

# British Journal of Pharmacology

## PAPERS

- 3 BOURA, A.L.A. & SVOLMANIS, A.P. Converting enzyme inhibition in the rat by captopril is accompanied by potentiation of carrageenin-induced inflammation
- 9 DOCHERTY, J.R. & McGRATH, J.C. The actions of cirazoline on the rat vas deferens
- 15 DOCHERTY, J.R. An investigation of presynaptic  $\alpha$ -adrenoceptor subtypes in the pithed rat heart and in the rat isolated vas deferens
- 25 MacDONALD, A. & McGRATH, J.C. Post-natal development of functional neurotransmission in rat vas deferens
- 35 BUENO, L., FARGEAS, M.J., FIORAMONTI J. & HONDE, C. Effects of dopamine and bromocriptine on colonic motility in dog
- 43 PRIMOR, N. Pardaxin produces postjunctional muscle contraction in guinea-pig intestinal smooth muscle
- 51 HOF, R.P. The calcium antagonists PY 108-068 and verapamil diminish the effects of angiotensin II: sites of interaction in the peripheral circulation of anaesthetized cats
- 61 BRAMMER, J.P. & MAGUIRE, M.H. Arachidonate metabolism, 5-hydroxytryptamine release and aggregation in human platelets activated by palmitaldehyde acetal phosphatidic acid
- 73 KOMORI, S. & OHASHI, H. Presynaptic, muscarinic inhibition of non-adrenergic, non-cholinergic neuromuscular transmission in the chicken rectum
- 85 NORTH, R.A. & TOKIMASA, T. The time course of muscarinic depolarization of guinea-pig myenteric neurones
- 93 CHERUBINI, E. & NORTH, R.A. Actions of  $\gamma$ -aminobutyric acid on neurones of guinea-pig myenteric plexus
- 101 CHERUBINI, E. & NORTH, R.A. Inhibition of calcium spikes and transmitter release by  $\gamma$ -aminobutyric acid in the guinea-pig myenteric plexus
- 107 BEST, R., LEWIS, D. A. & NASSER, N. The anti-ulcerogenic activity of the unripe plantain banana (*Musa species*)
- 117 HINTZE, T.H., KALEY, G. & PANZENBECK, M.J. Mechanisms of reflex bradycardia and hypotension by metabolites of arachidonic acid in the cat
- 127 PACIOREK, P.M., PIERCE, V., SHEPPERSON, N.B. & WATERFALL, J.F. An investigation into the selectivity of a novel series of benzoquinolizines for  $\alpha_2$ -adrenoceptors *in vivo*
- 135 HERZIG, S. & MOHR, K. Action of ouabain on rat heart: comparison with its effect on guinea-pig heart
- 143 CEÑA, V., GARCIA, A.G., GONZALEZ-GARCIA, C. & KIRPEKAR, S.M. Orthograde and retrograde axonal transport of calmodulin in a cat noradrenergic neurone
- 151 BODEN, R., BOTTING, R., COULSON, P. & SPANSWICK, G. Effect of nonselective and selective inhibitors of monoamine oxidases A and B on pethidine toxicity in mice
- 155 CUSACK, N.J. & HOURANI, S.M.O. Some pharmacological and biochemical interactions of the enantiomers of adenylyl 5'-( $\beta$ ,  $\gamma$ -methylene)-diphosphonate with the guinea-pig urinary bladder
- 161 HOURANI, S.M.O. Desensitization of the guinea-pig urinary bladder by the enantiomers of adenylyl 5'-( $\beta$ ,  $\gamma$ -methylene)-diphosphonate and by substance P
- 165 FOY, J.M. & NUHU, S.Z. Effect of bumetanide, frusemide and prostaglandin  $E_2$  on the isolated perfused kidney of rat and rabbit
- 175 IZUMI, H. Release of kallikrein-like esterase and tonin from dispersed cells of the rat submandibular gland
- 183 DEMENEIX, B.A., DESAULLES, E., FELTZ, P. & LOEFFLER, J-P. Dual population of GABA<sub>A</sub> and GABA<sub>B</sub> receptors in rat pars intermedia demonstrated by release of  $\alpha$ MSH caused by barium ions
- 191 NORTHOVER, B.J. Alterations to the electrical activity of atrial muscle isolated from the rat heart, produced by exposure *in vitro* to amiodarone
- 199 BARBIERI, E.J., BOBYOCK, E., CHERNICK, W.S. & McMICHAEL, R.F. The calcium dependency of mucus glycoconjugate secretion by canine tracheal explants
- 207 ANDERSSON, P. & BERGSTRAND, H. Changes in bronchial anaphylactic reactivity induced in guinea-pigs by long-term treatment with histamine  $H_2$ -agents
- 217 SARIA, A. Substance P in sensory nerve fibres contributes to the development of oedema in the rat hind paw after thermal injury

- 223 BRÜCKNER, R. & SCHOLZ, H. Effects of  $\alpha$ -adrenoceptor stimulation with phenylephrine in the presence of propranolol on force of contraction, slow inward current and cyclic AMP content in the bovine heart
- 233 CLARKE, P.B.S. & KUMAR, R. Some effects of nicotine on food and water intake in undeprived rats
- 241 VARMA, D.R. & YUE, T.L. Influence of age, sex, pregnancy and protein-calorie malnutrition on the pharmacokinetics of salicylate in rats
- 249 ARCHER, T., JONSSON, G. & ROSS, S.B. A parametric study of the effects of the noradrenaline neurotoxin DSP4 on avoidance acquisition and noradrenaline neurones in the CNS of the rat
- 259 HOLZER, P. & LIPPE, I. Th. Substance P can contract the longitudinal muscle of the guinea-pig small intestine by releasing intracellular calcium
- 269 RINGDAHL, B. Muscarinic receptor occupation and receptor activation in the guinea-pig ileum by some acetamides related to oxotremorine
- 275 LINDENMEYER, M., SPÖRRI, S., STÄUBLI, M., STUDER, A. & STUDER, H. Does amiodarone affect heart rate by inhibiting the intracellular generation of triiodothyronine from thyroxine?
- 281 PARRATT, J.R., SHARMA, N. & ZEITLIN, I.J. Prostaglandins and thromboxane in the delayed phase of shock induced by *Serratia marcescens* endotoxin
- 289 FURMAN, B.L., McKECHNIE, K. & PARRATT, J.R. Failure of drugs that selectively inhibit thromboxane synthesis to modify endotoxin shock in conscious rats
- 295 MIWA, K. & TODA, N. Regional differences in the response to vasoconstrictor agents of dog and monkey isolated coronary arteries