

# British Journal of Pharmacology

## Introduction to the 9th International Congress of Pharmacology Issue

- 545 MITCHELL, J.F. The British Pharmacological Society and its Journals

## SHORT COMMUNICATION

- 547 RUSH, B.D. & RUWART, M.J. Prazosin inhibits small intestinal transit in the rat

## PAPERS

- 549 MITCHELL, H.W. Pharmacological studies into cyclo-oxygenase, lipooxygenase and phospholipase in smooth muscle contraction in the isolated trachea
- 557 CANFIELD, D.R. & DUNLAP, K. Pharmacological characterization of amine receptors on embryonic chick sensory neurones
- 565 LEFORT, J., ROTILIO, D. & VARGAFTIG, B.B. The platelet-independent release of thromboxane  $A_2$  by Paf-acether from guinea-pig lungs involves mechanisms distinct from those for leukotriene
- 577 OKPAKO, D.T. & TAIWO, Y.O.O. Cyclo-oxygenase inhibitors antagonize indirectly evoked contractions of the guinea-pig isolated ileum by inhibiting acetylcholine release
- 587 CUTHBERT, A.W., HALUSHKA, P.V., MARGOLIUS, H.S. & SPAYNE, J.A. Role of calcium ions in kinin-induced chloride secretion
- 597 CUTHBERT, A.W., HALUSHKA, P.V., MARGOLIUS, H.S. & SPAYNE, J.A. Mediators of the secretory response to kinins
- 609 ANWYL, R., BRUTON, J.D. & McLOUGHLIN, J.V. The effects of external potassium, multivalent cations and temperature on caffeine contractures in rat skeletal muscle
- 615 ANWYL, R., BRUTON, J.D. & McLOUGHLIN, J.V. Potassium contractures and mechanical activation in rat skeletal muscle: effects of multivalent cations, temperature and tetracaine
- 623 GURNEY, A.M. & RANG, H.P. The channel-blocking action of methonium compounds on rat sub-mandibular ganglion cells
- 643 ANDREASEN, F. & CHRISTENSEN, J.H. Thiopentone-induced changes in the contraction pattern of vascular smooth muscle: the influence of albumin
- 651 BEIL, W. & SEWING, K.-FR. Inhibition of partially purified  $K^+/H^+$ -ATPase from guinea-pig isolated and enriched parietal cells by substituted benzimidazoles
- 659 CULLEN, K.D. & MARTIN, R.J. Effects of injectable anaesthetics on responses to L-glutamate and on spontaneous synaptic activity in lamprey reticulo-spinal neurones
- 667 ATCHISON, W.D., NARAHASHI T. & VOGEL, S.M. Endplate blocking actions of lophotoxin
- 673 DEBNAM, E.S. & THOMPSON, C.S. Effects of neomycin on galactose absorption across rat jejunum
- 679 COOPER, C.L. & MALIK, K.U. Effect of glucocorticoids on vascular reactivity to vasoactive hormones in rat isolated kidney: lack of relationship to prostaglandins
- 689 MATTHEWS, E.K. & SHOTTON, P.A. The control of  $^{86}Rb$  efflux from rat isolated pancreatic islets by the sulphonylureas tolbutamide and glibenclamide
- 701 IMAMURA, I., MAEYAMA, K., WADA, H. & WATANABE, T. Determination of imidazole acetic acid and its conjugate(s) levels in urine, serum and tissues of rats: studies on changes in their levels under various conditions
- 709 HARVEY, A.L., HIDER, R.C., HODGES, S.J. & JOUBERT, F.J. Structure-activity studies of homologues of short chain neurotoxins from Elapid snake venoms
- 717 BENFEY, B.G., ELFELLAH, M.S., OGILVIE, R.I. & VARMA, D.R. Anti-arrhythmic effects of prazosin and propranolol during coronary artery occlusion and re-perfusion in dogs and pigs
- 727 ADVENIER, C., CERRINA, J., DUROUX, P., FLOCH, A. & RENIER, A. Effects of five different organic calcium antagonists on guinea-pig isolated trachea
- 735 MIRONNEAU, C., MIRONNEAU, J. & SAVINEAU, J.P. Maintained contractions of rat uterine smooth muscle incubated in a  $Ca^{2+}$ -free solution
- 745 BECKER, C. & PORZIG, H. Recovery of  $\beta$ -adrenoceptors and cyclic AMP response after long term treatment of intact heart cells with  $\beta$ -blockers
- 757 BRYAN, L.J. & O'DONNELL, S.R. Stereoselectivity of extraneuronal uptake of catecholamines in guinea-pig trachealis smooth muscle cells