



OCT 20 1970

NATIONAL INSTITUTE OF HEALTH

BRITISH JOURNAL OF PHARMACOLOGY

Contents

page

Systematic Pharmacology

- 175 AYITEY-SMITH, E. and VARMA, D. R. An assessment of the role of the sympathetic nervous system in experimental hypertension using normal and immunosympathectomized rats. (SP1, AP1)
- 186 AYITEY-SMITH, E. and VARMA, D. R. Mechanism of the hypotensive action of methyl dopa in normal and immunosympathectomized rats. (SP1, DM1)
- 194 BRADLEY, P. B. and CANDY, J. M. Ionophoretic release of acetylcholine, noradrenaline, 5-hydroxytryptamine and D-lysergic acid diethylamide from micropipettes. (SP2, PK3, DM1)
- 202 BOAKES, R. J., BRADLEY, P. B., BRIGGS, I. and DRAY, A. Antagonism of 5-hydroxytryptamine by LSD 25 in the central nervous system: a possible neuronal basis for the actions of LSD 25. (SP2, DM1, DM2)
- 219 MCCULLOUGH, DEBORAH O., MILBERG, JANE N. and ROBINSON, S. M. A central site for the hypothermic effects of (+)-amphetamine sulphate and *p*-hydroxyamphetamine hydrobromide in mice. (SP2)
- 227 DODDS, M. G. and FOORD, R. D. Enhancement by potent diuretics of renal tubular necrosis induced by cephaloridine. (SP3, DM2, TX)
- 237 DHAWAN, B. N. and SHARMA, J. N. Facilitation of the flexor reflex in the cat by intrathecal injection of catecholamines. (SP2, AP1, DM2)

Autopharmacology

- 249 DE LA LANDE, I. S., HILL, B. D., JELLET, L. B. and McNEIL, J. M. The role of monoamine oxidase in the response of the isolated central artery of the rabbit ear to tyramine. (AP1, PK1, SP1)
- 257 GILLESPIE, J. S., MACLAREN, A. and POLLOCK, D. A method of stimulating different segments of the autonomic outflow from the spinal column to various organs in the pithed cat and rat. (AP1)
- 268 APPEL, W. C. and VINCENZI, F. F. Effects of hemicholinium and bretylium on the release of autonomic transmitters in the isolated sino-atrial node. (AP1, SP1, PK3)
- 275 KOSTERLITZ, H. W., LEES, G. M. and WALLIS, D. I. Synaptic potentials recorded by the sucrose-gap method from the rabbit superior cervical ganglion. (AP1)
- 294 LEME, J. GARCIA, HAMAMURA, L. and ROCHA E SILVA, M. Effect of anti-proteases and hexadimethrine bromide on the release of a bradykinin-like substance during heating (46° C) of rat paws. (AP2)
- 310 MITCHELL, R. G. and PORTER, J. F. Histamine and granulocytes in the umbilical cord blood of infants at birth. (AP2, CP)

Contents-contd.

page

- 317 NAKANO, J. Metabolism of prostaglandin E₁ in dog kidneys. (AP2, PK2)
326 NUSTAD, K. and RUBIN, I. Subcellular localization of renin and kininogenase in the rat kidney. (AP2)
334 BARRACLOUGH, M. A. and JONES, N. F. Effects of adenosine 3',5'-monophosphate on renal function in the rabbit. (AP3, SP3)
342 BISSET, G. W., CLARK, BARBARA J., KREJČÍ, I., POLÁČEK, I. and RUDINGER, J. Some pharmacological properties of a synthetic oxytocin analogue [1-N-carbamoyl-hemicystine-2-O-methyltyrosine]-oxytocin (carbamoyl-methyloxytocin), an antagonist to the neurohypophysial hormones. (AP3, DM2)

Psychopharmacology

- 361 AHTEE, LIISA and SHILLITO, ELIZABETH. The effect of benzodiazepines and atropine on exploratory behaviour and motor activity of mice. (PP)

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