
BRITISH JOURNAL OF PHARMACOLOGY

Contents

Page

Systematic Pharmacology

- 561 ALLEN, J. D., KOFI EKUE, J. M., SHANKS, R. G. and ZAIDI, S. A. The effect of Kö 1173, a new anticonvulsant agent on experimental cardiac arrhythmias. (SP1)
- 574 BOWMAN, W. C. and RODGER, I. W. Actions of the sympathomimetic bronchodilator, rimiterol (R798), on the cardiovascular, respiratory and skeletal muscle systems of the anaesthetized cat. (SP1, SP3, AP1)
- 584 JORDAN, L. M. and PHILLIS, J. W. Acetylcholine inhibition in the intact and chronically isolated cerebral cortex. (SP2, AP1)

Autopharmacology

- 596 BHARGAVA, K. P., MISHRA, N. and TANGRI, K. K. An analysis of central adrenoceptors for control of cardiovascular function. (AP1, SP1, SP2)
- 603 ENDOH, M., HASHIMOTO, K. and KIMURA, T. Effects of perivascular nerve stimulation on the contraction and automaticity of the blood-perfused canine papillary muscle. (AP1, SP1)
- 616 FOZARD, J. R. and MUSCHOLL, E. Effects of several muscarinic agonists on cardiac performance and the release of noradrenaline from sympathetic nerves of the perfused rabbit heart. (AP1, PK3, DM2)
- 630 ELIASH, SARAH and WEINSTOCK, MARTA. Factors influencing the adrenergic neurone blocking action of propranolol. (AP1)
- 635 BARTLET, A. L. Apparent differences between the effects of hyoscine *in vivo* and *in vitro* on the responses of chicken oesophagus to nerve stimulation. (AP1)

Pharmacokinetics

- 638 BALLINGER, B., BROWNING, M., O'MALLEY, K. and STEVENSON, I. H. Drug-metabolizing capacity in states of drug dependence and withdrawal. (PK2, CP, DM2)

Drug Mechanisms

- 644 BUTLER, K. and LEWIS, G. P. The effect of anti-inflammatory agents on the changes in local lymph after thermal injury. (DM1)
- 651 NORTHOVER, B. J. The effects of indomethacin on calcium, sodium, potassium and magnesium fluxes in various tissues of the guinea-pig. (DM1)
- 660 FARMER, J. B., KENNEDY, I., LEVY, G. P. and MARSHALL, R. J. Pharmacology of AH 5158; a drug which blocks both α - and β -adrenoceptors. (DM2, SP1, SP3)

Miscellaneous

- 676 CURREY, H. L. F. and FOWLER, P. D. A study of clofazimine in the rat. (M)

Contents-contd.

SHORT COMMUNICATIONS

- 682 BHARGAVA, K. P., BHARGAVA, RANI and GUPTA, M. B. Central adrenoceptors concerned in the release of adrenocorticotrophic hormone. (SP2, AP1, DM2)
- 684 COTTRELL, G. A., MACON, J. and SZCZEPANIAK, A. C. Glutamic acid mimicking of synaptic inhibition on the giant serotonin neurone of the snail. (DM1)
- 689 Bose, D. and INNES, I. R. Influence of sodium pumping on smooth muscle contraction. (M)

Systematic Pharmacology

Cardiovascular system SP1
Central nervous system SP2
Other physiological systems SP3

Pharmacokinetics

Storage, distribution, fate PK1
Synthesis, metabolism PK2
Uptake, release PK3

Clinical Pharmacology, Experimental

Therapy CP
Chemotherapy CT
Miscellaneous M

Autopharmacology

Adrenergic, cholinergic transmission AP1
Histamine, kinins, prostaglandins, etc. AP2
Hormones AP3

Drug Mechanisms

Molecular, cellular, biochemical, biophysical DM1
Receptors, antagonism, potentiation, tolerance DM2

Pharmacometrics PM

Psychopharmacology PP
Toxicology TX