

# British Journal of Pharmacology

- 479 GHOSH, M.N. & PARVATHY, S. Tolerance pattern of the anorexigenic action of amphetamines, fenfluramine, phenmetrazine and diethylpropion in rats.
- 487 CLARK, E.R. & JORDAN, V.C. Oestrogenic, anti-oestrogenic and fertility effects of some triphenylethanes and triphenylethylenes related to ethamoxitriphenol (MER 25).
- 495 MIELENS, Z.E. & ROSENBERG, F.J. Dual effects of aspirin in guinea-pig lungs.
- 501 ARMSTRONG, J. & BARLOW, R.B. The ionization of phenolic amines, including apomorphine, dopamine and catecholamines and an assessment of zwitterion constants.
- 517 BARLOW, R.B. The effects of pH on the activity of coryneine and related phenolic quaternary ammonium salts on the frog rectus preparation.
- 521 CARDENAS, H.L. & ROSS, D.H. Calcium depletion of synaptosomes after morphine treatment.
- 527 EISEN, V. & WALKER, D.I. Effect of ionizing radiation on prostaglandin-like activity in tissues.
- 533 KREBS, R. & SCHRÖR, K. Interactions of isoprenaline and prostaglandin  $E_2$  with respect to myocardial contractile force, coronary vascular resistance and myocardial oxygen consumption in guinea-pig isolated hearts.
- 543 LEE, C.Y. & TSAI, M.C. Is the contractile response to exogenous acetylcholine due to a presynaptic effect?
- 547 BEATON, J.M., BENINGTON, F., BRADLEY, R.J., KUHLEMEIER, K.V. & MORIN, R.D. Stereospecific actions of 2,5-dimethoxy-4-methylamphetamine (DOM) on colonic temperature in the rat at various ambient temperatures.
- 551 HENDERSON, G. & HUGHES, J. The effects of morphine on the release of noradrenaline from the mouse vas deferens.
- 559 GIBSON, A. & POLLOCK, D. The possible involvement of  $Na^+$  ions in corticosterone-induced hypercontractility in the rat anococcygeus muscle.
- 565 DeBASSIO, W.A., PARSONS, R.L. & SCHNITZLER, R.M. Effect of ionophore X-537A on desensitization rate and tension development in potassium-depolarized muscle fibres.
- 573 MERALI, Z. & SINGHAL, R.L. Prevention by zinc of cadmium-induced alterations in pancreatic and hepatic functions.
- 581 RICHARDSON, P.D.I. & WITHRINGTON, P.G. The vasodilator actions of isoprenaline, histamine, prostaglandin  $E_2$ , glucagon and secretin on the hepatic arterial vascular bed of the dog.

- 589 **BLACKWELL, G.J. & FLOWER, R.J.** A rapid method for the estimation of prostaglandin 15-hydroxydehydrogenase activity and its application to pharmacology.
- 599 **BRADLEY, P.B. & DRAY, A.** Observations on the pharmacology of cholinceptive neurones in the rat brain stem.

#### **SHORT COMMUNICATION**

- 603 **FREEDMAN, R., HOFFER, B.J., PURO, D. & WOODWARD, D.J.** Noradrenaline modulation of the responses of the cerebellar Purkinje cell to afferent synaptic activity.