



BRITISH JOURNAL OF PHARMACOLOGY

Contents

page

Systematic Pharmacology

- 159 GRUNDY, H. F. Cardiovascular effects of morphine, pethidine, diamorphine and nalorphine on the cat and rabbit. (SP1)
- 179 NICHOLAS, T. E. Responses of mean arterial pressure to pressor agents and diuretics in renal hypertensive and salt hypertensive rats. (SP1)
- 193 PARRATT, J. R. and WINSLOW, EILEEN. Cardiovascular pharmacology of quazodine (MJ-1988), with particular reference to effects on myocardial blood flow and metabolic heat production. (SP1)
- 205 SHAW, GRAHAM G. Hypothermia produced in mice by histamine acting on the central nervous system. (SP2, AP2)
- 215 HOPKIN, JUDY and NEAL, M. J. Effect of electrical stimulation and high potassium concentrations on the efflux of [14 C] glycine from slices of spinal cord. (SP2, PK3)
- 224 SIMMONDS, M. A. Inhibition by atropine of the increased turnover of noradrenaline in the hypothalamus of rats exposed to cold. (SP2, PK3, DM2)
- 230 SPARKES, C. G. and SPENCER, P. S. J. Antinociceptive activity of morphine after injection of biogenic amines in the cerebral ventricles of the conscious rat. (SP2, DM1)
- 242 DOGGETT, N. S. and SPENCER, P. S. J. Pharmacological properties of centrally administered ouabain and their modification by other drugs. (SP2, PP, DM1)

Autopharmacology

- 254 HAMILTON, T. C. Modification of the vascular response to isoprenaline by cholinomimetic drugs. (AP1, SP1, PK3)
- 263 KNOLL, J. and VIZI, E. S. Effect of frequency of stimulation on the inhibition by noradrenaline of the acetylcholine output from parasympathetic nerve terminals. (AP1, DM2)

Pharmacokinetics

- 273 BARTLET, A. L. 5-Hydroxytryptamine metabolism in sheep. (PK2, AP2)
- 281 BRUINVELS, J. Evidence for inhibition of the reuptake of 5-hydroxytryptamine and noradrenaline by tetrahydronaphthylamine in rat brain. (PK3, DM1)

Drug Mechanisms

- 287 FOY, J. M. and FURMAN, B. L. Effect of diuretics on mouse blood sugar following single dose administration. (DM1)
- 298 SANTOLUCITO, J. A. and WHITCOMB, E. Effect of paraoxon on erythrocyte metabolism as measured by oxygen uptake *in vitro*. (DM1)

Contents-contd.

SHORT COMMUNICATIONS

- 303 IGIĆ, R. Effect of oxotremorine on the acetylcholine content of whole brain and various brain regions in the pigeon. (SP2, AP1)
- 305 CAMARGO, A. and FERREIRA, S. H. Action of bradykinin potentiating factor (BPF) and dimer-caprol (BAL) on the responses to bradykinin of isolated preparations of rat intestines. (AP2, PK2)
- 308 LAYMAN, J. M. and MILTON, A. S. Distribution of tritium labelled Δ^1 -tetrahydrocannabinol in the rat brain following intraperitoneal administration. (PK1, SP2)
- 311 FLEISCH, J. H. Further studies on the effect of ageing on β -adrenoceptor activity of rat aorta. (DM1, SP1, AP1)

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