## **British Journal of Pharmacology**

## **PAPERS**

- DEL CASTILLO, J., ESCALONA DE MOTTA, G., ETEROVIĆ, V.A. & FERCHMIN, P.A. Succinyl derivatives of N-tris (hydroxymethyl) methyl-2-aminoethane sulphonic acid: their effects on the frog neuromuscular junction
- INOUE, T. & ITO, Y. Pre- and post-junctional actions of prostaglandin I2, carbocyclic thromboxane A2 and leukotriene C<sub>4</sub> in dog tracheal tissue
- CEÑA, V., GARCIA, A.G., GONZALEZ-GARCIA, C. & KIRPEKAR, S.M. Ion dependence of the release of noradrenaline by tetraethylammonium and 4-aminopyridine from cat splenic slices
- BLABER, L.C. & FRYER, A.D. The response of cat airways to histamine in vivo and in vitro
- BULT, H., HERMAN, A.G. & RAMPART, M. Modification of endotoxin-induced haemodynamic and haematological changes in the rabbit by methylprednisolone, F(ab')2 fragments and rosmarinic acid
- BULT, H., HERMAN, A.G., LAEKEMAN, G.M. & RAMPART, M. Formation of prostanoids during intravascular complement activation in the rabbit
- GREEN, A.R., JOHNSON, P., MOUNTFORD, J.A. & NIMGAONKAR, V.L. Some anticonvulsant drugs alter monoamine-mediated behaviour in mice in ways similar to electroconvulsive shock; implications for antidepressant therapy
  - MAGEE, D.F., NARUSE, S. & PAP, A. Comparison of the action of cholinomimetics and pentagastrin on gastric secretion in dogs
- CAROLDI, S., JARVIS, J. & MAGOS, L. Carbon disulphide exposure affects the response of rat adrenal medulla to hypothermia and hypoglycaemia
- DUKES, I.D. & VAUGHAN WILLIAMS, E.M. Cardiovascular effects of bevantolol, a selective  $\beta_1$ -adrenoceptor antagonist with a novel pharmacological profile
- HARRISON, N.L. & SIMMONDS, M.A. Quantitative studies on some antagonists of N-methyl D-aspartate in slices of rat cerebral cortex
- ITOH, T., KANMURA, Y., KURIYAMA, H. & SASAGURI, T. Nitroglycerine- and isoprenalineinduced vasodilatation: assessment from the actions of cyclic nucleotides

- 407 BROADLEY, K.J., BROOME, S. & PATON, D.M. Hypothermia-induced supersensitivity to adenosine for responses mediated via A<sub>1</sub>-receptors but not A<sub>2</sub>-receptors
- 417 ACEVES, J., MARISCAL, S., MORRISON, K.E. & YOUNG, J.M. The binding of doxepin to histamine H<sub>1</sub>receptors in guinea-pig and rat brain
- 425 MALLARKEY, G. & SMITH, G.M. A comparative study of the involvement of the prostaglandin H2/thromboxane A<sub>2</sub> pathway in intravascular platelet aggregation in guinea-pigs and rats
- 431 BURNSTOCK, G., CUSACK, N.J. & MELDRUM, L.A. Studies on the stereoselectivity of the P<sub>2</sub>-purinoceptor on the guinea-pig vas deferens
- 435 KATO, E., KOKETSU, K., KUBA, KUMAMOTO, E. The mechanism of the inhibitory action of adrenaline on transmitter release in bullfrog sympathetic ganglia: independence of cyclic AMP and calcium ions
- 445 MARTIN, R.J. γ-Aminobutyric acid- and piperazineactivated single-channel currents from Ascaris suum body muscle
- 463 HARTLEY, M.L. & PENNEFATHER, J.N. The costouterine muscle of the rat contains a homogeneous population of  $\beta$ -adrenoceptors
- 469 PACIOREK, P.M., TODD, M.H. & WATERFALL, J.F. The effects of meptazinol in comparison with pentazocine, morphine and naloxone in a rat model of anaphylactic shock
- 477 FUDER, H & JUNG, B. Affinity and efficacy of racemic, (+)-, and (-)-methacholine in muscarinic inhibition of [3H]-noradrenaline release
- 489 FUJIOKA, M. & SUZUKI, H. Effects of amosulalol on the electrical responses of guinea-pig vascular smooth muscle to adrenoceptor activation
- 499 BRIGHT, P.S., GAFFNEY, T.E., STREET, J.A. & WEBB, J.G. Depolarization-induced release of propranolol and atenolol from rat cortical synaptosomes
- 511 SCHWARTZ, J. & VELLY, J. Interference of sodium with [3H]-nitrendipine binding to cardiac membranes
- 517 GARNIER, D. & ROULET, M.J. Vasoactivity of trimetazidine on guinea-pig isolated ductus arteriosus

- 525 AKASU, T. & KOKETSU, K. Effect of adenosine triphosphate on the sensitivity of the nicotinic acetylcholine-receptor in the bullfrog sympathetic ganglion cell
- 533 SAXENA, P.R. & VERDOUW, P.D. 5-Carboxamide tryptamine, a compound with high affinity for 5-hydroxytryptamine<sub>1</sub> binding sites, dilates arterioles and constricts arteriovenous anastomoses
- 545 ERNE, P. & PLETSCHER, A. Rapid intracellular release of calcium in human platelets by stimulation of 5-HT<sub>2</sub>-receptors
- 551 CARLINI, C.R., GUIMARÃES, J.A. & RIBEIRO, J.M.C. Platelet release reaction and aggregation induced by canatoxin, a convulsant protein: evidence for the involvement of the platelet lipoxygenase pathway

- 561 BLACK, J.W., LEFF, P. & SHANKLEY, N.P. with a appendix by WOOD, J. An operational model of pharmacological agonism: the effect of E/[A] curve shape or agonist dissociation constant estimation
- 573 DOCHERTY, J.R. & HYLAND, L. Evidence for neuro-effector transmission through postjunctional ar adrenoceptors in human saphenous vein
- 577 ISHII, K., TAIRA, N. & YANAGISAWA, T. Differential antagonism by Bay k 8644, a dihydropyridine calcium agonist, of the negative inotropic effects of nifedipine, verapamil, diltiazem and manganese ions in canine ventricular muscle

## FORTHCOMING EVENTS