British Journal of Pharmacology

- Professor G.A.H. Buttle: Obituary
- Professor Ulf von Euler: Obituary

SHORT COMMUNICATION

NORTH, R.A. & WILLIAMS, J.T. Opiate activation 225 of potassium conductance inhibits calcium action potentials in rat locus coeruleus neurones

PAPERS

- 229 BOSCHI, G., NOMOTO, T. & RIPS, R. Thyrotropin releasing hormone-induced hyperthermia in mice: possible involvement of adrenal and pituitary glands
- GRAY, P.T.A. & RANG, H.P. Analysis of current noise evoked by nicotinic agonists in rat submandibular ganglion neurones
- DUKES, I.D. & VAUGHAN WILLIAMS, E.M. Hypoxia-induced cardiac hypertrophy in rabbits treated with verapamil and nifedipine
- BEETENS, J.R. & HERMAN, A.G. Vitamin C increases the formation of prostacyclin by aortic rings from various species and neutralizes the inhibitory effect of 15-hydroperoxy-arachidonic acid
- 255 PUURUNEN, J. Central nervous system effects of arachidonic acid, PGE2, PGF2a, PGD2 and PGI2 on gastric secretion in the rat
- 263 PERKINS, M.N. & STONE, T.W. In vivo release of [³H]-purines by quinolinic acid and related compounds
- KONNO, S. & TSURUFUJI, S. Induction of zymosan-air-pouch inflammation in rats and its characterization with reference to the effects of anticomplementary and anti-inflammatory agents
- GAION, R.M. & TRENTO, M. The role of prostacyclin in modulating cholinergic neurotransmission in guinea-pig ileum
- MITCHELL, H.W. Indomethacin enhances the effect of histamine on airways resistance in the anaesthetized guinea-pig
- BALL H.A., PARRATT, J.R. & RODGER, I.W. The effect of a selective 5-HT₂ antagonist, ketanserin, on the pulmonary responses to Escherichia coli endotoxin
- MERICAN, Z., NOTT, M.W. & SUNBHANICH, M. Effects of increasing the frequency of twitches and of isoprenaline on maximal twitches and cyclic AMP levels in slow- and fast-contracting cat skeletal muscles

- 309 DOUGAN, D.F.H., DUFFIELD, A.M., DUF-FIELD, P.H. & WADE, D.N. The effects of (+)amphetamine, α-methyltyrosine, and phenylalanine on the concentrations of m-tyramine and α-methyl-m-tyramine in rat striatum
- DOWNING, O.A., WILSON, K.A. & WILSON, 315 V.G. Non-competitive antagonism of the αadrenoceptor-mediated fast component of contraction of rat aorta, by doxazosin and prazosin
- LETTS, L.G., RICHARDSON, D.P., TEMPLE, 323 D.M. & WILLIAMS, L.R. The selectivity of β adrenoceptor antagonists on isoprenaline-induced changes in heart rate, blood pressures, soleus muscle contractility and airways function in anaesthetized cats
- 335 RICCIOPPO NETO, F. Effects of cyproheptadine on electrophysiological properties of isolated cardiac muscle of dogs and rabbits
- 343 COATES, J. & WEETMAN, D.F. Demonstration of als-adrenoceptors after exposure of the rat anococcygeus to benextramine
- 347 McQUEEN, D.S. & RIBEIRO, J.A. On the specificity and type of receptor involved in carotid body chemoreceptor activation by adenosine in the cat
- 355 BUTCHER, S.P., COLLINS, J.F. & ROBERTS, P.J. Characterization of the binding of DL-[3H]-2-amino-4phosphonobutyrate to L-glutamate-sensitive sites on rat brain synaptic membranes
- 365 AMELLAL, M. & LANDRY, Y. Lanthanides are transported by ionophore A23187 and mimic calcium in the histamine secretion process
- 371 COUPAR, I.M. Characterization of the opiate receptor population mediating inhibition of VIP-induced secretion from the small intestine of the rat
- 377 GREEN, A.R., HEAL, D.J., JOHNSON, P., LAUR-ENCE, B.E. & NIMGAONKAR, V.L. Antidepressant treatments: effects in rodents on dose-response curves of 5-hydroxytryptamine- and dopaminemediated behaviours and 5-HT2 receptor number in frontal cortex
- 387 HARRISON, N.L. & SIMMONDS, M.A. Two distinct interactions of barbiturates and chlormethiazole with the GABAA receptor complex in rat cuneate nucleus in vitro
- 395 GRIFFITHS, R.J. & MOORE, P.K. Conversion of prostacyclin to 6 oxo prostaglandin E1 by rat, rabbit, guinea-pig and human platelets