

COMMUNICATIONS

The author who intended to present the work is indicated by an asterisk (*) on the abstract.

- 471P CLARKE, R.S.J., FEE, J.P.H., LYNAS, A.G.A* & REID, J.E. Factors influencing cutaneous reactions following atracurium
- 472P BRADY, M.M., CLARKE, R.S.J. GIBSON, F.M.* & MIRAKHUR, R.K. Train-of-four fade during onset of neuromuscular block with atracurium, vecuronium, pancuronium and tubocurarine.
- 473P NICHOLSON, A.N. & PASCOE, PETA A.* Effects of fluoxetine on nocturnal sleep and daytime alertness in man.
- 474P CARSON, I.W., COLLIER, P.S., DUNDEE, J.W., HOWARD, P.J., LYONS, S.M., MATHEWS, H.M.L.* & ORR, I.A. Pharmacokinetics of midazolam sedation following open heart surgery.
- 475P SWIFT, C.G., SWIFT, M.R. & TIPLADY, B.* Single dose sedative and haemodynamic effects of mianserin in young and elderly volunteers.
- 476P BRUINVELS, J., FEKKES, D.* & PEPLINKHUIZEN, L. Disturbance of serine metabolism and endogenous formation of β -carbolines in a group of episodic psychotic patients.
- 477P BELD, A.J., LAMMERS, J-W.J., MOURIS, H.G., RODRIGUES DE MIRANDA, J.F., VAN GINNEKEN, C.A. M., VAN HERWAARDEN, C.L.A., VAN KOPPEN, C.J.* & VERRIJP, C.N. Altered β -adrenoceptor characteristics in airway smooth muscle of a patient with atopic extrinsic asthma.
- 478P BREIMER, D.D., DANHOF, M., SCHELLENS, J.H.M.* Poor metaboliser incidence of sparteine, mephenytoin and nifedipine in a Dutch population as assessed by a "cocktail" approach.
- 479P BELPAIRE, F.M.*, BOGAERT, M.G. & CHINDAVIJAK, B. Displacement of drugs from serum α_1 -acid glycoprotein binding sites by SKF 525A.
- 480P REYNOLDS, G*., SILKE, B., SHARMA, S., MIDTBO, K. & TAYLOR, S.H. Haemodynamics dose-response effects of diltiazem in coronary artery disease.
- 481P HUISMAN, J.A.M., RAGHOBAR, M*., VAN DEN BERG, W.B., VAN GINNEKEN, C.A.M. A methodological approach to study cellular pharmacokinetics of drugs.
- 482P BREIMER, D.D., LODEWIJKS, M.Th.M., VAN BRUMMELEN, P., VAN HARTEN, J.* & WILSON, J.P.H. Pharmacokinetics and haemodynamic effects of nisoldipine in patients with liver cirrhosis.
- 483P ARENDS, B.G., BOHM, R.O.B., RAHN, K.H., VAN BAAK*, M.A. & VAN HOOFF, M.E.J. Metabolic effects and exercise tolerance during long-term treatment with three different β -blockers.
- 484P BOHM, R.O.B., RAHN, K.H., VAN BAAK M.A. & VAN HOOFF, M. The course of blood pressure and of plasma catecholamine levels on subjects with borderline hypertension.
- 485P DONNELLY, R.*, ELLIOTT, H.L. & REID, J.L. The combination of nicardipine and enalapril in patients with essential hypertension: a placebo controlled study.
- 486P AALDERS, R., BOSMAN, R., DE JONG, W., HISSINK, M., TEEUWEN, H.* & VAN ROSSUM, J. Nicotine intake by smokers of non-ventilated filter cigarettes; a systems dynamics pharmacokinetics approach.

- 487P ALLAN, G.*, CAMBRIDGE, D. & HARDY, G.W. BW A575C, a novel antihypertensive agent with angiotensin converting enzyme inhibition and β -blocking properties
- 488P ALLAN, G., CAMBRIDGE, D.* & WHITTING, M.V. The cardiac and renovascular effects of BW A575C, a novel angiotensin converting enzyme inhibitor and β -adreno-receptor antagonist.
- 489P ANDREWS, H.E.*, BRUCKDORFER, K.R. & JACOBS, M. The effect of low-density lipoproteins on endothelium-dependent relaxation in rabbit aorta.
- 490P BECKERINGH, J.J.*, MATHY, M.-J. & VAN ZWETEN, P.A. No difference between α -adrenoceptor agonist induced contraction in endothelium-intact and -denuded ring segments of guinea-pig aorta.
- 491P DOWNING, O.A., WILSON, K.A. & WILSON, V.G.* Depression of maximum responses of circular portal vein by prazosin.
- 492P DUPONT, A.G.*, LEFEBVRE, R.A. & VANDERNIEPEN, P. Characterization of vascular neuronal dopamine receptors in the rat.
- 493P FONTAINE, J., SCHULMAN, C.C. & WESPES, E.* Postjunctional α_1 - and α_2 -like adrenoceptors in human isolated deep dorsal vein of the penis.
- 494P HAMILTON, C.A., JARDINE, E. & REID, J.L. At which α -adreno-receptor subtypes does UK14304 act?
- 495P BERKENBOOM, G.*, DESMET, J.M. & FONTAINE, J. Pharmacological study of the adrenoceptors of isolated human coronary arteries.
- 496P CALIS, J.I.M., HARTOG, J., JANSZEN F.H.A. & Wouters, W.* Cardio-vascular effects of the new anti-hypertensive compound DU 29373.
- 497P ILLES, P.* & NOREMBERG, W. α_2 -adrenoceptor inhibitory control of transmitter release in the rabbit mesenteric artery; an electrophysiological study.
- 498P DETMAR, P.W., KELLY, J.* & MACDONALD, A. A non α - or β -adrenoceptor mediated effect of some catecholamines in rat gastric fundus.
- 499P FOLKERTS, G., LOESBERG, C.*, NIJKAMP, F.P. & WOUTERSEN-VAN NIJNANTEN, F.M.A. Dietary effects on β -adrenoceptor reactivity in guinea-pig trachea.
- 500P GROSSET, A.* & HICKS, P.E. Evidence for blood vessel selectivity of BRL 34915.
- 501P ROSZKOWSKI, A.P. & WALLACH, M.B.* Antihypertensive effects of RS-93427-007.
- 502P DANDONA, P. & JEREMY, J.Y.* RU38486 antagonises glucocorticoid inhibition of prostacyclin and PGE synthesis by cultured rat gastric and duodenal explants.
- 503P KAUFFMAN, L., MONCADA, S. & WHITTLE, B.J.R. Prostacyclin prolongs bleeding from the mesenteric artery but not the gastric mucosa of the rat.

- 504P LEES, I.W., PAYNE, A.N.*, WALLACE, J.L. & WHITTLE, B.J.R. Cardiopulmonary and gastric actions of intravenous PAF in anaesthetised cats.
- 505P BARRETT, M.L., LEWIS, G.P., WARD, S.* & WESTWICK, J. Platelet activating factor modulates interleukin-2-induced proliferation of human T-lymphoblasts.
- 506P BEVAN, P., RAMAGE, A.G.* & WOUTERS, W. Investigation of the effects of DU 29373 on the cardiovascular system of the anaesthetised cat.
- 507P GODFRAIND, T. & MOREL, NICOLE* Identification of Ca channels in microvessels isolated from rat brain.
- 508P BUTLER, A., HEWICK, D.*, JOHNSTON, P., MAHONY, M. & MCINTOSH, A. The pharmacological consequences of mixing sodium nitroprusside with hydroxocobalamin or thiosulphate.
- 509P BREIMER, D.D., DE BOER, A.G., VAN HOOGDALEM, E.J.* & VAN KAN, H.J.M. The influence of sodium salicylate on the rectal absorption of cefoxitin sodium administered as bolus or as infusion to rats.
- 510P DE BRULIN, A.E.*, KUPPEN, P.J. K., EEFLANG, P., SLEE, P. & VAN OOSTEROM, A.T. Constructing in vitro area under curves for testing antitumor agents with the mean residence time as starting-point.
- 511P AYRTON, A., CHENERY, R.J., NORMAN, S.J., OLDHAM, H.G.* & STANDRING, P. The effect of omeprazole on cytochrome P-450-mediated reactions in rat liver.
- 512P GUMBLETON, M.* , NICHOLLS, P.J., NORRIS, M.J. & TAYLOR, G. The influence of anaesthetic agents on the pharmacokinetics of para-amino-hippuric acid.
- 513P RUSSEL, F.G.M.*, VAN GINNEKEN, C. A. M., VAN DER LINDEN, P.E.M. & VERMEULEN, W.G. Mechanisms of p-aminohippurate uptake in isolated membrane vesicles from the dog kidney.
- 514P CUSACK, N.J., HOURANI, S.M.O. & WELFORD, L.A.* ATP analogues and the guinea-pig urinary bladder; pharmacological potency is related to resistance to breakdown by ectoenzymes.
- 515P COWAN, D.A.*, FRIEND, SUSAN, GIBSON, A. & HART, S.L. Effect of chronic treatment with methyl testosterone or methenolone on the sensitivity of mice to morphine.
- 516P GARCIA-SEVILLA, J.A.* & ULIBARRI, M.I. Spontaneous morphine withdrawal modulates α_2 -adrenoceptors in the rat brain.
- 517P BLANCOQUAERT, J.P.*, LEFEBVRE, R.A. & WILLEMS, J.L. Lack of anti-versive effect of μ - and κ -opioid agonists in conditioned taste aversion in the rat.
- 518P MASHURANO, MARCELLINA & WADDINGTON, J.L.* The topography of behaviours promoted by a selective D-2 dopamine receptor agonist in combination with a selective D-1 agonist.
- 519P JENNER, P.*, MARSDEN, C.D., NOMOTO, M., & ROSE, S. Preservation of mesolimbic dopamine function may explain behavioural recovery in the MPTP-treated marmoset.

- 520P BEER, MARGARET S.*, IVERSEN, L. L., POAT, JUDITH A. & STAHL, S.M. A radioligand binding assay to determine β -adrenoceptor selectivity of compounds in the central nervous system.
- 521P CROSS, J.A.* & HORTON, R.W. Cortical GABA_B binding is unaltered following chronic oral administration of desmethylimipramine and zimeldine in the rat.
- 522P DZOLJIC, M.R.*, SAXENA, P.R. & UKPONMWAN, O.E. Activation of "5-HT₁-like" receptors stimulates wakefulness.
- 523P DE SOUZA, R.J., GOODWIN, G.M. & GREEN, A.R* Antidepressant drugs and ECS attenuate the hypothermia and behavioural syndrome following 8-OH-DPAT administration to rats.
- 524P LANGER, S.Z. & SCHOEMAKER, H.* High affinity inhibition by ergotamine of [³H]-8-OH-DPAT binding to hippocampal 5HT_{1A} receptors.
- 525P GALZIN, ANNE-MARIE*, GAY, C., LANGER, S.Z., LOO, H., PIMOULE, CARMEN, POIRIER, MARIE-FRANCE & SCHOEMAKER, H. Administration of lithium to healthy volunteers decreases [³H]-5HT uptake without modifying [³H]-IMI binding in blood platelets.
- 526P DAVIES, M.* & ROBERTS, M.H.T. Studies with 5-carboxamidotryptamine and ketanserin on rat brain-stem neurones.
- 527P BALFOUR, D.J.K., BENWELL, M.E.M.*, VALE, A.L. Effects of selective destruction of hippocampal 5-HT input on L-Tryptophan uptake and binding.
- 528P COX, CATHERINE M., MASON, R.*, MEAL, A. & PARKER, T.L. Altered 5-HT sensitivity and synaptic morphology in rat CNS induced by long-term exposure to continuous light.
- 529P BONANNO, G., MAURA, G., PITTALUGA, A. & RAITERI, M.* Subtypes of the 5-HT₁ receptor regulate [³H]5-HT and endogenous glutamate release in rat cerebellum.
- 530P BENNETT, G.W., FONE, K.C.F.* & MARSDEN, C.A. Effects of catecholamine depletion on wet-dog shakes produced by intrathecal administration of a TRH analogue (CG 3509).
- 531P DAVIES, CHRISTINA, STANFORD, CLARE STEINBERG, HANNAH* & SYKES, ELIZABETH Unusual behavioural and binding effects after co-administration of clenbuterol and chlordiazepoxide in mice.
- 532P TRENDLENBURG, U. & WILSON, V.G.* Study of the extraneuronal O-methylating system for catecholamines in the rat cerebral cortex.
- 533P GALZIN, ANNE-MARIE*, LANGER, S.Z. & TARANGER, MARIE-ANNE Effects of methiothepin on the potassium-evoked release of [³H]-noradrenaline in rat pineal glands
- 534P DAVIS, A.*, DE BOER, Th., JENNER, P. & MARSDEN, C.D. Dopaminergic modulation of D-[³H]-aspartate and [¹⁴C]-acetylcholine release from rat striatal slices.

- 535P KEMP, J.A.*, PRIESTLEY, T. & WOODRUFF, G.N. MK-801, a novel, orally active anticonvulsant, is a potent, non-competitive N-methyl-D-aspartate-receptor antagonist.
- 536P WONG, E.H.F.* & WOODRUFF, G.N. The identification of a novel binding site for the anti-convulsant MK-801, in rat brain membranes.
- 537P KING, ANNE E. & NISTRI, A. D-aminophosphonovalerate selectively antagonises N-methyl-D-aspartate induced currents in voltage clamped motoneurons in vitro.
- 538P BOGAERT, M.G., BUYLAERT, W.A., HUYGHENS, L.P.* & ROSSEEL, M.T. Influence of cardiopulmonary resuscitation on the plasma concentrations of the calcium entry blocker nimodipine in the dog.
- 539P MCHARG, A.D.*, PARRATT, J.R. & WADSWORTH, R.M. The effect of amlodipine, nifedipine and diltiazem on Ca^{++} contractions of canine coronary artery rings.
- 540P BIGAUD, M. & SPEDDING, M.* Inhibition of the effects of endothelial-derived relaxant factor (EDRF) in aorta by palmityl carnitine.
- 541P SAINT-LOUIS, J.*, & SCHIFFRIN, E.L. Vascular receptors for atrial natriuretic peptide in the rat, effect of hypertension on the binding characteristics and biological response.
- 542P CROSSMAN, D.*, MACDERMOT, J., MCEWAN, J. & MACINIRYE, I. The action of calcitonin gene related peptide on bovine endothelial cells.
- 543P BENNETT, G.W. & JOHNSON, J.V.* Effect of a vasopressin V_1 antagonist on the BP response to electrical stimulation of the medullary A_1 region.
- 544P MACRUM, B.L., NELSON, E.E. & POVZHITKOV, M.M.* Beneficial effects of allopurinol on survival and infarct size following coronary artery ligation in the rat.
- 545P DE BOER, H.J., DHASMANA, K.M.* & SAXENA, P.R. The tachycardiac response to 5-hydroxytryptamine in the spinal guinea-pig.
- 546P KAUMANN, A.J. Further differences between 5-HT receptors of atrium and ventricle in cat heart.
- 547P BOM, A.H., SAXENA, P.R. & TE BIESEBEEK, J.D. Mediation of 5-hydroxytryptamine (5-HT)-induced contraction of the rat urinary bladder via 5-HT₂ and 5-HT₃ receptors.
- 548P BULT, H.*, HERMAN, A.G., JORDAENS, F., PEETERS, F.A.M. & VERBEUREN, T.J. Endothelial desquamation affects the transfer of serotonin from platelets into the blood vessel wall.
- 549P HERMAN, A.G. & VERBEUREN, T.J.* Comparison of [³H]-noradrenaline-[³H]-serotonin-release in dog basilar arteries: influence of raubasine and dihydroergocristine.

- 550P FRENKEN, M.* & KAUMANN, A.J. Summountable antagonism by ketanserin of 5-hydroxytryptamine-induced contractions in dog basilar artery.
- 551P DE JONGE, A.*, DOODS, H.N., RIESBOS, J. & VAN ZWIETEN, P.A. Heterogeneity of muscarinic binding sites in rat brain, sub-mandibular gland and atrium.
- 552P EGLIN, R.M. & WHITTING, R.L.* short-term desensitisation and its application to the estimation of agonist affinity constants.
- 553P BLOKHUIJZEN, N.J.P., DE WILDT, D. 561P FITZPATRICK, F.T.A. & GREENSTEIN, B.D.* Thymus regeneration in old rats after orchidectomy: effects of various steroids.
- 554P BATINK, H.D., DAVIDESKO, D., DE JONGE, A., DOODS, H.N., MATHY, M-J. & VAN ZWIETEN, P.A. Effect of N-ethylmaleimide and pertussis toxin on the muscarinic-agonist response in rat atrium.
- 555P VELDSEMA-CURRIE, R.D. Both glucocorticoids and cyclic AMP processes affect ACh stores in rat diaphragm preparations, in vitro.
- 556P LEEUWIN, R.S., MULDER, R., VAN WILGENBURG, H.*, VERSLUJJS-BROERS, J.A.M. Evidence for presynaptic muscarinic receptors involved in the effects of F7-toxin on rodent motor endplate.
- 557P BOND, R.A., CHARLTON, K.G., CLARKE, D.E.* The responses to isoprenaline in the electrically stimulated guinea pig ileum are not competitively antagonised by propranolol.
- 558P BENNETT, T., STRANGE, P.G. & WILLIAMS, K.* Decrease in α_1 -adrenoceptors of chick smooth muscle after irreversible sympathetic denervation.
- 559P MOHANTY, G. & SRINIVASAN, S.* Effects of six drugs on the conduction properties of isolated frog sciatic nerves.
- 560P ADEAGBO, A.S.O. Effect of quinidine and some local anaesthetics on contractile responses of rat anococcygeus muscle.
- 562P HOLZER, P.* & SAMETZ, W. Capsaicin-sensitive afferent neurones involved in gastric mucosal protection.
- 563P KONGOLA, G.*, RICHENS, A., WILLIAMS, J. Determination of platelet GABA-transaminase (GABA-T) activity as a means of assessing the effect of GABA-T inhibitors.
- 564P BECKERINGH, J.J., BRODDE, O.-E., MICHEL, M.C.* & WANG, X.L. Human platelet β_2 -adrenoceptors underlie similar regulatory mechanisms as lymphocyte β_2 -adrenoceptors.
- 565P BANNER, S.E.*, CATTELL, K.J., OSBORNE, R.H. Characterisation of a 5-hydroxytryptamine receptor in the foregut of the locust Schistocerca gregaria.

- 566P BREMIER, D.D., DANHOF, M., 571P GRISTWOOD, R.W., RINK, T.J. &
DINGEMANSE, J.* & VAN BREEN, J.B.
M.M. Concentration-anticonvulsant
effect relationships of pheno-
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- 567P AL-DUALI, A.Y., DE BRITO, F.B.*,
HOLMES, M.J.G., LAW, K.A. & 572P ENGLAND, P.J., LEIGH, B.K. &
WILLOUGHBY, D.A. Indomethacin, REEVES, M.L.* Identification and
D-pencillamine and dexamethasone
on cartilage breakdown by a
granulomatous reaction.
- 568P HENRICKS, P.A.J.*, NIJKAMP, F.P. 573P GRISTWOOD, R.W., SAMPFORD, K.A. &
& VAN ESCH, B. β -adrenoceptor WILLIAMS, T.J.* The effect of
agonists influence H_2O_2 release
of guinea pig alveolar macrophages.
- 569P ENNIS, MADELEINE, GERLAND, W.,
HEISE, J. & LORENZ, W. Histamine
release from guinea-pig, human, rabbit
and rat mast cells elicited by
cremophor EL and its derivatives.
- 570P JANDE, M.B.* & SHARMA, S.C. The
effect of cupric sulphate on
compound 48/80 and concanavalin-
A induced release of histamine
from rat peritoneal mast cells.

POSTER COMMUNICATIONS

- 574P SAVAGE, A.O. Quinine inhibits 577P BULLOCH, J.M. & MCGRATH, J.C.
contractility of rat anoco-
cygeus muscle.
- 575P LEEUWIN, R.S., VAN WILGENBERG, H.,
WERDMULLER, B.F.M. & ZEEGERS, A. 578P IRAVANI, M.M., MARSH, V.R. & ZAR,
Direct excitatory and inhibitory M.A. The effect of neuropeptide Y
effects of two benzodiazepines (NPY) on neurotransmission in rat
on neuromuscular transmission.
- 576P BENNETT, T., STRANGE, P.G. & 579P BOTTING, R.M. & KENT, P.
WILLIAMS, K. Identification of Stimulant and antagonistic actions
 α_1 -adrenoceptors in chick of opiate drugs on the rat vas
expansor secundariorum muscle.

- 580P BAST, A., TIMMERMAN, H., ZUIDER-VELD, O.P. The prejunctional β -adrenoceptor of the epididymal part in rat vas deferens.
- 581P IAFI, M.A.K. & LEAKE, L.D. Different α -adrenoceptors mediate tonic and rhythmic contractions of the rat vas deferens.
- 582P FRENCH, A.N., JEFFERSON, G.C. & MCKEAN, F.M. The effect of temperature on α_1 - and α_2 -adrenoceptor sensitivity in rat vas deferens.
- 583P BAKKER, E.T., BAST, A., RADEMAKER, B., VAN BUUREN, K.J.H. & WEZELL, K. Loss of β -adrenoceptors, present on the smooth muscle of the rat vas deferens, without desensitization.
- 584P BENEKER, C., DE BOER, E., HARMSSEN, H.J., RAALJMAKERS, J.A.N. and VAN ROZEN, A.J. The induction of pulmonary autonomic receptor deficiencies by anaphylactic mediators and proteolytic enzymes.
- 585P KOOL, D.J., NIJKAMP, F.P. & VEENENDAAL, G.H. Mice tracheal β -adrenoceptor and cholinergic receptor function and its disturbance by bordetella pertussis and its components.
- 586P OTTENHOF, M. & UFKES, J.G.R. Ketanserin is a strong inhibitor of the anaphylactic broncho-constriction in the rat.
- 587P MACLENNAN, S.J. & MOGRATH, J.C. Evidence for "5-HT₁-like" receptors in human umbilical artery (HUA)
- 588P MILLIGAN, J.G., RIDDELL, J.G. & SHANKS, R.G. Characterisation of human placental adrenoceptors.
- 589P ADAM, A., DAMAS, J. & VRANCKX, R. Trypsin-like activity in salivary glands of the rat.
- 590P ARKLE, S., FAIRBROTHER, I., MICHALEK, R. & TEMPLETON, D. Interaction between the effects of substance P and isoprenaline on Ca⁺⁺ metabolism in the isolated rat parotid salivary glands.
- 591P LONG, C.J. & STONE, T.W. Absence of a direct effect of adenosine on skinned aortic fibres.
- 592P BURCHILL, SUSAN A. & THODY, A.J. Dopaminergic control of tyrosinase activity in hair follicular melanocytes of the C₃H-Hea⁺vy mouse.
- 593P DE JONG, W., VAN GIERSEBERGEN, P.L. M.* & WIEGENT, V.M. α -methyldopa dose dependently lowers blood pressure: effect of the opiate receptor antagonist naltrexone.
- 594P MOCAFFREY, P.M., RIDDELL, J.G. & SHANKS, R.G. The selectivity of the partial agonist activity of xamoterol in man measured by its effects in the presence and absence of ICI 118,551.
- 595P RAALJMAKERS, J.A.M. & TERPSTRA, G. K. In vitro determination of β -agonistic properties of tulobuterol, a new β_2 -sympathicomimetic drug.
- 596P COONEY, D. & KEENAN, A.K. The role of the cAMP-dependent protein kinase in phosphorylation of the β -adrenoceptor.

- 597P BODDEKE, H.W.G.M., HEYNIS, J.B., 605P BOSS, H., DIETZE, T. & VAN MEEL, J.C.A. Effects of Bay K 8644 on hemodynamics and regional vascular conductance in rabbits.
- 598P MASSICOTTE, G., PARENT, A., SAINT-LOUIS, J. & SCHIFFRIN, E.L. Decreased in vivo and in vitro responses to vasoconstrictor agents in pregnant normotensive and spontaneously hypertensive rats.
- 599P DUPONT, A.G., VAN DER NIEPEN, P. & VANHAELST, L. Blood pressure lowering effect of centrally and peripherally administered apomorphine in anaesthetised rats.
- 600P FINET, M. & GODFRAIND, T. Selective inhibition of high and low affinity inotropic components of ouabain by amiloride derivatives.
- 601P GODFRAIND, T. & MOREL, NICOLE Contraction and relaxation of microvessels isolated from rat brain.
- 602P FAGOO, MIREILLE & GODFRAIND, T. Possible contribution of lignans to the mammalian digitalis-like activity.
- 603P DOCHERTY, J.R. An investigation of age-related changes of β -adrenoceptor mediated responsiveness in the rat.
- 604P RUHL, D., SCHOLLENGERGER, S., VAN MEEL, J.C.A. & WOLFRAM, E. Hemodynamic effects of the cardiotonic agent OPC-8212 in dogs.
- 606P DEBETS, J.J., SCHOEMAKER, R.G., SMITS, J.F.M. & STRUYKER-BOUDIER, H.A.J. Cardiac function in intact conscious rats: effects of positive inotropic agents and coronary artery ligation.
- 607P ALLAN, G., BULL, D., JONES, H.T., HARDY, G.W. & MILLS, G. The design of novel angiotensin converting enzyme inhibitors with β -adrenoceptor blocking activity.
- 608P MARTIN, G., SCHACHTER, M. & SEVER, P.S. Fluoride-induced contraction in rat aorta.
- 609P HALL, JUDITH M., MCCABE, DEBORAH V. & MORTON, I.K.M. A comparison of receptor-effector coupling of histamine and analogues with that of carbachol in the guinea-pig taenia caeci.
- 610P BURLEIGH, D.E. & TROUT, S.J. Opioid neuromodulation of cholinergic nerve activity in human and guinea-pig colon.
- 611P DE LANGEN, C.D.J., LEVINE, J.H., MOORE, E.N. & SPEAR, J.F. The effects of acetyl-strophanthidine on body surface late potentials in infarcted dogs.
- 612P DICKSON, M., MARSHALL, R.J. & SHAHID, M. Compartmentation of cyclic GMP in the rabbit myocardium.
- 613P MACKENZIE, J.E., PARRATT, J.R. & SITSAPESAN, REBECCA The anti-arrhythmic properties of naloxone and MrZ 2593 (naloxone metho-bromide) in vivo and in vitro.

- 614P MACKENZIE, J.E., PARRATT, J.R. & SITSAPESAN, REBECCA The effects of drugs interacting with opioid receptors on ischaemic arrhythmias in anaesthetised rats. 621P RIBEIRO, J.A. & SEBASTIAO, A.M. 5'-nucleotidase and neuromuscular transmission.
- 615P BODDEKE, H.W.G.M., HEYNIS, J.B., JONKMAN, F.A.M. & VAN ZWIETEN, P.A. Characterization of calcium entry blockers in isolated guinea-pig hearts; cardio-depressant activity of flunarizine. 622P DOLIN, S.J. & LITTLE, HILARY J. The effects of Bay K 8644 on the general anaesthetic potencies of ethanol and argon.
- 616P BREURKES, R., GOUW, M.A.M., JONKMAN, F.A.M. & VAN ZWIETEN, P.A. Continuous 7-day infusion and withdrawal of verapamil and diltiazem in conscious spontaneously hypertensive rats (SHR). 623P HUDSPITH, M.J. & LITTLETON, J.M. Enhanced effect of Bay K 8644 on inositol phospholipid breakdown in brain slices from ethanol dependent rats.
- 617P KORSTANJE, C. & VAN ZWIETEN, P.A. Effect of α -adrenoceptor antagonists and calcium entry blocking drugs on vasoconstriction in rat perfused hind-quarters in vitro. 624P BOURSON, A., GOWER, A.J. & MIR, A. K. Behavioural effects of Bay K 8644 mediated by central and peripheral mechanisms in the rat.
- 618P DIFRANCESCO, G.F., GITTO, M., PETTY, M. & SPEDDING, M. MDL 73567: a dihydropyridine calcium antagonist with reduced propensity to cause reflex tachycardia. 625P BOURSON, A., GOWER, A.J. & MIR, A. K. Central biochemical and behavioural effects of Bay K 8644 in the rat.
- 619P BAYDOON, A.R., MARKHAM, A., MORGAN, R.M. & SWEETMAN, A.J. Nitrendipine promotes the release of calcium from rat heart mitochondria. 626P JENNER, P., MARSDEN, C.D., NOMOTO, M. & STAHL, S. Antiparkinsonian activity of (+)-PHNO in the MPTP-treated marmoset following subcutaneous infusion or skin application.
- 620P DOWNING, SANDRA J., EDWARDS, DIANE & HOLLINGSWORTH, M. Diltiazem - relationship between concentrations in vivo and effects on the rat uterus and cardiovascular system. 627P BRUINVELS, J & KETELAARS, C.E.J. Is the GABA_B receptor participating in the GABA-benzodiazepine relationship?
- 628P COLE, G., FOWLER, L.J., JOHN, R. A., RICHENS, A., RIMMER, E.M. & WILLIAMS, J. Investigation of the neurotoxicity of the GABA-transaminase inhibitor, vigabatrin in rats.
- 629P STONE, T.W. Purine mediation of synaptic inhibition by Ro 15-1788 on rat hippocampal slices.

- 630P LANGER, S.Z., DE OLIVEIRA, A.M. & SCHÖEMAKER, H. Temperature dependence of substrate interaction with [³H]-mazindol binding to the noradrenaline transporter.
- 631P HENDERSON, G. & HUANG, Y. Potentiation by angiotensin II of [³H]-noradrenaline release from the cortex but not the locus coeruleus of the rat.
- 632P AGON, P.Y., BLANQUAERT, J.P., DEMAN, J., GOETHALS, P., KAUFMAN, J.M., VAN HAVER, D. & VERMEULEN, F. Uptake of [¹¹C]-quinidine in dog brain studied by positron emission tomography (PET).
- 633P ROONEY, K.F., SEWELL, R.D.E., SPENCER, P.S.J. & STOLZ, J.F. [³H]-spiperone binding in mouse striatal membranes following chronic pretreatment with SCH 23390 and haloperidol.
- 634P DUVAL, N., LANGER, S.Z., LEE, C.R. & PETRUZZO, P. Effect of sympathetic nerve stimulation on the release of betaxolol from the heart of the anaesthetised dog.
- 635P KRJZER, F. Effects of anti-depressant and neuroleptic drugs on the quantitatively analyzed electroencephalogram of the rat.
- 636P KRJZER, F. Typical profiles for the antidepressant and neuroleptic drug class based on quantitatively analyzed cortical EEG of the rat.
- 637P BEVAN, P., TULP, M.Th.M. & WOUTERS, W. Are 5-HT_{1A} binding sites relevant for the anti-hypertensive effects of DU 29373?
- 638P FASMER, O.B., HOLE, K. & HUNSKAAR, S. Involvement of central serotonergic pathways in nefopam-induced antinociception.
- 639P BERGE, O.-G., FASMER, O.B., HOLE, K. & JORGENSEN, H.A. Analgesic effects of nefopam at spinal and supraspinal sites.
- 640P DEWHURST, D.G. Effects of excitatory amino acid antagonists on catechol-induced seizures.
- 641P HERDON, H. & NAHORSKI, S.R. Radiolabelled and endogenous dopamine release from striatal slices: effect of electrical stimulation and regulation by D₂ receptors.
- 642P COSTALL, BRENDA, DOMENEY, ANNETTE M., KELLY, M. ELIZABETH & NAYLOR, R.J. The profile of action of sulpiride as an anti-schizophrenic agent.
- 643P FEELY, M., GENT, J.P., HAIGH, J.R.M. & PEAKER, S. Acute clobazam administration induces anticonvulsant tolerance to N-desmethyl-clobazam in mice.
- 644P ANWYL, R. & ROWAN, M.J. Tryptamine mimics the excitatory effect of 5-hydroxytryptamine in the rat hippocampal slice.
- 645P STANFORD, S.C. & WAUGH, J. Acute mild stress causes α_2 -adrenoceptor upregulation in rat cerebral cortex.
- 646P CRITCHLEY, M.A.E. & HANDLEY, S.L. 5-HT₂ receptor antagonists show anxiolytic-like activity in the X-maze.

- 647P HANDLEY, S.L., SINGH, A. & SINGH L. Ritanserin reduces morphine, and clonidine, withdrawal tics.
- 648P OLIVIER, B., SCHIPPER, J. & TULP, M.Th.M. 5-Hydroxytryptamine agonists: neurochemical profile and effects on aggressive behaviour.
- 649P BRENNAN, E. & BRIGGS, R.S. The effect of meptazinol on carbachol-induced phosphoinositide breakdown in rat brain slices.
- 650P ORMANDY, G.C. & PRINCE, A.K. Choline carrier activity in rat corpus striatum, hippocampus and cerebral cortex.
- 651P DECKERS, I.A., HERMAN, A.G. & LAEKEMAN, G.M. Detection of acetylcholine released from guinea-pig ileum, using an adapted cascade system.
- 652P ADHAM, N. & TEMPLETON, D. Parasympathetic denervation of the rat parotid gland: an investigation of muscarinic receptors using [^3H]-N-methylscopolamine.
- 653P RAALJMAKERS, J.A.M., TERPSTRA, G. K., VAN ROZEN, A.J. & WASSINK, G.A. The influence of haemophilus influenzae vaccination on rat cholinergic muscarinic pulmonary receptor characteristics.
- 654P HUNT, GERARDINE A., LOBBEZOO, MARINUS, VAN DALEN, DICKS Action of secoverine on M_1 and M_2 receptor mediated effects.
- 655P EGLEN, R.M., MICHEL, A.D. & WHITTING, R.L. Non-competitive antagonism exhibited by putative M_1 selective muscarinic antagonists.
- 656P VAN MARLE, J. & VELDSEMA-CURRIE, R.D. Demonstration of hemicholinium-3 high affinity binding sites in rat diaphragm using autoradiography. Effects of dexamethasone.
- 657P BREIMER, D.D., CURZON, G., DANHOF, M., DINGEMANSE, J. & HUTSON, P.H. Comparative CSF and plasma pharmacokinetics of heptabarbital in individual rats.
- 658P CURZON, G., IOLIN, Y.I., PATSALOS, P.N. & SOKOMBA, E.N. An investigation of carbamazepine neuropharmacokinetics in individual unrestrained rats using repeated sampling of CSF.
- 659P EGLEME, CECILE & GODFRAIND, T. Role of the endothelium in the potassium-induced relaxation in rat isolated aorta.
- 660P DE BIE, J.F.M., TEEUWEN, H.W.A. & VAN ROSSUM, J.M. The entero-hepatic circulation of phenolphthalein in the dog, a systems dynamics approach.
- 661P LINDEYER, E.W., RAGHOEBAR, M. VAN DEN BERG, W.B. & VAN GINNEKEN, C. A.M. In search of a pharmacokinetic model for the association of antibiotics to neutrophils.
- 662P AL-DUALJ, A.Y., CORRY, D.G., DE BRITO, F.B., MOORE, A.R. & WILLOUGHBY, D.A. Adjuvant induced polyarthritis and the subcutaneous model of synovium.
- 663P DRITTLJ-REIJNDERS, M.J.H.J., HOEIJMAKERS, J.J.F., THIJSSSEN, H.H.W. & UITENDAAL, M.P. Vitamin K1, 2, 3 epoxide reductase in cultured B16 mouse melanoma cells; a possible explanation for warfarin cytotoxicity.

- 664P BOLLANDS, A.D. & LOWE, K.C. Comparative effects of emulsified perfluorocarbons on lymphoid tissue in rodents.
- 665P DAVIS, S.S., LOWE, K.C. & SHARMA, S.K. Novel compositions of emulsified perfluorocarbons for biological applications.
- 666P ADAMS, M., BOARDER, M.R. & MARRIOTT, D.B. Modification by forskolin of stimulus secretion coupling in cultured bovine chromaffin cells.
- 667P CONNELLY, D.M. & TABERNER, P.V. Tissue glucose uptake in diabetic mice during chronic ethanol treatment (CET) and withdrawal.
- 668P DETIMAR, P.R., KELLY, J & MACDONALD, A. Effect of nor-adrenaline on non-adrenergic, non-cholinergic inhibitory nerve-induced responses in rat gastric fundus.
- 669P DAEMEN, M.J.A.P., THIJSEN, H.H. W. & VERVOORT-PETERS, H.T.M. Local and systemic effects of direct infusion of S-acenocoumarol into the testis of the conscious rat.
- 670P DESTA, BELAINESH & SENIOR, JUDITH Responses of the uterus to prostaglandin and oxytocin in the diabetic pregnant rat.
- 671P BERRIDGE, T.L., COLLINS, P.D., DOXEY, J.C. & ROACH, A.G. Effect of selective α_1 - and α_2 -adrenoceptor antagonists on glucose-induced hyperinsulinaemia in rats.
- 672P JACKSON, HELEN C. & SEWELL, R.D. E. Attenuation of 2-deoxy-D-glucose hyperphagia following chronic administration of a μ - but not a κ -opioid agonist.
- 673P HERMANSEN, K., OLESEN, H.O. & PEDERSON, L.E. The analgesic effect of buprenorphine, etorphine and pethidine in the pig, a randomized double blind cross-over study.
- 674P HOUVENAGHEL, A., SCHRAUWEN, E. & VANDEPLASSCHE, G. Absence of beneficial effects of naloxone and naltrexone in porcine endotoxic shock.
- 675P BISTER, J.L., COLLIGNON, J.L. & PAQUAY, R. Hormonal, ovarian and behavioural modifications induced by ram teasing at the beginning of the breeding season in the texel ewe.
- 676P CLARKE, G. & WRIGHT, D.M. Inhibitory effect of U50488H on suckling-evoked oxytocin release is blocked by propranolol.
- 677P BINKHORST, G.J., HENRICKS, P.A.J., NIJKAMP, F.P. & VAN DER VLIET, H. Phagocytic cell defence is depressed by stress in calves.
- 678P GENARD, J. & KRAMP, R. Excretory effects of torasemide and metabolites, and furosemide after unilateral renal application of i.v. injection in the rat.
- 679P BOWMER, C.J., COLLIS, M.G., KELLETT, R. & YATES, M.S. Effect of alkylxanthines on gentamicin-induced acute renal failure.
- 680P MANNION, D. & DAVIS, W.G. Modification of diuresis by propranolol in the ethanol-anaesthetised rat.
- 681P HELJN, M., RUSSEL, F.G.M. & VAN GINNEKEN, C.A.M. Effect of substituted benzoates on the organic anion transport system in isolated dog kidney membrane vesicles.

- 682P HALL, D.W.R. & VAN DEN HOVEN, W. 691P LYE, R.H., PARSONS, A.A. & E. Inhibition of human platelet functions by cyclandelate. WHALLEY, E.T. Effect of iloprost (ZK36374) and prostacyclin on in vitro human cerebral arteries.
- 683P HOLZER-PETSCHKE, ULRIKE, LEMBECK, F. & SEITZ, H. Comparison of the effects of substance P and neurokinin A on the rat stomach in vivo and in vitro. 692P ROSZKOWSKI, A.P., SMITH, D.L. & WILLIS, A.L. Oral activity of the prostacyclin mimetic, RS-93427*, delineated in a new heterologous ex-vivo platelet function assay.
- 684P BARIHO, L. & LIPPE, IRMGARD TH. Evaluation of a new and potent cholecystokinin antagonist on enteric reflexes. 693P HALL, D.W.R. & VAN DEN HOVEN, W.E. Rat gastric mucosa barrier protection and PGE₂ generation after colloidal bismuth subcitrate (DE-NOL).
- 685P DIFRANCESCO, G.F., PALFREYMAN, M. G., SPEDDING, M. & ZREIKA, M. Inhibition of MAO in the dog by MDL 72,394 with minimal tyramine potentiation. 694P BLACKHAM, A., JARRETT, F., NORRIS, A.A., WALSH, L.P. & ZEITLIN, I.J. Studies on experimental immune complex (IC)-induced colitis: effect of prednisolone.
- 686P HAWGOOD, B.J. & KEMPSFORD, R.D. The effects of nicorandil on reperfusion-induced arrhythmias and tissue lactate in the isolated perfused rat heart. 695P BAST, A., KRAMER, K., LEURS, R. & TIMMERMAN, H. Decrease in β -adrenoceptor density during lipid peroxidation.
- 687P MCGRATH, J.C. & MUIR, A. Effect of EDRF on contraction of rat aorta by noradrenaline and interaction with an α_2 -adrenoceptor antagonist and a Ca⁺⁺ activator. 696P BAST, A., KOLSTEE, J.A., PELDER, A., TIMMERMAN, H. & VAN DER WERF, J.F. Decrease of α_1 -adrenoceptors and H₁ histamine receptors on rat liver plasma membranes after CCl₄ pretreatment.
- 688P DE JONG, W., LAMBRECHTS, A.C. & VAN DEN BUUSE, M. Blood pressure effects of dopamine and bromocriptine in conscious spontaneously hypertensive rats (SHR). 697P BAST, A., LEURS, R. & TIMMERMAN, H. Comparison of the interaction of orphenadrine and nefopam with cytochrome P-450 and the glutathion-system of rat liver.
- 689P BADIA, A., MORON, A. & VILA, E. Effects of ergotamine on cardiovascular catecholamine receptors in the pithed rat. 698P BAST, A., TIMMERMAN, H., VAN DER GOOT, H. & WILKES, J.E. Superoxide dismutase activity of copper (II)-1, 10-phenanthroline and copper (II)-2, 9-dimethyl-1, 10-phenanthroline.
- 690P HERMAN, A.G., VAN DIEST, M.J. & VERBEUREN, T.J. Are thromboxane or prostaglandin receptors involved in the vascular actions of lipoxygenase metabolites of arachidonic acid?

- 699P RANDHAWA, M.A. & TURNER, P. Buccal drug absorption: a new approach to predict their pH dependent changes in renal excretion, protein binding and lipid membrane passage.
- 700P CARMELIET, E., VANHOUTTE, F. & VERBEKE, N. Enantioselective electrophysiological properties of tocainide.
- 701P CONINGS, L. & VERBEKE, N. Stereoselective pharmacokinetic behaviour of tocainide enantiomers in man.
- 702P DE SCHEPPER, P.J., LEMMEN, C.M., TEEUWEN, H.W.A., TJANDRAMAGA, T. B., VAN ROSSUM, J.M. & VELTHUIS, R.A. Clinical systems dynamics pharmacokinetics of the metabolic conversion of caffeine into paraxanthine.
- 703P AALDERS, R.J.W., HAVERKAMO, R.W., MAES, R.A.A., TEEUWEN, H.W.A. & VAN ROSSUM, J.M. Nicotine and cotinine detection in biological fluids and nicotine detection in filters of smoked cigarettes.
- 704P COHEN, A.F., HAMILTON, M.J., PECK, A.W. & YUEN, W.C. Lamotrigine and carbamazepine: a comparison on psychomotor performance.
- 705P DAILLEY, C., FEELY, M., GENT, J.P., HAIGH, J.R.M. & FULLAR, T. A preliminary evaluation of N-desmethyloclobazam in epilepsy.
- 706P COHEN, A.F., PECK, A.W. & YUEN, W.C. The effects of dexamphetamine on adaptive tracking in healthy volunteers.
- 707P GRIFFITHS, A., JONES, D., MERCER, A., RICHENS, A. & WROE, S. The effects of nefopam alone and in combination with ethanol on human performance, ventilatory response to hypercapnia and mood.
- 708P HUGHES, A., REDMAN, D., SEVER, P. & THOM, S. Fenoldopam vasodilates forearm vasculature by a dopaminergic mechanism.
- 709P BAX, N.D.S., LENARD, M.S., SHAW, L., TUCKER, G.T. & WOODS, H.F. Covalent binding of propranolol to human liver microsomes: biochemical and metabolic studies.
- 710P COLLINGE, J. & ROBERTS, C.J.C. Study of the action of cicletanine in hyperuricaemic patients.
- 711P ROUTLEDGE, P.A. & WATT, A.H. Effect of aminophylline on respiratory stimulation and heart rate changes produced by intravenous adenosine boluses in man.
- 712P HENDERSON, A.H., PENNY, W.J., ROUTLEDGE, P.A., SINGH, H. & WATT, A.H. Intravenous adenosine in the assessment of coronary perfusion reserve in man.
- 713P DUFF, G.R., GRAHAM, P.A. & WATT, A.H. Comparison of ocular and cardiovascular effects of oral nadolol and topical timolol in patients at risk of glaucoma.
- 714P HORNE, J.J., LEWIS, D.J.M., SMITH, P.M. & WATT, A.H. Adenosine reproduces epigastric pain in patients with recently symptomatic duodenal ulcer: effect of aminophylline.

- 715P MCCANN, J.P., MCELNAY, J.C., NICHOLLS, D.P., SCOTT, M.G. & STANFORD, C.F. Oral salbutamol does not affect theophylline kinetics.
- 716P ABRAMS, S.M.L., BAKER, L.R.I., DEVENPORT, C.E., JOHNSTON, A., MCDERMOTT, A.M., SMYTHE, M.M. & TURNER, P. Flupirtine pharmacokinetics in renal impairment.
- 717P DENHAM, M.J., DESHMUKH, A.A., DOBBS, S.M., JORDAN, A., NICHOLSON, P.W. & O'NEILL, C.J.A. Measurement of spontaneous movement during the night: a useful objective assessment of Parkinson's disease?
- 718P ABRAMS, S.M.L., JACKSON, S.H.D., JOHNSTON, A. & TURNER, P. Does paracetamol modify frusemide diuresis?
- 719P BARRY, M.G., COLLINS, W.C.J. & FEELY, J. Plasma protein binding of drugs in insulin-dependent diabetes mellitus.
- 720P BRADLEY, CATHERINE M. & NICHOLSON, A.N. Central effects of aspirin and paracetamol, and of the centrally acting analgesics, meptazinol and pentazocine.
- 721P DAVIES, D.E., DEWLAND, P.M., DONNELL, D., LEWIS, P.A., WILLIAMS, P.E.O. & WOODWARD, A.J. A study of nefopam kinetics after single and multiple oral doses in young and elderly volunteers.
- 722P DOBBS, R.J., LEVI, S., NICHOLSON, P.W. & O'NEILL, C.J.A. Pressure sores in the elderly: lack of inhibition of spontaneous movements during the night by chlormethiazole.
- 723P EDWARDS, D., FEELY, M., HAIGH, J., PEAKER, S. & FULLAR, T. The effect of cimetidine on the single dose pharmacokinetics of 1,5-benzodiazepines.
- 724P DE MEY, C., MEINEKE, I. & WESCHE, H. Temelastine does not alter the plasma pharmacokinetics of simultaneously administered antipyrine in man.
- 725P COLSTEE, J.H., DE BIE, J.F.M., TEEUWEN, H.W.A., VAN DEN BROEK, L.G.A.M. & VAN ROSSUM, J.M. Hernandulcin, a natural sweetening agent, synthesis, purification and pharmacokinetics of the (±)-hernandulcin racemate.
- 726P GOWER, A.J. *In vivo* α_2 -adrenoceptor antagonist activity of buspirone and its metabolite, 1 (-2 pyrimidyl) piperazine (IPP) in the rat.
- 727P GOWER, A.J. Cholinergic mediated yawning and analgesia in rats: differential effects of muscarinic agonists and antagonists.
- 728P BROEKKAMP, C.L.E., GOWER, A.J. & VAN DELFT, A.M.L. Vasopressin-peptides, physostigmine and pramiracetam on latent learning in the rat.
- 729P MARTIN, K.F., MASON, R. & MCDUGALL, H. Electrophysiological evidence that isapirone (TVX Q7821) is a partial agonist at 5-HT_{1A} receptors in the rat hippocampus.
- 730P DURAND, A., FERRANDES, B., GARRIGOU, D. & MORSELLI, P.L. Plasma and brain kinetics of zolpidem, a new hypnotic, in the rat.

- 731P AKINOSI, I.A. & WHALLEY, E.T. Expression of DES-ARG⁹-BK sensitive (B1) receptors in vivo by captopril, bradykinin and endotoxin.
- 732P ATTERWILL, C.K., BROWN, C.G., DICKENS, T.A. & JONES, C.A. Differential effect of tri-iodo-thyronine enantiomers on pituitary and peripheral deiodinase function in the rat.
- 733P ATTERWILL, C.K., BROWN, C.G., CONYBEARE, G. & MEAKIN, J. Diet-restriction of rats decelerates age related changes in serum prolactin levels and CNS dopamine receptor function.
- 734P MCNAMEE, P.M., MARKHAM, A. & SWEETMAN, A.J. Flurenamic acid promotes calcium release from lung mitochondria in non-sensitized and sensitized guinea pigs.
- 735P BENIHAM, J.M., HIGGINS, A.J. & WOODWARD, B. Effects of lipid amphiphiles on arrhythmogenesis in the anaesthetized cat.
- 736P WHALLEY, E.T. & WHALLEY, HELEN Role of endothelium in the response of the in vitro rat aorta under resting and sustained tension to bradykinin and angiotensin II.
- 737P DENNISS, A.R., DOWNEY, J.M., HEARSE, D.J., KINGMA, J.G. Jr & YELLON, D.M. Infarct size limitation with allopurinol and verapamil alone or in combination during 48 hours of coronary artery occlusion.
- 738P ALGATE, D.R., BRAMMER, N.T. & LAWRENCE, D.J. Meptazinol-induced diuresis in the water-loaded rat is antagonised by atropine.
- 739P ATKINSON, J. Clonidine blocks the pressor effect of electrical stimulation of the C1 area in normotensive rats.
- 740P ATKINSON, J., BOILLET, N., ESSADKI, A., LUTHI, P., MARANDA, B. & SONNAY, M. The blood pressure lowering effect of captopril is related primarily to the plasma renin level.
- 741P JIE, K., VAN BRUMMELEN, P. & VERMEY, P. Comparison of the acute haemodynamic effects of pindolol and labetalol in healthy volunteers.
- 742P BARNES, P.J., GRANDORDY, B., PAGE, C.P., RHODEN, K.J. & ROBERTSON, D. N. PAF-induced bronchial hyper-reactivity: effects on β -adrenoceptor function.
- 743P FLOWER, R.J., MOON-PARVIN, D., PEERS, S.H., PEPINSKY, B. & TAYLOR, R.D. A novel way for assessing the binding of phospholipase A₂ to substrate.
- 744P FINNEN, M.J., FLOWER, R.J. & TAYLOR, R.D. The effects of Zn⁺⁺ on pig pancreatic phospholipase A₂ activity and carageenin-induced pleurisy.
- 745P FRAIS, M.A., REYNOLDS, G., SILKE, B., TAYLOR, S.H. & VERMA, S.P. Haemodynamics of bumetanide in chronic and exercise-induced left heart failure.

- 746P CAMPBELL, D.B., DREW, M., INGS, R.M.J. & RICHARDS, R.P. A safer method to obtain intravenous pharmacokinetic data.
- 747P AUN, C., CHAN, K., HONGTUN, I.T., SALMON, N.P., THORNTON, J.A. Plasma concentrations of alfentanil in Chinese, Nepalese and Caucasian subjects after intravenous infusion.
- 748P DE JONG, Y., DE WILDT, D.J., NIJKAMP, F.P. & VAN DE KUIL, A. Pertussis toxin induced hypotension in rats: a non-endotoxic septic shock.
- 749P BATINK, H.D., DAVIDESKO, D., DE JONGE, A., DOODS, H.N., TER HEIDE, R. & VAN ZWIETEN, P.A. The muscarinic receptors of the heart and of the salivary glands may belong to two different subtypes.
- 750P MEYER, W. & SCHOLZ, H. Inotropic and phosphodiesterase inhibiting effects of pimobendan on human isolated cardiac preparations.
- 751P FRITSCH, R., SCHELD, H.H., MULCH, J., TRACH, V., GERSTENBERG, W., VAN MEEL, J.C.A. & HEHRLEIN, W. Effect of pimobendan on calcium sensitivity of skinned fibres isolated from human papillary muscles.

CONTRIBUTIONS BY TITLE ONLY

- 752P ALOSACHIE, I. & GODFRAIND, T. Influence of endothelium and cyclic-GMP on α -adrenoceptors.
- ALLEN, S.L., BOYLE, J.P., CORRIJO, J., FOSTER, R.W., MORGAN, G.P. & SMALL, R.C. The relaxant action of BRL 34915 in guinea-pig isolated trachealis.
- IEFF, P., MARTIN, G.R. & MORSE, J. Classification of peripheral 5-HT₂ receptors using agonist and antagonist tryptamine analogues.
- BOTTING, J.H. & OYEKAN, A.O. Inhibition of intravascular platelet aggregation in rat by adrenaline.