British Journal of Pharmacology

PAPERS

- 739 DEMICHEL, PATRICA, GOMOND, PATRICK & ROQUEBERT, JACQUES. Pre- and postsynaptic α-adrenoceptor blocking activity of raubasine in the rat vas deferens
- 747 PELLMAR, TERRY C. Does cyclic 3',5'-adenosine monophosphate act as second messenger in a voltagedependent response to 5-hydroxytryptamine in Aplysia?
- 757 PROCEEDINGS OF THE FIFTIETH ANNIVER-SARY MEETING OF THE BRITISH PHAR-MACOLOGICAL SOCIETY, University of Oxford, 16th-18th September 1981
- 757P BRADSHAW, C.M., STOKER, M.J. & SZABADI, E. The effects of clonidine on cortical neurones: evidence for its action as a partial agonist at α₁-adrenoceptors
- 758P GOWER, ALMA, J. & MARRIOTT, A.S. Pharmacological evidence for the subclassification of central dopamine receptors in the rat
- 759P FREEDMAN, S.B., TEMPLETON, WILMA. W., POAT, JUDITH, A. & WOODRUFF, G.N. The effect of ADTN and some of its derivatives on dopamine receptor binding in rat striatum
- 760P SUGRUE, M.F. Effect of chronic antidepressant administration on rat frontal cortex α_2 and β -adrenoceptor binding
- 761P CURZON, G., HUTSON, P.H. & TRICKLEBANK, M.D. Involvement of dopamine in the analgesic response induced by footshock
- %2P ASHKENAZI, R., BEN-SHACHAR, D. & YOUDIM, M.B.H. Dopamine receptors and dopamine dependent behaviours it iron-deficient rats
- 163P KALARIA, R.N., KOTAS, A.M., PRINCE, A.K. & REYNOLDS, R. Neuronal development in discrete areas of rat brain during neonatal thyroid deficiency
- 764P PEDATA, F. & PEPEU, G. Effect of adenosine on acetylcholine output from electrically stimulated brain slices
- 765P CLARKE, P.B.S. & KUMAR, R. Changes in locomotor activity in rats following acute and chronic treatments with nicotine

- 766P COSTALL, BRENDA, NAYLOR, R.J. & NOHRIA, V. Chronic L-Dopa-benserazide treatment facilitates dopamine-dependent dyskinesias in the guinea-pig
- 766P CLARKE A. & FILE, SANDRA E. Neurotoxin lesions of the lateral septum and changes in social and aggressive behaviours
- 767P RODRIGUEZ DEL CAMINO, I.L. & SHARMAN, D.F. Apomorphine antagonizes the stereotyped behaviour produced by metoclopramide in the guinea-pig
- 768P BRADLEY, CATHERINE M. & NICHOLSON, A.N. Triazolam and related 1,4-benzodiazepines: spatial delayed alternation behaviour in the monkey (Macaca mulatta)
- 770P FLETCHER, A., GREEN, D., ROTHWELL, N.J., STEPHENS, R.J., STOCK, M.J. & WYLLIE, M.G. Ciclazindol increases resting metabolic rate in rats in the absence of CNS stimulation
- 771P HARVEY, D.J. & LEUSCHNER, J.T.A. (introduced by PATON, W.D.M.). Pharmacokinetics and metabolism of Δ¹-tetrahydrocannabinol in rabbits and mice.
- 772P BARBER, H.E., KITTERINGHAM, N.R., PETRIE, J.C. & SMITH, K.J. The inhibition of the first pass metabolism of propanolol in the pithed rat correlation of *in vitro* and *in vivo* pharmacokinetic parameters
- 772P COULSON, R.W.S. & FRY, J.R. Deficient glucuronidation of 4-hydroxybiphenyl in hepatocytes isolated from diabetic rats.
- 773P GRAHAM, LESLEY & SKETT, P. A comparison of drug conjugation in male and female rat liver cubes and isolated microsomes
- 774P CALDWELL, J., HORNER, MARIAN W., HOUGH-TON, E., HUTT, A.J., VARWELL MARSH, MARY, MOSS, M.S. & SMITH, R.L. Metabolic conjugation of some carboxylic acids in the horse
- 775P GRIFFITHS, N.M., HEWICK, D.S. & STEVENSON, I.H. The effect of passive immunisation with digoxin-specific antibodies on digoxin handling and response
- 776P BELL, G.D., KITCHINGMAN, G., MACDONALD, I.A., MIDDLETON, A., MIDDLETON, B. & WHITE, D.A. Some studies in the rat into the possible

- mechanism of action of the hypocholesterolaemic drug probucol
- 777P COOMBES, R.C., FOSTER, A.B., JARMAN, M., RATCLIFFE, W. & ROWLANDS, M.G. Danazol aromatase inhibitory properties
- 779P HILEY, C.R., WILSON, A.C. & YATES, M.S. Time course of action of phenobarbitone on liver blood flow in
- 780P DEVANE, J. & RYAN, M.P. Effects of distal diuretics, amiloride and hydrochlorothiazide, on renal magnesium clearance in rats
- 780P CUTHBERT, A.W. & EDWARDSON, J.M. Addressing receptors a model study.
- 781P BERESFORD, R.A. & PEAKE, B.M. Fluidity of membrane proteins and lipids: a structure/activity study of the effects of S-alkylthiouroniums
- 783P KARLSSON, J.-A. & PERSSON, C.G.A. (introduced by RODGER, IAN) Adenosine-receptor antagonism and bronchodilator activity by methyl-substituted xanthines
- 784P DALTON, D.W. & TYERS, M.B. The selective muscarinic antagonist actions of pancuronium and al-
- 785P BRAIN, SUSAN D. & LEWIS, G.P. Can endogenous prostaglandins exert a negative feedback control of lipolysis?

786P MILTON, A.S. & SAWHNEY, VINITI K. The effects

of anisomycin on the febrile responses to intracereb-

- roventricular bacterial pyrogen and prostaglandin E₂ in cats

 787P FORREST, M.J., JOSE, P.J. & WILLIAMS, T.J. Evidence that the complement fragment C5a mediates in-
- creased vascular permeability in response to zymosan in the peritoneal cavity of the rabbit
 788P BRAY, M.A., FORD-HUTCHINSON, A.W. &
- SMITH, M.J.H. In vivo properties of leukotriene B₄
 789P LETTS. L.G. & PIPER, PRISCILLA J. Actions of LTC, LTD in guinea-pig isolated hearts and the effect of indomethacin and FPL 55712
- 789P HAWKEY, C.J. (introduced by PIPIL, EVA). Inhibition of cyclooxygenase activity by prednisolone
- 790P ARMSTRONG, ROMA A., JONES, R.L., PEESAPATI, V. & WILSON, N.H. Effect of the thromboxane antagonist EP 045 on arachidonic acid responses in the rabbit, guinea-pig and sheep
- 791P FLOWER, R.J., RUSSELL-SMITH, N.C., SALMON, J.A. & THOROGOOD, P. L-Benzylimidazole: a potent and selective inhibitor of 'thromboxane synthetase' *ex vivo*
- 792P KAUFFMAN, G.L., MONCADA, S., VANE, J.R. & WHITTLE, B.J.R. A cinematographic study of thromboxane A₂-induced ulceration of the canine gastric mucosa
- 792P COKER, SUSAN J., HUGHES, BERNADETTE, PARRATT, J.R., RODGER, I.W. & ZEITLIN, I.J.

- Prostaglandin $F_{2\alpha}$, thromboxane and the acute response to E. coli endotoxin in anaesthetized cats
- 794P EL TAHIR, K.E.H., SEED, M.P. & WILLIAMS, K.I. The influence of stimulant and relaxant drugs on prostacyclin production by the rat pregnant myometrium
- 795P COPAS, JULIA L., GARDINER, P.J. & WILSON, S.A. TR4979 a selective 'ψ' prostanoid receptor agonist in the airways
- histamine-induced tone in swine isolated tracheal smooth muscle

 707P GURNEY A M & RANG HP Use-dependent of

H.W. Regulatory

mechanisms in

796P MITCHELL,

- 797P GURNEY, A.M. & RANG, H.P. Use-dependent effects of ganglion blocking drugs
- 798P BIRDSALL, N.J.M., BURGEN, A.S.V., HULME, E.C. & STOCKTON, J. Gallamine regulates muscarinic receptors in the heart and cerebral cortex
- 799P MARCHI, M., PAUDICE, P. & RAITERI, M. Functional evidence for super- and subsensitivity of acetyl-choline autoreceptors after chronic drug treatment
- 800P FENIUK, W., HUMPHREY, P.P.A. & TRE-VETHICK, M.A. 5-Hydroxytryptamine-induced relaxation of porcine vena cava – a possible involvement of cyclic AMP
- 801P COLLETT, A.R., RAND, M.J. & STORY, D.F. Studies on the release of [³H]-adrenaline in an isolated perfused adrenal gland-splanchnic nerve preparation from the rabbit
- 802P BOON, N.A., ELLIOTT, J.M., GRAHAME-SMITH, D.G., OUTLAW, TRACY & STUMP, KATHY. Binding of $[^3H]$ -yohimbine to α -adrenoceptors on intact human platelets
- 803P DOCHERTY, J.R. & STARKE, K. Postsynaptic αadrenoceptor subtypes mediating nerve-evoked contractions in rabbit blood vessels in vitro
- 804P FLAVAHAN, N.A. & McGRATH, J.C. α₁- and α₂-adrenoceptor agonism is dependent on respiratory acid-base² balance
- 804P BAKHLE, Y.S. & CHELLIAH, R. Altered breakdown of ADP in isolated lungs of rats with streptozotocin-induced diabetes
- 805P THOMAS, G.R. & ZEITLIN, I.J. Enzymes acting on a glandular kallikrein substrate appear in inflamed tissue from adjuvant arthritic rats
- 806P BAGSHAW, ANN, BHOOLA, K.D. & WHICHER, J.T. Radioimmunoassay of glandular kallikreins in human biological fluids
- 807P KOSTERLITZ, H.W., MUCHA, R.F. & ROBSON, L.E. Relation of morphine dependence to naloxone contractions in guinea-pig isolated ileum treated with morphine
- 808P BOARDER, M.R., LOCKFELD, A.J. & BARCHAS, J.D. (introduced by FILLENZ, M.) Methionine-enkephalin[Arg⁶,Phe⁷] immunoreactivity in bovine chromaffin granules compared with caudate
- 809P EDER-COLLI, L. & POWELL, J.F. (introduced by

- CUELLO, A.C.) Specific antibodies to choline acetyltransferase induced by small total amounts of purified antigen
- 810P PARSONS, J.A., ROBINSON, I.C.A.F., & STEVEN-SON, R.W. Investigation of triglycyl-oxytocin as a hormonogen in the conscious dog
- 811P BROWN, J.M. & POLLOCK, D. The effect of thyroidectomy or propylthiouracil on the sensitivity of the rat saphenous artery to phenylephrine
- 812P FAN, S.G., SHUTT, A.J. & VOGT, M. Turnover of 5-hydroxytryptamine (5-HT) and analgesic effect of morphine in the chicken
- 812P JENNER, P., MARSDEN, C.D. & PRATT, J. Actions of benzodiazepines and other anticonvulsants on 5-HT turnover in mouse brain
- 813P MÖHLER, H. & RICHARDS, J.G. Autoradiographical localization of [³H]-Ro 15-1788, a selective benzodiazepine antagonist, in rat brain *in vitro*
- 814P BOWDLER, JULIE M. & GREEN, A.R. Rat brain benzodiazepine receptor number and GABA concentration following a seizure
- 815P KELLY, P.A.T. & McCULLOCH, J. Differences in the response of rat superior colliculus to muscimol and THIP
- 816P PORSIUS, A.J., LAMBRECHT, G., MOSER, U. & MUTSCHLER, E. (introduced by VAN ZWIETEN, P.A.). Depressor effects of isoguvacine propyl ester and isoarecaidine propyl ester in the cat due to stimulation of central GABA receptors
- 817P BRILEY, M., LANGER, S.Z. & SETTE, M. Allosteric interaction between the [³H]-imipramine binding site and the serotonin uptake mechanism
- 818P WALLACE, R.M. & YOUNG, J.M. Temperature and [3H]-mepyramine binding to histamine H₁-receptors
- 819P BERRY, S.C., HILL, R.G. & SALT, T.E. Iontophoresis of peptide neurotransmitter candidates in the caudal trigeminal nucleus of the rat: lack of correlation of effect with sensory responses of neurones
- 820P BOWSER-RILEY, F., PATON, W.D.M. & SMITH, E.B. Experiments to investigate the neural origin of the high pressure neurological syndrome
- 821P LLOYD, K.G., WILLIGENS, M.T. & WORMS, P. Cortical lesions differently affect neuroleptic- and nonneuroleptic induced catalepsy in rats
- 822P COWAN, A. & DETTMAR, P.W. Buprenorphineinduced hyperthermia in rats: selective development of sensitization and tolerance
- 822P DE ANGELIS, LUISA, TRAVERSA, U. & VER-TUA, R. Effects of caffeine and chlor-desmethyldiazepam and their interaction on rota-rod performance and Y-maze in mice
- 823P BERGEL, D.H., DAVIES, C.L. & SDOUGOS, H.P. (introduced by BRADING, A.) Changes in plasma noradrenaline concentration following intravenous isoprenaline in man and dogs

- 824P ELLIS, P. & UNGAR, A. Effects of indomethacin on blood pressure, catecholamine release and adrenal blood flow in the anaesthetized, laparotomized dog
- 825P SCOTT, EVELYN M. (introduced by CONWAY, J.).
 A possible mechanism for the action of atenolol on the baroreceptor reflex in the anaesthetized cat
- 826P ARMSTRONG, J.M. Urethane attenuates pressor responses produced by α-adrenoceptor agonists and some other vasoconstrictor agents in pithed rats
- 827P MILLAR, J.S. & VAUGHAN WILLIAMS, E.M. Pharmacological mapping in the rabbit heart
- 828P BROADLEY, K.J. & WILLIAMS, R.G. *In vitro* and *ex vivo* examination of irreversible antagonism of cardiac β-adrenoceptors
- 829P BERTHOLD, R., WAITE, R. & WEBER, H. Pharmacological studies with bopindolol: a new long acting β-adrenoceptor antagonist
- 829P KURAHASHI, K. & PATON, D.M. Structure-activity relations for negative chronotropic action of adenosine in rat atria
- 830P FAGBEMI, O. & PARRATT, J.R. Marked suppression by nifedipine, niludipine and nisoldipine of ventricular fibrillation resulting from acute myocardial ischaemia
- 831P ECCLES, N.K., GRIMMER, A.J. & LEATHARD, HELEN L. Action of Ketanserin, a new 5-hydroxytryptamine antagonist, on human isolated blood vessels
- 832P CAMPBELL, J.K., MARSHALL, R.J. & WINSLOW, EILEEN. Comparative effects of bepridil and verapamil on isolated coronary and systemic arterial smooth muscle
- 834P DAUGHERTY, A. & WOODWARD, B. The K⁺/Ca²⁺ ratio and calcium slow channel antagonists on arrhythmias in the isolated perfused coronary ligated rat heart
- 835P CLANACHAN, A.S., HAMMOND, J.R. & PATER-SON, A.R.P. Coronary vasodilator- and benzodiazepine-inhibition of site-specific binding of nitrobenzylthioinosine, an inhibitor of nucleoside transport, to human erythrocytes
- 837P IDLE, J.R., OSIKOWSKA, BARBARA A., SEVER, P.S. & SWINBOURNE, F.J. Pitfalls in the synthesis and authentication of dopamine-O-sulphates
- 838P MITCHELL, MARY R. & WILLIAMS, S.G.P. (introduced by GINSBORG, B.L.). Reduction of dopamine and octopamine content of an insect salivary gland on incubation in 6-hydroxydopamine
- 838P CAVERO, I. & LEFÈVRE-BORG, FRANÇOISE. Pharmacological evidence against the occurrence of presynaptic dopamine receptors in sympathetic neurones innervating the sino-atrial node of the rat
- 839P CAVERO, I. & LEFÈVRE-BORG, FRANÇOISE. Effects of diltiazem and verapamil on pressor responses mediated by stimulation of α₁-, α₂-adrenoceptors, angiotensin II and 5-hydroxytryptamine receptors in pithed rats

- tween behavioural and in vivo voltammetric responses to dopamine and 5-hydroxytryptamine releasers
- 909P BOLAM, J.P., SMITH, A.D., SOMOGYI, P. & TOT-TERDELL, S. (introduced by BLASCHKO, H.) Synaptic targets of drug action in the basal ganglia: morphological studies on monosynaptic pathways in neuronal networks
- 910P DICKINSON, S.L. & SLATER, P. The effects of basal ganglia lesions on tremorine-induced rigidity in rats
- 911P COPAS, JULIA L., GARDINER, P.J. & WILSON, S.A. Tracheal relaxant effects of prostanoids are dependent on their contractile effects
- 912P COPAS, JULIA L., GARDINER, P.J. & WILSON, S.A. The selectivity of TR4979 for '\u03c4' prostanoid receptors
- 913P COLEMAN, R.A., FENIUK, LINDA & KENNEDY,
 I. A study of the prostanoid receptors mediating bronchoconstriction in the anaesthetized guinea-pig and dog
- vention by prostaglandin of an indomethacin-caused decrease in hepatic microsomal drug metabolizing enzymes

914P BURKE, M.D., FALZON, M. & MILTON, A.S. Pre-

- 915P NUNN, BARBARA. Evidence that platelet arachidonate metabolites play only a minor role in collagen-induced thrombocytopenia in mice
- 916P WEDMORE, C.V. & WILLIAMS, T.J. Plateletactivating factor (PAF), a secretory product of polymorphonuclear leucocytes, increases vascular permeability

in rabbit skin

method for studying lipolysis in cultures of human adipocytes

918P GUTTERIDGE, J.M.C. & KERRY, P.J. Auto-

917P BRAIN, SUSAN D., GORDON, D. & LEWIS, G.P. A

- fluorescence associated with fatty-acid peroxides 919P KINGSTON, W.P. 15-Lipoxygenase: a rapid, sensitive
- 919P KINGSTON, W.P. 15-Lipoxygenase: a rapid, sensitive assay for lipoxygenase inhibitors920P BOUGHTON-SMITH, N.K. & WHITTLE, B.J.R. The
- 920P BOUGHTON-SMITH, N.K. & WHITTLE, B.J.R. The lipoxygenase inhibitor, BW 755C, stimulates prostacyclin production from the rat gastric mucosa *in vitro*921P FORREST, M.J., PECK, M.J. & WILLIAMS, T.J. Is
- increased vascular permeability induced by C5a dependent on the generation of lipoxygenase products?

 922P MORRIS, H.R., PIPER, PRISCILLA J., SAMHOUN, MARWA N. & TAYLOR, G.W. Generation of a leukotriene (LT) B₄-like material from rat basophilic leukaemia (RBL-1) cells, and its actions in guinea-pig
- lung in vitro923P CUNNINGHAM, F.M. & SMITH, M.J.H. Biological activities of leukotriene B₄ and the cytoskeleton
- 924P BROWN, L.M., CUNNINGHAM, F.M. & SMITH, M.J.H. The effects of leukotriene B₄ on isolated smooth muscle preparations
- 925P FORD-HUTCHINSON, A.W. Neutrophil aggregation induced by PAF-acether and leukotriene B₄

- 926P FRANCIS, HILARY P. & GOADBY, P. Action of leukotrienes C and D on the motility of the guinea-pig stomach in vivo and in vitro
- 926P SPEDDING, M. Differential effects of 'calciumantagonists' on heart rate and atrio-ventricular node conduction in pithed rats
- 927P CAVERO, I. & LEFÈVRE-BORG, FRANÇOISE.

 Differential effects of dopamine receptor and α₂adrenoceptor agonists on pressor responses to sympathetic nerve stimulation in pithed rats
- 929P CONNOR, HELEN E., DREW, G.M. & FINCH, L. The effect of clonidine on the physostigmine-induced vasopressor response in anaesthetized rats
 930P CHANCE, E., TODD, M.H. & WATERFALL, J.F. A
- morphine and naloxone in haemorrhagic shock in rats

 931P LAMMINTAUSTA, R. & MacDONALD, E. Binding
 and effects of MPV-295, a novel antihypertensive com-

comparison of the cardiovascular effects of meptazinol,

- pound, at α₂-adrenoceptors in the rat
 932P BURKAN, M.B. & LEACH, G.D.H. Effect of propranolol on blood pressure and vascular responsiveness of conscious normotensive and hypertensive rats
- 933P BECKETT, P.J. & FINCH, L. The interaction of yohimbine, rauwolscine and corynanthine on the central cardiovascular effects of clonidine in conscious SHR
- 934P CLOUGH, D.P., DRAPER, A.J., REDFERN, P.H. & SHERIDAN, R.D. The effect of β-blockade on the cardiovascular responses to centrally-administered adrenaline in the rat

935P HAMILTON, C.A., REID, J.L. & SUMNER, D.J. The

- relationship between in vivo pressor responses to αadrenoceptor agonists and in vitro receptor binding after
 phenoxybenzamine

 937P ABDULLAH, F.M., FRENCH, A.M. & SCOTT, N.C.
 A comparison of histamine receptor distribution in atria
- from rats and guinea-pigs

 938P ANDERSON, A.A., FOULKES, R., GOADBY, P.,
 HOOPER, M. & THONOOR, M. Cardiac effects of a
- series of l-substituted dihydroisoquinoline derivatives
 939P RODGER, I.W. & SHAHID, M. Positive inotropism
 and cyclic nucleotides in mammalian cardiac muscle
- 940P NICHOLSON, C.D. (introduced by POYSER, R.H.).
 The attenuation by adenosine of the positive chronotropic and inotropic responses to noradrenaline and adrenaline in guinea-pig isolated atria
- 941P KELLY, M.J. & RICHARDSON, WENDY (introduced by SWEETMAN, A.J.). Protective effect of α-tocopherol in vascular hypoxia
- 941P KOO, A. (introduced by SMAJE, L.H.). Noradrenaline dilates rat uterine arterioles by activating β_1 -adrenoceptors
- 942P LANGER, S.Z. & SHEPPERSON, N.B. Antagonism of α-adrenoceptor mediated contractions of the isolated saphenous vein of the dog by diltiazem and verapamil

- 943P ABRAHAMSEN, J. & NEDERGAARD, O.A. Effect of chlorpromazine on adrenergic neuroeffector transmission in isolated blood vessels
- mission in isolated blood vessels 944P FORSTER, CHRISTINE & WHALLEY, E.T.
- Dopamine receptors mediating relaxation of the human basilar artery in vitro

 945P JONES, R.L., STRACHAN, LESLEY J. & WATSON,
 - M.L. A comparison of the effects of PGI₂ and captopril on systemic and renal haemodynamics in conscious dogs
- 946P BARRETT, A.M., FRANKISH, N.H. & YATES, M.S.
 The effects of calcium antagonists on pulmonary haemodynamics
- 947P DODDS, M.G. & TWISSELL, D.J. The haemodynamic effects of labetalol and sodium nitroprusside during minaxolone or halothane anaesthesia in the dog
- 948P LITTLE, R.A. & REDFERN, W.S. (introduced by HICKS, P.E.). Effects of centrally-administered α-adrenoceptor antagonists on baroreflex bradycardia in the unanaesthetized rat
- the unanaesthetized rat

 949P CONWAY, J., BOON, N., JONES, J.V. & SLEIGHT,
 P. The responses to pressor agents in man are affected by
 the sensitivity of the baroreceptor reflex
- 950P PROSTRAN, MILICA & VARAGIĆ, V.M. The effect of adenosine on the isolated hemidiaphragm of the rat
- 951P STONE, T.W. Adenine dinucleotide effects on the isolated vas deferens952P HAY, D.W.P. & WADSWORTH, R.M. A comparison
- 952P HAY, D.W.P. & WADSWORTH, R.M. A comparison of the effects of methoxyverapamil, verapamil and nifedipine on the twitch responses to single pulse stimulation in the rat bisected vas deferens
 953P CRAGGS, M.D. & STEPHENSON, J.D. Effects of
- cholinoceptor blockade on detrusor electromyograms in the cat

 OSP CLARK, S.J. & SMITH, T.W. Modulation of the peris-
- 953P CLARK, S.J. & SMITH, T.W. Modulation of the peristaltic reflex *in vivo* by endogenous opioids
- 954P COUTURE, R., MIZRAHI, J. & REGOLI, D. (introduced by CUELLO, DR. A.C.). Differential effects of substance P and related peptides on smooth muscle preparations
 955P AMIT, T., BEN-HARARI, R.R. & YOUDIM, M.B.H.
- The presence and auto-regulation of prolactin receptor in the lung. Its significance

 956P BISHOP, K.A. & LINDUP, W.E. Defective plasma
- protein binding in uraemia: extraction of binding inhibitor(s) from normal urine
 957P MARDEN, C.M., LEACH, M.J. & WILSON, J.A.
- 957P MARDEN, C.M., LEACH, M.J. & WILSON, J.A. Effect of prenatal exposure to anticonvulsant agents on maternal and foetal folate concentrations in the rat
- 958P DUNBAR, P.G., HARVEY, D.J., MCPHERSON, KATHRYN & WING, D.R. (introduced by PATON, W.D.M.). The effect of chronic ethanol treatment on membrane lipids in the mouse
- 959P TABERNER, P.V. & UNWIN, J.W. Ethanol preference after chronic ethanol drinking in mice

- 960P TOMLINSON, D.R. The effect in vitro of high extracellular glucose on the axonal transport of glycoprotein, protein and noradrenaline in ligated postganglionic sympathetic nerves of the cat
- 961P LOVETT, G.S. & SWEETMAN, A.J. The action of 2-phenylisatogen on adenosine nucleotide and phosphate metabolism in mitochondria isolated from guineapig liver
- 962P CALLINGHAM, B.A., LYLES, G.A. & MACKEY, N.A. Irreversible inhibition of rat liver monoamine oxidase by histamine and some analogues: protective effects of (-)-mexiletine
 963P CAHUSAC, P., HAYES, A.G., SKINGLE, M. &
- TYERS, M.B. Studies on the antinociceptive effects of clonidine and 4-hydroxyclonidine in the rat

 964P FAN, T-P.D. & LEWIS, G.P. A rapid ¹³³Xe clearance technique to measure blood flow changes in rat skin
- grafts

 965P KNEEN, G. & WHITE, R.D. BW12C: a new antisickling agent
- sickling agent
 965P MacINTYRE, D.E. & WESTWICK, J. Phospholipid
- mediators of human platelet activation

 966P ELLIOTT, P.N.C., FOSTER, R.L. & WILEMAN, T.E.

 The effect of covalent attachment of dextran to the anti-leukaemic agent L-asparaginase on anaphylactic
- reactions to the enzyme in vivo and in vitro

 967P DRUMMOND, A.H. & MACPHEE, C.H. Phosphatidylinositol metabolism in GH₃ pituitary tumour cells stimulated by TRH
- phatidylinositol metabolism in GH₃ pituitary tumour cells stimulated by TRH

 968P EDWARDS, MARY C., EVANS, F.J., GORDON, D. & NOURI, A.M.E. (introduced by LEWIS, G.P.). Dif-

ferences in cyclosporin-A sensitivities of tumour-

promoting and non-promoting phorbol ester-induced

- human lymphocyte mitogenesis

 969P MAIN, I.H.M. & PEARCE, J.B. pA₂ determination of muscarinic and H₂-receptor antagonists on gastric acid secretion *in vitro*
- 970P DONALDSON, K.M. & MAIN, I.H.M. A comparison of the effects of indomethacin and methylxanthines on basal and stimulated gastric secretion *in vitro*
- 971P JOHNSTON, BELINDA J. & McISAAC, R.L. The effects of deglycyrrhizinated liquorice and cimetidine (alone and in combination) on resting gastric mucosal blood flow and acid secretion in man
- 972P LARSEN, K.R., MOODY, F.G., MORAN, D., RUSSO, J. & TURNER, N.C. (introduced by CURWAIN, B.P.). Comparison of the acute effects of aspirin and paracetamol (acetaminophen USA) on canine gastric mucosa during shock
- 973P McCARTHY, P.M., PARSONS, M.E. & PRICE, C.A. Phosphodiesterase inhibition and gastric acid secretion in the rat isolated stomach
- 974P BOTTOMLEY, K., NORRIS, D.B., RISING, T.J. & STEWARD, A. The inhibition of gastric acid secretion by the histamine H₂ agonist dimaprit in the conscious pylorus-ligated rat

- 975P EDGAR, ELAINE G. & GILBERT, J.C. Histamine release and Ca²⁺-ATPase activities of peritoneal and pleural mast cells
- pleural mast cells

 976P JOHANSEN, TORBEN. Inhibition of A23187induced histamine release from mast cells by ethacrynic
- 977P AL-HABOUBI, H.A. & ZEITLIN, I.J. The role of H_1 -and H_2 -receptors in histamine-induced rat paw oedema
- 978P BLACK, J.W., GERSKOWITCH, V.P., RANDALL, P.J. & TRIST, D.G. Critical examination of the histamine-cimetidine interaction in guinea-pig heart
- and brain

 979P CHURCH, M.K., COLEMAN, J.W., HOLGATE, S.T., PAO, G.J-K. & WELCH, M.T. The effects of polyamines, 48/80 and calcium ionophore on histamine release from human dispersed lung and adenoidal mast
- 980P BROADLEY, K.L., GIBBON, CAROLYN J. & HAWTHORN, M.H. A bronchoconstrictor response to β-phenylethylamine of guinea-pig isolated lung
- 981P GILFILLAN, A.M. & HOLLINGSWORTH, M. Overflow of [³H]-disaturated phosphatidylcholines from adult rat superfused lung slices: a novel method for the study of lung surfactant secretion

- 982P CARSWELL, H. & NAHORSKI, S.R. [³H]mepyramine binding to histamine H₁-receptors in guinea-pig airways
- 983P GRAHAM, PAMELA, HARRIS, J.M. & NELSON, DIANNE G. Possible mediators of browntail moth (Euproctis chrysorrhoea) dermatitis
- 983P LEAKE, LUCY D. & SUNDERLAND, A.J. (introduced by WALKER, R.J.). Pharmacological aspects of the control of leech body wall tension by Retzius cells
- 984P FAIRFAX, A.J. & MORLEY, J. NSAIDs inhibit the late asthmatic response to antigen challenge
 985P DEAN, H.G. & JAMES, S.T. The effect of adrenalec-
- tomy or aminoglutethimide on propranolol-treated DOCA/salt rats

 986P KIELTY, J.F. (introduced by WADSWORTH, R.M.).
- Effects of dexamethasone on rat uterine contractility in vitro

 987P BROWN, I.C., GRABOWSKI, P.S., MAGGS, J.L. &

PARK, B.K. A study of factors which influence the

irreversible binding of ethynyloestradiol to rat liver protein in vivo

988P MARSHALL, R.W. & SPARKS, M. (introduced by SPRIGGS, T.L.B.). A micro-computer system to aid collection and analysis of data from tissue bath experi-

ments