

British Journal of Pharmacology

VOLUME 117 (4) FEBRUARY 1996

PAPERS

P.B.S. Clarke & M. Reuben. Release of [3 H]-noradrenaline from rat hippocampal synaptosomes by nicotine: mediation by different nicotinic receptor subtypes from striatal [3 H]-dopamine release **595**

C. Corriu, M. Félétou, E. Canet & P.M. Vanhoutte. Inhibitors of the cytochrome P450-mono-oxygenase and endothelium-dependent hyperpolarizations in the guinea-pig isolated carotid artery **607**

I. Utsunomiya, M. Ito, K. Watanabe, S. Tsurufuji, K. Matsushima & S. Oh-ishi. Infiltration of neutrophils by intrapleural injection of tumour necrosis factor, interleukin-1, and interleukin-8 in rats, and its modification by actinomycin D **611**

E.-R. Sailer, L.R. Subramanian, B. Rall, R.F. Hoernlein, H.P.T. Ammon & H. Safayhi. Acetyl-11-keto- β -boswellic acid (AKBA): structure requirements for binding and 5-lipoxygenase inhibitory activity **615**

G.J. Southan, B. Zingarelli, M. O'Connor, A.L. Salzman & C. Szabó. Spontaneous rearrangement of aminoalkylisothioureas into mercaptoalkylguanidines, a novel class of nitric oxide synthase inhibitors with selectivity towards the inducible isoform **619**

M. Dumas, J.-P. Dumas, L. Rochette, C. Advenier & J.-F. Giudicelli. Comparison of the effects of nicorandil, pinacidil and nitroglycerin on hypoxic and hypercapnic pulmonary vasoconstriction in the isolated perfused lung of rat **633**

S.W. Castro, G. Buell, W. Feniuk & P.P.A. Humphrey. Differences in the operational characteristics of the human recombinant somatostatin receptor types, sst₁ and sst₂, in mouse fibroblast (Ltk⁻) cells **639**

A. Zanotti, R. Mariot, A. Contarino, M. Lipartiti & P. Giusti. Lack of anticonvulsant tolerance and benzodiazepine receptor down regulation with imidazenil in rats **647**

K. Yokotani, Y. Okuma & Y. Osumi. Inhibition of vagally mediated gastric acid secretion by activation of central prostanoid EP₃ receptors in urethane-anaesthetized rats **653**

E.L. Gustafson, M.M. Durkin, J.A. Bard, J. Zgombick & T.A. Branchek. A receptor autoradiographic and *in situ* hybridization analysis of the distribution of the 5-HT₇ receptor in rat brain **657**

C.A. Herbert, M.J.P. Arthur & C. Robinson. Augmentation by eosinophils of gelatinase activity in the airway mucosa: comparative effects as a putative mediator of epithelial injury **667**

S. Rahman & R.S. Neuman. Characterization of metabotropic glutamate receptor-mediated facilitation of N-methyl-D-aspartate depolarization of neocortical neurones **675**

K. Walker, A. Dray & M. Perkins. Development of hyperthermia following intracerebroventricular administration of endotoxin in the rat: effect of kinin B₁ and B₂ receptor antagonists **684**

T. Frankiewicz, B. Potier, Z.I. Bashir, G.L. Collingridge & C.G. Parsons. Effects of memantine and MK-801 on NMDA-induced currents in cultured neurones and on synaptic transmission and LTP in area CA1 of rat hippocampal slices **689**

S. Usune, T. Katsuragi & T. Furukawa. Effects of PPADS and suramin on contractions and cytoplasmic Ca²⁺ changes evoked by AP₅A, ATP and α,β -methylene ATP in guinea-pig urinary bladder **698**

R. Büscher, C. Heeks, K. Taguchi & M.C. Michel. Comparison of guinea-pig, bovine and rat α_1 -adrenoceptor subtypes **703**

A. Hoey, C. Jackson, G. Pegg & M. Sillence. Atypical responses of rat ileum to pindolol, cyanopindolol and iodocyanopindolol **712**

D. Currò, A.R. Volpe & P. Preziosi. Nitric oxide synthase activity and non-adrenergic non-cholinergic relaxation in the rat gastric fundus **717**

D.J. Bootle, J.J. Adcock & A.G. Ramage. Involvement of central 5-HT_{1A} receptors in the reflex activation of pulmonary vagal motoneurons by inhaled capsaicin in anaesthetized cats **724**

R.G. Goldie, A.C. D'Aprile, G.J. Self, P.J. Rigby & P.J. Henry. The distribution and density of receptor subtypes for endothelin-1 in peripheral lung of the rat, guinea-pig and pig **729**

R.G. Goldie, A.C. D'Aprile, R. Cvetkovski, P.J. Rigby & P.J. Henry. Influence of regional differences in ET_A and ET_B receptor subtype proportions on endothelin-1-induced contractions in porcine isolated trachea and bronchus **736**

M.E.M. Benwell, P.E. Holtom, R.J. Moran & D.J.K. Balfour. Neurochemical and behavioural interactions between ibogaine and nicotine in the rat **743**

M.K. Munday, A. Fletcher & C.A. Marsden. Effects of 8-OHDPAT and 5-HT_{1A} antagonists WAY100135 and WAY100635, on guinea-pig behaviour and dorsal raphe 5-HT neurone firing **750**

A. Taberner, J. Giraldo & E. Vila. Effect of N^G-nitro-L-arginine methyl ester (L-NAME) on functional and biochemical α_1 -adrenoceptor-mediated responses in rat blood vessels **757**

G. Bertrand, R. Puech, Y. Maisonnasse, J. Bockaert & M.M. Loubatières-Mariani. Comparative effects of PACAP and VIP on pancreatic endocrine secretions and vascular resistance in rat **764**

Erratum **771**