

British Journal of Pharmacology

SHORT COMMUNICATIONS

- 577 ALTURA, BURTON M. & LASOFF, SAMUEL. Perivascular action of the local anaesthetic, lidocaine, on pial terminal arterioles: direct observations on the microcirculation
- 580 ALTURA, BURTON M. & GEBREWOLD, ASEFA. Failure of acetaldehyde or acetate to mimic the splanchnic arteriolar or venular dilator actions of ethanol: direct *in situ* studies on the microcirculation
- 583 KOBAYASHI, JUN'ICHI, NAKAMURA, HIDESHI & OHIZUMI, YASUSHI. Biphasic mechanical responses of the guinea-pig isolated ileum to the venom of the marine snail *Conus striatus*
- 586 FLAVAHAN, N.A. & McGRATH, J.C. α_1 -Adrenoceptors can mediate chronotropic responses in the rat heart

PAPERS

- 589 ROBERTS, M.H.T. & WRIGHT, D.M. The effects of chronic section of dorsal roots on the responsiveness of motoneurons to 5-hydroxytryptamine and a substance P analogue
- 595 CLOUGH, D.P. & HATTON, R. Hypotensive and sedative effects of α -adrenoceptor agonists: relationship to α_1 - and α_2 -adrenoceptor potency
- 605 SUGIO, KAZUO & TSURUFUJI, SUSUMU. Mechanism of anti-inflammatory action of glucocorticoids: re-evaluation of vascular constriction hypothesis
- 609 SCOTT, EVELYN M. The effects of atenolol on spontaneous and reflex activity of the sympathetic nerves in the anaesthetized cat
- 617 BROWN, CHRISTINE M. & BURNSTOCK, G. Evidence in support of the P_1/P_2 purinoceptor hypothesis in the guinea-pig taenia coli

- 625 BROCCARDO, M., ERSAMER, V., FALCONIERI ERSAMER, G., IMPROTA, G. LINARI, G., MELCHIORRI, P. & MONTECUCCHI, P.C. Pharmacological data on dermorphins, a new class of potent opioid peptides from amphibian skin
- 633 LEE, W.M., TSANG, A.Y.F. & WONG, P.Y.D. Effects of divalent and lanthanide ions on motility initiation in rat caudal epididymal spermatozoa
- 639 AMIRRASOOLI, H., MAC NEIL, S. & TOMLINSON, S. Inhibition of prostaglandin E_1 -responsive platelet adenylate cyclase by heparin: a study of the mechanism of inhibition and its relevance to platelet aggregation
- 649 GRAZIANO, JOSEPH, JONES, BRIAN & PISCOTTO, PATRICIA. The effect of heavy metal chelators on the renal accumulation of platinum after *cis*-dichlorodiammineplatinum II administration to the rat
- 655 CUNNINGHAM, JO & NEAL, M.J. On the mechanism by which veratridine causes a calcium-independent release of γ -aminobutyric acid from brain slices
- 669 MAJEWSKI, H., RAND, M.J. & TUNG, L.-H. Activation of prejunctional β -adrenoceptors in rat atria by adrenaline applied exogenously or released as a co-transmitter
- 681 MINCHIN, M.C.W. The effect of anaesthetics on the uptake and release of γ -aminobutyrate and D-aspartate in rat brain slices
- 691 BLAIR, IAN A., CRESP, TERRY M. & MACDERMOT, JOHN. Divalent cations increase [3H]-prostacyclin binding to membranes of neuronal somatic hybrid cells
- 695 EL TAHIR, K.E.H. & WILLIAMS, K.I. Trapped blood elements within the decidua of the rat pregnant uterus generate a lipoxygenase product(s) which inhibits myometrial prostacyclin synthesis

- 703 GREEN, A.R., HALL, J.E. & REES, A.R. A behavioural and biochemical study in rats of 5-hydroxytryptamine receptor agonists and antagonists, with observations on structure-activity requirements for the agonists
- 721 FLORENCE, VERENA M., HUME, W.R. & MATSUNAGA, MARSHA L. Choline acetyltransferase activity in the sympathetic nerves of the rabbit ear artery
- 725 EVANGELISTA, S., MAGGI, C.A. & MELI, A. The role of the local anaesthetic properties of β -adrenoceptor blocking agents in antagonizing CaCl_2 -induced arrhythmias in the rat
- 729 BERRIDGE, MICHAEL J. & HESLOP, JOHN P. Separate 5-hydroxytryptamine receptors on the salivary gland of the blowfly are linked to the generation of either cyclic adenosine 3',5'-monophosphate or calcium signals
- 739 SIMMONDS, M.A. Distinction between the effects of barbiturates, benzodiazepines and phenytoin on responses to γ -aminobutyric acid receptor activation and antagonism by bicuculline and picrotoxin
- 749 JOHNS, EDWARD J. An investigation into the type of β -adrenoceptor mediating sympathetically activated renin release in the cat
- 755 CARPENTER, SANDRA E. & LYNN, BRUCE. Vascular and sensory responses of human skin to mild injury after topical treatment with capsaicin
- 759 NASH, H.L. & WALLIS, D.I. Effects of divalent cations on responses of a sympathetic ganglion to 5-hydroxytryptamine and 1,1-dimethyl-4-phenyl piperazinium
- 773 COLEMAN, R.A., HUMPHREY, P.P.A., KENNEDY, I., LEVY, G.P. & LUMLEY, P. Comparison of the actions of U-46619, a prostaglandin H_2 -analogue, with those of prostaglandin H_2 and thromboxane A_2 on some isolated smooth muscle preparations.
- 779 NAKAMURA, HIDEO & SHIMIZU, MASANAO. Site of analgesic action of a non-steroidal, anti-inflammatory drug, tolmetin sodium, in rats
- 787 STONE, T.W. Theophylline does not affect morphine inhibition of the isolated vas deferens
- 791 STONE, T.W. The effects of 4-aminopyridine on the isolated vas deferens and its effects on the inhibitory properties of adenosine, morphine, noradrenaline and γ -aminobutyric acid