British Journal of Pharmacology

SHORT COMMUNICATIONS

- 5 BESSER, G.M., GROSSMAN, DELITALA, A. & YEO, T. Metergoline and cyproheptadine suppress prolactin release by a non-5-hydroxytryptaminergic, non-dopaminergic mechanism
- 8 GUNDERSEN, CAMERON B. & JENDEN, DONALD J. Oxotremorine does not enhance acetylcholine release from rat diaphragm preparations
- 11 DIXON, M., JACKSON, D.M. & RICHARDS, I.M. The action of sodium cromoglycate on 'C' fibre endings in the dog lung

PAPERS

- 15 RODRIGUEZ, SERGIA & TAMARGO, JUAN Electrophysiological effects of impramine on bovine ventricular muscle and Purkinje fibres
- 25 FOX, K.R., OLSEN, R.K. & WARING, M.J., With an appendix by CHAKRAVARTY P.K. & OLSEN, R.K. Interaction between synthetic analogues of quinoxaline antibiotics and nucleic acids: role of the disulphide cross-bridge and D-amino acid centres in des-N-tetramethyl-triostin A
- 41P PROCEEL INGS OF THE BRITISH PHARMA-COLOGICAL SOCIETY, University of Bristol, 9th-11th April, 1980
- 41P JENNER, P., LUSCOMBE, G. & MARSDEN, C.D. 5-hydroxytryptamine (5-HT) dependent myoclonus in the guinea-pig may provide evidence for multiple cerebral 5-HT receptors
- 42P DICKISON, SARA E., DIGGORY, G.L., WOOD, M.D. & WYLLIE, M.G. The effects of a selective uptake blocker on 5-HT turnover in the CNS
- 43P CURZON, G., FERNANDO, J.C.R. & LEES, A.J.
 Use of amphetamine at high dosage in the study of
 DA-5HT interactions: effects of neuroleptics
- 44P CURZON, G., HUTSON, P.H. & TRICKLE-BANK, M.D. Role of 5-HT in shock-induced analgesia

- 45P ARBILLA, SONIA, KAMAL, LINDA A. & LANGER, S.Z. Presynaptic dopamine receptors modulate electrical stimulation but not amphetamine-evoked release of ³H-dopamine from the rabbit caudate nucleus
- 46P MITCHELL, I. & REDGRAVE, P. Effects of partial, unilateral nigro-striatal lesions on striatal histofluorescence and behavioural indices of dopamine transmission
- 47P WATLING, K.J. [³H]-Spiperone labels dopamine receptors in homogenates of bovine retina
- 48P MITCHELL, P.R. (introduced by DOGGETT, N.S.) Dopaminergic modulation of striatal [³H]-glutamic acid release
- 49P COSTALL, B., NAYLOR, R.J. & NOHRIA, V. Dopamine agonist and antagonist action after mesolimbic denervation
- 50P CARTER, C.J. (introduced by JENNER, P.) Glutamatergic pathways from the medial prefrontal cortex to the anterior striatum, nucleus accumbens and substantia nigra
- 51P JENNER, P., MARSDEN, C.D., REAVILL, C. & TAYLOR, R.J. Kainate-induced circling behaviour in rats
- 52P DAVIES, J., FRANCIS, A.A., JONES, A.W. & WATKINS, J.C. 2-Amino-5-phosphonovalerate (2APV), a highly potent and specific antagonist at spinal NMDA receptors
- 53P EVANS, R.H. Amino acid sensitivity of isolated spinal root fibres from the rat
- 54P DAWBARN, D. & PYCOCK, C.J. Motor responses evoked by N-methyl-D-aspartic acid and kainic acid from substantia nigra and ventral tegmental area in the rat
- 55P PYCOCK, C.J. & SMITH, L.F.P. Effect of dopamine on the release of [3H]-glycine and [3H]-taurine from the rat isolated retina
- 56P HARMAR, A., SCHOFIELD, J.G. & KEEN, P. Biosynthesis of substance P from [35S]-methionine in isolated sensory ganglia

DICKINSON, K.E.J. & NAHORSKI, S.R. Atypical β -adrenoceptors on frog and chick erythrocytes JOHNS, E.J. An attempt to characterise the

57P

63P

66P

72P

- 58P β -adrenoceptor mediating renin release in the cat ELLIOTT, J.M. & GRAHAME-SMITH, D.G.
- 59P Evidence for a single type of α -adrenoceptor on human platelets 60P
 - LANGER, S.Z., MASSINGHAM, R. & SHEP-PERSON, N.B. In vivo α-adrenoceptor selectivity of WB 4101: a widely used α₁-adrenoceptor ligand DOCHERTY, J.R. & MCGRATH, J.C. An analysis of the effects of mianserin on adrenergic mech-
- anisms 62P BOWMAN, ANNE, GILLESPIE, J.S. & MAR-TIN, W. Cardiovascular actions of the inhibitory
 - material extracted from the bovine retractor penis RAMAGE, A.G. A comparison of the effect of (\pm) -propranolol, hexamethonium and sodium
 - nitroprusside on the preganglionic sympathetic activity of the cat HAMILTON, C.A. & REID, J.L. Postsynaptic location of α_2 adrenoceptors in vascular smooth muscle
- PETTY, M.A. & REID, J.L. The effect of opiates 64P on baroreceptor reflex sensitivity in the normotensive rabbit 65P PARRATT, J.R. & UDVARY, EVA The effect of exaprolol (MG 8823) a new β-adrenoceptor blocking agent, on epicardial ST-segment changes in a feline model of acute myocardial ischaemia
- of adenosine in anaesthetized dogs GRUNDY, H.F. Differentiation of the multiple 67P effects of papaverine on the right and left auricles of guinea-pigs BROADLEY, K.J. & McNEILL, J.H. Differences 68P

CLANACHAN A.S. & MARSHALL, R.J. Diaze-

pam potentiates the coronary vasodilator actions

- between the functional antagonism of the positive inotropic and chronotropic responses to sympathomimetic amines by carbachol DAUGHERTY A. & WOODWARD, B. The effect of calcium on cyclic nucleotide levels in the rat isolated heart
- 70P FOSTER, R.W. & JONES, D.W. The effect of sodium thiosulphate upon some of the in vitro pharmacological properties of phenoxybenzamine 71P ACHOLEM, M.M. & TAYO, F.M. The rat iso-

GREEN, A.R. & NUTT, D.J. Altered monoamine-

mediated behaviours following bicuculline-induced

lated caecum

convulsions

69P

78P 79P

86P

73P

76**P**

single unit activity in the rat brain 77P

alamic neurones

acid antagonist

- BOWERY, N.G., DOBLE, A., HILL, D.R., HUD SON, A.L. & TURNBULL, M.J. GABA facilitate
- or inhibits the evoked release of [3H]-noradrena at separate receptors

COWEN, P.J., GREEN, A.R. & NUTT, D.I

Effect of anaesthetic administration on the appear ance of enhanced monoamine-mediated behav

MAYER, M.L. & STRAUGHAN D.W. Bicucul

line blocks 5-HT and GABA effects on rat hypoth

SIMMONDS, M.A. Leptazol as a γ-aminobutyri

KERWIN, R.W. & OLPE, H.-R. (Introduced by

PYCOCK, C.J.) The effect of sodium valproate of

iours following electroconvulsive shock

- line from rat cerebellar cortex slices by an action BISSET, G.W. & CHOWDREY, H.S. Central inhibition by GABA of the release of vasopressing
- by carbachol in the rat BUCKINGHAM, JULIA C. & HODGES, J.R. The effects of opioid substances on the secretion of corticotrophin releasing factor in the rat HART, S.L. & KITCHEN, I. Potassium stimu-

lated depletion of enkephalin in rat hypothalamus

- and its alteration by adrenocorticotrophin and corticosterone 80P GENT, J.P. & NORMANTON, J.R. Antagonism of the excitatory action of ACTH (1-24) by D-phe ACTH (4-10) on single neurones in the rat
- medulla 81 P GREEN, A.R., HEAL, D.J., SABBAGH, AMAL & YOUDIM, M.B.H. Behavioural effects of central and peripheral injection of two synthetic analogues of TRH EAKINS, K.E., HIGGS, G.A. & WHITTLE,
- 82P B.J.R. Differential effects of sodium salicylate and BW755C on prostaglandin formation in inflammatory exudates and the gastro-intestinal tract BAKHLE Y.S. & ZAKRZEWSKI, J.T. The influence of the oestrous cycle on the metabolism
- 83P of exogenous arachidonate in rat isolated lung BRAY, M.A., FORD-HUTCHINSON, A.W. &
 - SMITH, M.J.H. Generation of chemokinetic activity from rat polymorphonuclear leucocytes treated with calcium ionophore A23187 EL TAHIR, K.E.H. & WILLIAMS, K.I. Studies

EL TAHIR, K.E.H. & WILLIAMS, K.I. Oxytocic

drugs stimulate prostacyclin release from the rat

85P on prostacyclin formation by the rat pregnant myometrium

pregnant myometrium

- COKER, SUSAN J. & PARRATT, J.R. The effects of prostacyclin on infarct flow and epicardial ST-segment elevation in anaesthetized dogs
- 87P HORTON, E.W., PIPILI, E. & POYSER, N.L. The effect of nerve stimulation on release of pros
 - tacyclin (PGI₂) from the rat and rabbit mesenteric arteries
- 88P LACEY, SARAH M. & SANGER, G.J. Antagonism of prostanoid-induced contractions of rat stomach muscle by trimethoguinol or isoxsuprine
- COLEMAN, R.A., KENNEDY, I., LEVY, G.P. & 89P PENNING, CAROL An analysis of the prostanoid receptors mediating contraction of chick isolated ileum
- 90P SOKUNBI, YETUNDE O.O. (Introduced by OKPAKO, D.T.) Effect of prostaglandin synthetase inhibitors on indirectly evoked contractions of whole preparation and longitudinal muscle strips

of guinea-pig ileum

95P

95P

- 91P ADEAGBO, A.S.O. (Introduced by OKPAKO, D.T.) Reversal of α-adrenoceptor blockade by PGE₂ in rat isolated mesenteric artery 91 P HARMAN, R.J. & SHAW, G.G. Spontaneous and evoked release of [3H]-spermine from rat cerebral
- cortex slices 92P PACIOREK, P.M. & WYLLIE, M.G. The effects of drugs on cerebral cortex ATP levels in normal and hypoxic rats 94P
 - FOSTER, G.A. & ROBERTS, P.J. Stimulation of rat cerebellar cyclic GMP concentrations in vitro by glutamate-receptor agonists
 - KIDD, S.B. & GARDNER, C.R. Effect of antianxiety drugs, amphetamine and chloral hydrate on social interaction and locomotion in rats
 - effects of capsaicin on the isolated spinal cord of the immature rat HAYES, A.G., SKINGLE, M. & TYERS, M.B.
- 96P The antinociceptive effects of single doses of capsaicin in the rodent 97P MILTON, A.S. & SAWHNEY, VINITI K. Dissimilar effects of cycloheximide on the febrile responses to the intravenous and intracerebroventri-

AULT, B. (introduced by EVANS, R.H.) The

98P FOSTER, R.W., WESTON, A.H. & WESTON, K.M. Membrane effects of some chemical irritants on the giant amoeba (Chaos carolinense) 99P WRIGHT, D.J.M. & WELLER, M.P.I. (introduced by BAKER, J.B.E.) Inhibition by naloxone

cular administration of various pyrogens

of endotoxin-induced reactions in mice

- 100P HUGHES, BERNADETTE, MADAN B.R. & PARRATT, J.R. Polymyxin B sulphate markedly reduces the effects of E. coli endotoxin in anaesthetized cats
- 101P COOTE, J., HUMPHRAY, H.P., SKIDMORE, I.F., SIBLEY, P., STEWART, P.B. & WHITE, B. (Introduced by BRITTAIN, R.T.) Are inhibitory effects of anti-inflammatory steroids on chronic inflammation, acute oedema and cell accumulation in the rat mediated through a specific receptor?
- 102P GEORGE, A.J., COPELAND, J.R.M. & WIL-SON, K.C.M. Prolactin secretion and the postpartum blues syndrome 103P FOZARD, J.R., GROVE, J. & PRAKASH, N.J.

Ovarian function in the rat following irreversible

- inhibition of ornithine decarboxylase α-difluoromethylornithine 104P COX, BARRY & ENNIS, CHRISTINE Apomorphine and gastric emptying in the guinea-pig
- G.J., EMMETT, J.C., GANELLIN, C.R., PAR-SONS, M.E. & RASMUSSEN, A.C. SK&F 92994: a new histamine H₂-receptor antagonist 105P GRISTWOOD, R.W., OWEN, D.A.A. & SMITH,

105P BLAKEMORE, R.C., BROWN, T.H., DURANT,

- I.R. Inhibition by cimetidine of cardiac stimulation due to mast cell degranulation 106P SILAS, J.H., SMITH, B.M. & YATES, R.O. Unaltered lymphocyte β -adrenoceptor response in
- hypo- and hyperthyroidism 107P McINNES, G.T., SHELTON, J.R., ASBURY, M.J., HARRISON, I.R., RAMSAY, CLARKE, J.M. & VENNING, G.R. The activity in man of a new aldosterone antagonist (SC27169)
- 109P SANDLE, G.I., KEIR, M.J. & RECORD, C.O. (introduced by RAWLINS, M.D.) Enhancement of hydrocortisone absorption by actively transported solutes in the jejunum in man 110P BOYCE, M.J., OWEN, D.A.A. & WAREHAM, K.
- Modification of cardiovascular effects of histamine infusions in man by chloropheniramine and cimetidine 111P FARROW, P., THOM, S.A. McG., RAWLINS,
- M.D. & JAMES, OLIVER Chenodeoxycholic acid: Effects on the clearance of antipyrine and isoniazid in man 111P CALDWELL, J., LAWRIE, C.A. & MONKS, T.J.

The effect of increased caffeine intake on the

- metabolism and pharmacokinetics of theophylline in man 112P CALDWELL, J., DAVIES, S. & SMITH, R.L.
- Inter-individual differences in the conjugation of paracetamol with glucuronic acid and sulphate

- 113P BADAWY, A.A.-B. Haem utilization by rat liver tryptophan pyrrolase as a screening test for drug exacerbation of hepatic porphyrias
- 114P PANG, J.A., BLACKBURN, J.P., BUTLAND, R.J.A. & GEDDES, D.M. (introduced by LANT,
- A.F.) First-pass propranolol uptake by dog lungs 116P BARBER, H.E., KITTERINGHAM, N.R. & PETRIE, J.C. Reduction of the first pass elimin
 - ation of propranolol by the co-administration of chlorpromazine
- 116P BENNETT, P.N., NOTARIANNI, LIDIA J. & SUPRADIST, S. Effect of enzyme induction on the pharmacokinetics of lignocaine and tocainide in rat
- 117P LEWIS, D.A. & RAYMONT, C.M. Effects of oxidative N-demethylation on mouse liver lysosomes and liver function

118P MORRIS, H.R., PIPER, PRISCILLA J., SAM-HOUN, MARWA N., TAYLOR, G.W. & TIP-

- PINS, J.R. Structure of slow-reacting substances 119P LEWIS, A. & WILSON, C.W.M. A protective factor in guinea-pig urine against anaphylaxis 120P BOARDMAN, LESLEY E. (Introduced by MOR-LEY, J.) Interactions between theophylline and
- theophylline derivatives in producing relaxation of guinea-pig isolated tracheal chains 122P ANDERSON, A.A., ASHRAF, A.J., FLETCHER, THELMA C. & SMITH, G.M. Biologically active peptides in the skin of the plaice (Pleuronectes platessa L.) 122P YOUNG, KEVIN D. & CHURCH, MARTIN K.
- Tolerances to sodium chromoglycate in human lung fragments in vitro 123P VERGARA, G.A. & LIVINGSTON, A. Effect of halothane on colchicine binding by tubulin 124P BHATTACHERJEE, P. & WILLIAMS, R.N.
- The iris-ciliary processes as a possible site of 125P HUMPHREY, P.P.A. & LUMLEY, P. A method for the analysis of drug-receptor interactions on platelets in human whole blood in vitro

126P McELNAY, J.C. (introduced by D'ARCY, P.F.)

Intraocular pressure and microtubule inhibitors:

Interaction of phenytoin with antacid constituents and kaolin 127P CHAHWALA, S.B. & HARPUR, E.S. Use of rat

tamine

isolated renal tubules for evaluation of the mechanisms of aminoglycoside nephrotoxicity 128P ANWAR, N. & MASON, D.F.J. Responses of rabbit isolated basilar artery to transmural nerve stimulation, noradrenaline and 5-hydroxytryp-

- 129P BELD, A.J. & RODRIGUES DE MIRANDA J.F. Inhibition of [3H]-dexetimide binding by a homologous series of methylfurthrethonium analogues at the peripheral muscarinic receptor
- 130P BROXTERMAN, H.J., VAN VALKENBURG, C.F.M. & NOACH, E.L. (introduced by SCHÖN
- BAUM, E.) Different changes in dopamine metabolism in the striatum and olfactory tubercle of the
- rat after HA-966 131P BENNETT, G.W., MARSDEN, C.A., SHARP, T.
 - & STOLZ, J.F. Simultaneous measurement of endogenous release of dopamine, noradrenaline 5-hydroxytryptamine and thyrotrophin releasing hormone (TRH) from rat brain slices in vitro
- 132P CURZON, G. & TRICKLEBANK, M.D. Prevention of L-tryptophan induced hypoactivity by 5-HT antagonists and by the peripheral aromatic amino acid decarboxylase inhibitor RO4-4602
- 132P CURZON, G., HUTSON, P.H. & KNOTT, P.J. Behavioural and voltammetric evidence for involvement of 5-hydroxytryptamine in tail pinch induced gnawing 133P BAKER, H.F., JOSEPH, M.H. & RIDLEY,
- ROSALIND M. HPLC analysis of tryptophan, 5HIAA and HVA using fluorescence and electrochemical detection; the effect of probenecid studied in primate ventricular CSF 134P KENDALL, T.J.G. & MINCHIN, M.C.W. (Introduced by ANGEL, A.) The effect of thiopentone and methohexitone on [14C]-GABA and [3H]-D-
- of the stereoisomers of the GABA uptake inhibitor 2,4-diaminobutyric acid on GABA metabolism in rat striatal slices in vivo

aspartate release from rat thalamic slices

135P PYCOCK, C.J. & TABERNER, P.V. The effects

- 136P KERWIN, R.W. & PYCOCK, C.J. The action of adenosine on [3H]-neurotransmitter release from 137P ROBERTS, P.J. & ROWLANDS, GETHIN J. Release of glutamate from cortico-striatal termin-
- als is regulated by activation of dopamine recep-138P LEAKE, LUCY D., SUNDERLAND, A.J. & WALKER, R.J. Is there a common receptor mediating the inhibitory actions of 5-hydroxytryptamine (5-HT) and dopamine on leech Retzius
- cells? 139P MARTIN, R.J. (introduced by ALEXANDER, F.)

postsynaptic dopamine receptors

The voltage sensitivity of GABA antagonists at the bag region of Ascaris muscle 140P DREW, G.M. & HILDITCH, A. Effects of fluphenazine and sulpiride at peripheral pre- and

- 141P NICHOLSON, A.N. & WRIGHT, CATHERINE
 - M. Spatial delayed alteration behaviour in the
 - monkey (Macaca mulatta): Comparative effects of
 - thieno- and benzo-diazepines
- 141P BRADSHAW, C.M., PUN, R.Y.K., SLATER, N.T. & SZABADI, E. A novel procedure for com
 - paring the transport numbers of unlabelled drugs released from micropipettes by microelectrophor-
 - esis
- 142P PEACOCK, R., SKINGLE, M. & TYERS, M.B.
 - Evaluation of antinociceptive activity in the conscious marmoset (Callithrix jacchus) by using
- stimulation of the tooth pulp 143P FOZARD, J.R. Differences between receptors for 5-hydroxytryptamine on autonomic neurones
- 144P ANDREWS, P.R., EVANS, R.H., JOHNSTON, G.A.R. & WILLOW, M. Direct excitant action of convulsant barbiturates
- 145P DEAN, P., REDGRAVE, P., SOUKI, W. & LEWIS, G. Behavioural effects of microinjections of picrotoxin into rat superior colliculus, and their
- modulation by intranigral 6-OHDA 146P ROBERTS, P.J., SHARIF, N.A. & SWAIT, J.C. Characteristics of L-[3H]-aspartate binding to cerebellar synaptic membranes
- 147P HILL, R.G. & MORRIS, R. Responses of neurones in medial caudal medulla to iontophoretically applied opioids 148P COSTALL, B., DE SOUZA, C.X. & NAYLOR,
 - R.J. Dopamine receptors mediating different motor responses may have differential topography in the guinea-pig striatum
- 149P COX, B. & LEE, T.F. Comparison of core temperature changes induced by intrahypothalamic injection of 5-hydroxytryptamine and tryptamine in the rat
- 150P WHEELER, H. (introduced by COX, B.) Effect of intrapallidal injection of GABA drugs on headturn induced by electrical stimulation of the striatum in rats--in vivo evidence for different GABA receptors in the CNS?
- 151P POAT, JUDITH A., SUMNERS, C. & WOOD-RUFF, G.N. The effects of centrally administered 2-amino-6,7-dihydroxy-1,2,3,4dopamine and tetra-hydronaphthalene (ADTN) on water and food intake in the rat
- 152P HALL, M.D., JENNER, P., MARSDEN, C.D. & THEODOROU, A. $[^3H]$ - (\pm) -Sulpiride specific binding to rat striatal preparations is sodium dependent
- 153P KELLY, P.D., LANE, A.C., RANCE, M.J. & TRAYNOR, J.R. Opiate receptors in rat spinal cord

- 154P DASCOMBE M.J. & MILTON, A.S. Thermoregulatory effects of guanosine 3',5'-monophosphate in the cat
- 155P CUNNINGHAM, JO & NEAL, MICHAEL The mechanism of veratridine evoked GABA release from brain slices

156P CUNNINGHAM, JO R., MARSHALL, JOHN &

- NEAL, MICHAEL J. The radioautographical localization in the vertebrate retina of $[^3H]$ -(+)cis-aminocyclohexane carboxylic acid (ACHC) a selective inhibitor of neuronal GABA transport
- 157P NICHOLSON, A.N., STONE, BARBARA M. & PASCOE, PETA A. Effect of a triazolo-thienodiazepine (brotizolam) on sleep and on performance
- in man 157P BOYCE, M.J., BALASUBRAMANIAN, V. & WAREHAM, K. (introduced by OWEN, D.A.A.)

Cardiovascular effects in man of impromidine, a

- novel and specific histamine H₂-receptor agonist 158P HENRY, J.A. (introduced by TURNER, P.) Salicylate frusemide interactions
- 159P FLETCHER, J.E., HILL, R.G. & THOMAS, T.A.
- β -Endorphin and parturition 160P BUTCHERS, JANET, HUMPHREY, P.P.A., HYDE, J.J., LUMLEY, P. & SPURLING, N.W. The evaluation of a new electronic counting technique for measurement of platelet aggregation in human whole blood in vitro
- 161P MARTIN, M.A., SILAS, J.H. & SMITH, B.M. Effects of β -adrenoceptor blockers on platelet function and serotonin concentrations 163P NUNN, BARBARA & WHITE, J.P.N. Inhibitors of platelet aggregation have different activity in blood than in platelet-rich plasma
 - 164P ASMAWI, M.Z., IRVING, G. & MCCURRIE, J.R. (introduced by LEACH, G.D.H.) The effect of magnesium ions on the responses of arterial smooth muscle to noradrenaline, histamine and
- 165P FORSTER, CHRISTINE & WHALLEY, E.T. Comparison of the 5-hydroxytryptamine-induced contraction of human basilar arterial and rat aortic strips in vitro 166P ABDULLAH, F.M., FRENCH, A.M. & SCOTT,

adenosine 5' triphosphate (ATP)

- N.C. Effects of a benzotriazinium salt on guineapig atria and in the pithed rat 167P FADLOUN, Z. & LEACH, G.D.H. 'In vivo' and
- 'in vitro' measurement of changes in sympathetic nervous control of vascular and non-vascular tissues in rats chronically treated with Cd²⁺
- 168P HICKS, R. & SAHYOUN, H.A. Abnormal electrocardiographic activity revealed by rat isolated heart preparations at various times after experimental myocardial infarction

- 169P ARMSTRONG, J.M., CAVERO, I. & LEFÈVRE-BORG, FRANÇOISE Some agents that stimulate
- presynaptic α_2 -adrenoceptors produce bradycardia in pentobarbitone anaesthetised rats by an action on peripheral cardiac sympathetic nerves
- 170P BARNETT, P., DOCHERTY, J.R., FLAVAHAN, N.A., HART, J.K. & MCGRATH, J.C. An analysis of 'adrenaline reversal' and of other depressor responses in the pithed rat
- 171P ANDERSON, A.A., GOADBY, P., HOOPER, M. & THONOOR, M. Are the cardiac and smooth muscle activities of papaverine-like compounds due to inhibition of phosphodiesterase? 171P DOXEY, J.C. & HERSOM, A.S. The relationship
- between the selectivity of agonists for presynaptic x2-adrenoceptors and their cardiovascular responses in the anaesthetised rat 173P PANG, J.A., BLACKBURN, J.P., BUTLAND, R.J.A., WILLIAMS, T.R. & GEDDES, D.M. (introduced by LANT, A.F.) The effect of general anaesthesia on first-pass propranolol uptake in
- dog lungs in vivo 173P GRIFFITHS, K.F. & McLEAN, W.G. A pharmacological comparison of rapid and slow axonal transport in rabbit vagus nerve
- 174P FLYNN, SHEILA B. & OWEN, D.A.A. Histamine and cardiac function in anaesthetised guinea-pigs 175P COLLIER, H.O.J., CUTHBERT,
- FRANCIS, D.L. Induction of responsiveness to phentolamine by incubation of guinea-pig ileum with clonidine in vitro 176P AZMATULLAH, S. & MORRIS, I.D. The effect of environmental temperature on the thermoregu-
- latory response to peripheral histamine administration in the rat 177P EVANS, J., FORD, R.E., LESWELL, P.F., MAR-SHALL, S.M. & WALKER, J.L. M & B 22,948—A novel anti-allergic drug
- 178P BUNCE, K.T., CLAYTON, N.M., DALY, M.J., HUMPHRAY, J.M. & STABLES, R. Protection against aspirin-induced gastric lesions in the rat by the H₂-receptor antagonists ranitidine and cimetidine
- 178P CANFIELD, S.P., PRICE, C.A. & SPENCER, J.E. Noradrenaline and gastric acid secretion by the rat isolated stomach
- 179P DACKE, C.G., ABEL DE LA CRUZ, L., POL-LARD, S. & KENNY, A.D. Modification of radioreceptor assay for 1,25-dihydroxyvitamin D using gut cytosolic receptor from adult male or immature Japanese quail

- 180P KINGSTON, W.P. Inhibition of phospholipase A activity in the perfused rat kidney by steroid antiinflammatory drugs
- 181P BISHOP, H., SCHNEIDER, R.E. & WELLING, P.G. Plasma propranolol concentrations in rats with adjuvant induced arthritis
- 182P EAKINS, K.E., HIGGS, G.A., MONCADA, S. & MUGRIDGE, K.G. Non-steroid anti-inflammatory drugs which potentiate leukocyte migration in
- carrageenin-induced inflammation 183P FORD-HUTCHINSON, A.W., SHIPLEY, M.E. & SMITH, M.J.H. Polymorphonuclear leucocyte aggregation: a possible bioassay for lipoxygenase products 183P BEETS, J.L. & PAUL, W. (Introduced by MOR-
- LEY, J.) Effects of partially-purified guinea-pig SRS-A on plasma protein extravasation in guineapig skin
- 184P BATES, R.F.L., BUCKLEY, G.A. & STRETTLE, R.J. Inhibition of histamine-induced mouse pinnal oedema by reserpine
- 185P BUTCHER, M.J., CLAY, T.P. & THOMPSON, M.A. (Introduced by MILLER, P) Inhibition of histamine induced bronchoconstriction by prostaglandin F₂ \alpha —a sympathetic mechanism
- hypersensitivity 187P ALBUTT, M.G.V., BROWN, R.A., PUGH, I. & RICE, P.D. A digital computer system for the online analysis of cardiovascular data

186P HAMBLETON, P., MILLER, P., ROBSON, E. &

SMITH, S. Differential modulation of delayed

- 188P BATEMAN, D.N. & WHITTINGHAM, T.A. The measurement of gastric motor function by realtime ultrasound
- 188P HILL, R.G., MORRIS, R. & SALT, T.E. Nociceptive responses of neurones in trigeminal nucleus caudalis of the rat 189P LAWRENCE, D. & LIVINGSTON, A. A com-
- parison of the analgesic activity of ketamine using two different methods of assessment 189P MORRIS, R.G. & TABERNER, P.V. A cheap and simple ultrasonic device for quantifying animal activity
- 190P ASHWOOD, T. & MICHELL, J.F. The release of met-enkephalin from the intact brain
- 190P BARLOW, R.B., HARMAR, A.J. & JONES, P. Some uses of PET computers in pharmacology
- 190P EVANS, R.H. & TABERNER, P.V. Maximizing the positive: techniques for the presentation and publication of pharmacological data