

# British Journal of Pharmacology

## PAPERS

- FUJIWARA, SHIGERU, ITOH, TAKEO & SUZUKI, HIKARU Membrane properties and excitatory neuromuscular transmission in the smooth muscle of dog cerebral arteries
- LITTLE, HILARY J. Effects of ketamine and of high pressure on the responses to  $\gamma$ -aminobutyric acid of the rat superior cervical ganglion *in vitro*
- DAVIS, MICHAEL & MENKES, DAVID B. Tricyclic antidepressants vary in decreasing  $\alpha_2$ -adrenoceptor sensitivity with chronic treatment: assessment with donidine inhibition of acoustic startle
- DE NEEF, J.H., JORDAAN, K.M. & PORSIUS, A.J. The effects of paraoxon on blood pressure in the anaesthetized and in the conscious rat
- DE NEEF, J.H. & PORSIUS, A.J. The pressor effects of paraoxon in the pithed rat
- FREEMAN, J.J., KOSH, J.W. & PARRISH, J.S. Peripheral toxicity of hemicholinium-3 in mice
- KARHI, TAINA, RANTALA, ARTO & TOIVONEN, HANNU Pulmonary inactivation of 5-hydroxytryptamine is decreased during cigarette smoke ventilation of rat isolated lungs
- AINSWORTH, GILLIAN A., GARLAND, L.G. & PAYNE, A.N. Modulation of bronchoconstrictor responses to histamine in pithed guinea-pigs by sympathetic nerve stimulation
- MARTIN, R.J. Electrophysiological effects of piperazine and diethylcarbazine on *Ascaris suum* somatic muscle
- PIPER, PRISCILLA J., & SAMHOUN, MARWA, N. Stimulation of arachidonic acid metabolism and generation of thromboxane  $A_2$  by leukotrienes  $B_4$ ,  $C_4$  and  $D_4$  in guinea-pig lung *in vitro*
- ELLIOTT, J.M. & GRAHAME-SMITH, D.G. The effects of monovalent and divalent cations on the  $\alpha$ -adrenoceptor of intact human platelets
- RICCIOPPO NETO, FRANCISCO Electrophysiological effects of the salicylates on isolated atrial muscle of the rabbit
- 293 LEEDHAM, JUDITH A., PENNEFATHER, JOCELYN N. Dopamine acts at the same receptors as noradrenaline in the rat isolated vas deferens
- 301 ANDERSSON, PER Effects of inhibitors of anaphylactic mediators in two models of bronchial anaphylaxis in anaesthetized guinea-pigs
- 309 DUCHENE-MARULLAZ, P., FABRY-DELAIGUE, R., GUEORGUIEV, G. & KANTELIP, J.P. Influence of chloralose and pentobarbitone sodium on atrioventricular conduction in dogs
- 319 FLAVAHAN, N.A. & McGRATH, J.C.  $\alpha_1$ -Adrenoceptor activation can increase heart rate directly or decrease it indirectly through parasympathetic activation
- 329 CUSACK, N.J. & HOURANI, S.M.O. Competitive inhibition by adenosine 5'-triphosphate of the actions on human platelets of 2-chloroadenosine 5'-diphosphate, 2-azidoadenosine 5'-diphosphate and 2-methylthioadenosine 5'-diphosphate
- 335 JONSSON, G. & NWANZE, E. Selective (+)-amphetamine neurotoxicity on striatal dopamine nerve terminals in the mouse
- 347 DAUM, P.R., HILL, S.J. & YOUNG, J.M. Histamine  $H_1$ -agonist potentiation of adenosine-stimulated cyclic AMP accumulation in slices of guinea-pig cerebral cortex: comparison of response and binding parameters
- 359 ITO, H. & NISHI, K. Frequency-dependent depression of ganglionic transmission by propranolol and diltiazem in the superior cervical ganglion of the guinea-pig
- 363 SMITH, PETER A. The use of low concentrations of divalent cations to demonstrate a role for N-methyl-D-aspartate receptors in synaptic transmission in amphibian spinal cord
- 375 KALSNER, STANLEY Evidence against the unitary hypothesis of agonist and antagonist action at presynaptic adrenoceptors
- 351 NUTTALL, A. & SNOW, H.M. The cardiovascular effects of ICI 118,587: a  $\beta_1$ -adrenoceptor partial agonist