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SHORT COMMUNICATION

315 BARTHÓ, L., PETHÓ, G. & RÓNAI, Z. Theophylline-sensitive modulation of non-cholinergic excitatory neurotransmission in the guinea-pig ileum

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319 KIMURA, I., KIMURA, M. & KIMURA, M. Modification by dantrolene, procaine and suxamethonium of caffeine-induced changes in aequorin luminescence transients and twitch tensions of directly-stimulated diaphragm muscle of mouse

327 DOCHERTY, J.R. & WARNOCK, P. An investigation of α -adrenoceptor responsiveness in the vas deferens of spontaneously hypertensive rats

335 DOCHERTY, J.R. & HYLAND, L. No evidence for differences between pre- and post-junctional α_2 -adrenoceptors

341 SZEKERES, L., UDVARY, É. & VÉGH, Á. Importance of myocardial blood flow changes in the protective action of diltiazem in a new model of myocardial ischaemia

351 CARAMONA, M.M. & SOARES-DA-SILVA, P. The effects of chemical sympathectomy on dopamine, noradrenaline and adrenaline content in some peripheral tissues

357 KLOCKGETHER, T., PARDOWITZ, I., SCHWARZ, M., SONTAG, K.H. & TURSKI, L. Evaluation of the muscle relaxant properties of a novel β -carboline, ZK 93423 in rats and cats

367 ADVENIER, C. & FRESLON, J.-L. The guinea-pig isolated bronchus for the *in vitro* study of small calibre airway reactivity

375 SHIRAKAWA, O. & TANAKA, C. Molecular characterization of muscarinic receptor subtypes in bovine cerebral cortex by radiation inactivation and molecular exclusion h.p.l.c.

385 KOBAYASHI, M., OHIZUMI, Y. & YASUMOTO, T. The mechanism of action of maitotoxin in relation to Ca^{2+} movements in guinea-pig and rat cardiac muscles

393 ALLEY, M.C. & UNGAR, A. Interactions of β -adrenoceptor antagonists and thyroid hormones in the control of heart rate in the dog

399 HUGHES, B. & PARRATT, J.R. The effects of the protease inhibitor, aprotinin, on the course of shock induced by endotoxin in cats

405 MIYAHARA, H. & SUZUKI, H. Effects of tyramine on noradrenaline outflow and electrical responses induced by field stimulation in the perfused rabbit ear artery

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427 LIM, S.P. & MUIR, T.C. Mechanisms underlying the electrical and mechanical responses of the guinea-pig internal anal sphincter to field stimulation and to drugs

439 BOUGHTON-SMITH, N.K. & WHITTLE, B.J.R. Increased metabolism of arachidonic acid in an immune model of colitis in guinea-pigs

447 AALKJAER, C., MULVANY, M.J. & NYBORG, N.C.B. Atrial natriuretic factor causes specific relaxation of rat renal arcuate arteries

455 McCULLOCH, M.W., PAPANICOLAOU, M. & RAND, M.J. Evidence for autoinhibition of stimulation-induced noradrenaline release from *vasa deferentia* of the guinea-pig and rat

465 FOREMAN, J.C., RISING, T.J. & WEBBER, S.E. A study of the histamine H_2 -receptor mediating relaxation of the parenchymal lung strip preparation of the guinea-pig

475 FOREMAN, J.C., NORRIS, D.B., RISING, T.J. & WEBBER, S.E. The binding of [3 H]-tiotidine to homogenates of guinea-pig lung parenchyma

483 BRADSHAW, C.M., SHERIDAN, R.D. & SZABADI, E. Excitatory neuronal responses to dopamine in the cerebral cortex: involvement of D_2 but not D_1 dopamine receptors

491 BRASS, E.P. & GARRITY, M.J. Effect of nonsteroidal anti-inflammatory drugs on glycogenolysis in isolated hepatocytes

497 AMBLER, J., BUTLER, K.D., KU, E.C., MAGUIRE, E.D., SMITH, J.R. & WALLIS, R.B. CGS 12970: a novel, long acting thromboxane synthetase inhibitor

505 DE BELLEROCHE, J. & GARDINER, I.M. Muscarinic receptors discriminated by pirenzepine are involved in the regulation of neurotransmitter release in rat nucleus accumbens

509 FREDHOLM, B.B., LINDGREN, E. & LINDSTRÖM, K. Treatment with N-ethylmaleimide selectively reduces adenosine receptor-mediated decreases in cyclic AMP accumulation in rat hippocampal slices

515 INOUE, M., MATSUO, T. & OGATA, N. Possible involvement of K^+ -conductance in the action of γ -aminobutyric acid in the guinea-pig hippocampus

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