of the rat
- 653 HOYLE, C.H.V., VLADIMIROVA, I.A. & BURNSTOCK, G. Pre- and postjunctional actions of purine and xanthine compounds in the guinea-pig caecum circular muscle
- 664 CORDER, R. & WITHRINGTON, P.G. A comparison of the differential effects of vasoactive intestinal peptide and peptide histidine isoleucine on the vascular and capsular smooth muscle of the dog spleen

MEETINGS CALENDAR

The Indices to Volumes 93 and 94 together with the Cumulative Contents will be published with the December 1988 issue