BRITISH JOURNAL OF PHARMACOLOGY

Contents

Page

Systematic Pharmacology

- 197 BASU RAY, B. N., BOOKER, W. M., DUTTA, S. N. and PRADHAN, S. N. Effects of microinjection of ouabain into the hypothalamus in cats. (SP1)
- 207 FITZGERALD, J. D. and O'DONNELL, STELLA R. A comparison of the haemodynamic effects of propranolol, 4-hydroxypropranolol and practolol in anaesthetized dogs. (SP1)
- 218 Dusting, G. J. and Rand, M. J. Depressor responses to spinal stimulation in the pithed rat. (SPI, API)
- 229 Massingham, R. and Nasmyth, P. A. The nature of the positive inotropic response of the isolated frog heart to theophylline and to iminazole. (SP1, DM1)
- 240 Fennessy, M. R. and Lee, J. R. Comparison of the dose-response effects of morphine on brain amines, analgesia and activity in mice. (SP2, AP1, PP)
- 249 Moir, A. T. B. Interaction in the cerebral metabolism of the biogenic amines. Effects of phenelzine on the cerebral metabolism of the 5-hydroxyindoles in dog brain. (SP2, PK1, PK2)
- Moir, A. T. B. and Yates, Celia M. Interaction in the cerebral metabolism of the biogenic amines. Effect of phenelzine on this interaction. (SP2, PK1, PK2)

Autopharmacology

- Burden, D. T. and Parkes, M. W. Assessment of the effectiveness of β -adrenoceptor blocking agents towards cardiac and bronchiolar responses of the pithed guinea-pig to electrical stimulation of the spinal outflow. (API)
- 284 AARSEN, P. N. and ZEEGERS, A. Effects of histamine, 5-hydroxytryptamine and bradykinin on the vascular system of isolated lungs of the guinea-pig and the influence of phenylbutazone on these effects. (AP2)
- 299 ALABASTER, VALERIE A. and BAKHLE, Y. S. The inactivation of bradykinin in the pulmonary circulation of isolated lungs. (AP2, PK2)
- 311 OKPAKO, D. T. A dual action of histamine on guinea-pig lung vessels. (AP2, DM2)
- 322 Green, K. L. The anti-inflammatory effect of catecholamines in the peritoneal cavity and hind paw of the mouse. (AP2, DM2)
- 333 ERSPAMER, V., FALCONIERI ERSPAMER, G., INSELVINI, M. and NEGRI, L. Occurrence of bombesin and alytesin in extracts of the skin of three European discoglossid frogs and pharmacological actions of bombesin on extravascular smooth muscle. (AP2, SP3)

Pharmacokinetics

BROWN, D. A. and HALLIWELL, J. V. Intracellular pH in rat isolated superior cervical ganglia in relation to nicotine-depolarization and nicotine-uptake. (PK1, AP1)

Clinical Pharmacology

360 BALASUBRAMANIAM, K., MAWER, G. E., POHL, J. E. F. and SIMONS, P. J. G. Impairment of cognitive function associated with hydroxyamylobarbitone accumulation in patients with renal insufficiency. (CP, PP)

Contents—continued

Toxicology

BAJGAR, J. Time course of acetylcholinesterase inhibition in the medulla oblongata of the rat by O-ethyl S-(2-dimethylaminoethyl) methylphosphonothioate in vivo. (TX, DM1)

SHORT COMMUNICATIONS

- 372 Bradley, P. B. and Dray, A. Short-latency excitation of brain stem neurones in the rat by acetylcholine. (SP2, AP1, DM2)
- 375 Jones, G. and Pertwee, R. G. A metabolic interaction in vivo between cannabidiol and ∆¹-tetrahydrocannabinol. (PK2, SP2, PP)
- 378 HALL, MOIRA T. Dependence of β-adrenoceptor mediated mechanical effects on the glycogen concentration in the rabbit isolated small intestine. (DM1, AP1)
- Nayler, Winifred G. Comparative partial agonist activity of β -adrenoceptor antagonists. (DM2, SP1)

Systematic Pharmacology

Cardiovascular system SP1 Central nervous system SP2 Other physiological systems SP3

Pharmacokinetics

Miscellaneous M

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

Clinical Pharmacology, Experimental Therapy CP Chemotherapy CT

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