
BRITISH JOURNAL OF PHARMACOLOGY

Contents

Page

Systematic Pharmacology

- 555 COHEN, M. M., GREENWAY, C. V., INNES, I. R., LISTER, G. E., MURTHY, V. S. and SCOTT, G. D. Further observations on mesenteric vasoconstriction, survival and the clotting defect after endotoxin administration. (SP1)
- 570 FAHIM, I., ISMAIL, M. and OSMAN, O. H. Role of 5-hydroxytryptamine in ketamine-induced hypothermia in the rat. (SP2)
- 577 ABOU, Y. Z., ADAM, H. M. and STEPHEN, W. R. G. Concentration of histamine in different parts of the brain and hypophysis of rabbit: effect of treatment with histidine, certain other amino acids and histamine. (SP2, PK2)

Autopharmacology

- 590 COQUIL, J. F., GORIDIS, C., MACK, G. and NEFF, N. H. Monoamine oxidase in rat arteries: evidence for different forms and selective localization. (AP1, SP1)
- 600 HOLZBAUER, MARGARETHE and YODIM, M. B. H. The oestrous cycle and monoamine oxidase activity. (AP1, AP3, PK2)
- 609 GARCIA DE JALÓN, P. D., MARTINEZ-SIERRA, R. and VELASCO, A. Interaction between tyramine and iproniazid on guinea-pig atria. (AP1, DM2)
- 612 ROSS, G. Effects of intracoronary infusions of acetylcholine and nicotine on the dog heart *in vivo*. (AP1, SP1)
- 620 CAPURRO, NORINE and LEVI, R. Anaphylaxis in the guinea-pig isolated heart: selective inhibition by burimamide of the positive inotropic and chronotropic effects of released histamine. (AP2, SP1, DM2)
- 629 VANE, J. R. and WILLIAMS, K. I. The contribution of prostaglandin production to contractions of the isolated uterus of the rat. (AP2, DM2, PK3)

Pharmacokinetics

- 640 HARANATH, P. S. R. K., KRISHNAMURTY, A., RAO, L. N. and SESHAGIRIRAO, K. Passage of gallamine from blood into the liquor space in man and in dog. (PK1, SP2, AP1)
- 646 SMITH, A. J. and SMITH, R. N. Kinetics and bioavailability of two formulations of amiloride in man. (PK1, CP)

Drug Mechanisms

- 650 GOODFORD, P. J., NORRINGTON, F. E., RICHARDS, W. H. G. and WALLS, L. P. Predictions of the antimalarial activity of arylamidinoureas. (DM1, CT, PM)
- 655 GOLDSTEIN, A. and SCHULZ, R. Morphine-tolerant longitudinal muscle strip from guinea-pig ileum. (DM2)
- 667 GRANATA, A. R. and LANGER, S. Z. Effects of cocaine or denervation on responses of isolated strips of cat spleen to (—)-noradrenaline and (—)-isoprenaline. (DM2)
- 676 PARKES, M. W. with an Appendix by GARDINER, D. G. The detection of differential β -adrenoceptor blockade in the cat. (DM2, AP1)
- 686 BAGWELL, E. E. and VAUGHAN WILLIAMS, E. M. Further studies regarding the structure activity relationships of β -adrenoceptor antagonists. (DM2, SP1)

Contents—continued

Clinical Pharmacology

- 693 RAWLINS, M. D. and SMITH, S. E. Influence of allopurinol on drug metabolism in man. (CP)

Miscellaneous

- 699 ATACK, C. V. The determination of dopamine by a modification of the dihydroxyindole fluorimetric assay. (M)

Short Communications

- 715 ASHTON, HEATHER, MILLMAN, J. E., TELFORD, ROSEMARY and THOMPSON, J. W. Stimulant and depressant effects of cigarette smoking on brain activity in man. (SP2, PP)
718 DINGLEDINE, R. and GOLDSTEIN, A. Lethality of the morphinan isomers levorphanol and dextrorphan. (DM2)

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