

PUBLISHED FOR
THE MEDICAL RESEARCH SOCIETY AND THE BIOCHEMICAL SOCIETY
BY
BLACKWELL SCIENTIFIC PUBLICATIONS LTD
OSNEY MEAD, OXFORD

PRINTED IN GREAT BRITAIN AT THE ALDEN PRESS, OXFORD

Volume 48

AUTHOR INDEX

Page numbers in Supplement No. 2 are distinguished by s

- ACCHIARDO, S.R., see Johnson, J.G. *et al.*
AGABITI ROSEI, E., see Muiesan, G. *et al.*
AHERNE, W., see Worwood, M. *et al.*
ALFORD, F.P., COOK, P.S., SWENSON, R.S. & REAVEN, G.M. Protein synthetic activity of membrane-bound and free ribosomes from parathyroid glands of dogs 373
ALICANDRI, C., see Muiesan, G. *et al.*
ALLSOP, J. & WATTS, R.W.E. Methionine adenosyltransferase, cystathionine β -synthase and cystathionine γ -lyase activity of rat liver subcellular particles, human blood cells and mixed white cells from rat bone marrow 509
ANAVEKAR, S.N., see Louis, W.J. *et al.*
ARMBRUSTER, H., see Beckerhoff, R. *et al.*
ARZILLI, F., see Salvetti, A. *et al.*
- BACKHOUSE, J., see Mawer, E.B. *et al.*
BAILEY, C.S., see Fox, R.H. *et al.*
BAKE, B., see Grimby, G. *et al.*
BAKER, L.R.I., CATTELL, W.R., CHILD, J.A. & SAVDIE, E. Iron therapy in maintenance haemodialysis 529
BANGHAM, D.R., ROBERTSON, I., ROBERTSON, J.I.S., ROBINSON, C.J. & TREE, M. An International collaborative study of renin assay: establishment of the international reference preparation of human renin 135s
BARGER, A.C., see Haber, E. *et al.*
BARJON, P., see Mimran, A. *et al.*
BARON, G.D., see Zschiedrich, H. *et al.*
BARRETT, J., see Eggena, P. *et al.*
BARSOTTI, G., see Gonella, M. *et al.*
BARTORELLI, C., POLESE, A., FIORENTINI, C., MAGRINI, F., OLIVARI, M.T. & GUAZZI, M. Electrical and dynamic responses of the human hyperkinetic heart to sympathetic stimuli 291s
BAUKNECHT, H., see Hackenthal, E. *et al.*
BAYLISS, R.I.S., see Edwards, O.M. & Bayliss, R.I.S.
BECKERHOFF, R., KAPPELER, M., VETTER, W., ARMBRUSTER, H. & SIEGENTHALER, W. Effect of immunization against angiotensin II on blood pressure and on plasma aldosterone in the rabbit 413
BECKERHOFF, R., UHLSCHMID, G., VETTER, W., ARMBRUSTER, H., NUSSBERGER, J., RECK, G., SCHMIED, U. & SIEGENTHALER, W. Effect of angiotensin II and of an angiotensin II analogue (Sar¹-Ile⁸-angiotensin II) on blood pressure, plasma aldosterone and plasma renin activity in the dog 41s
BEILIN, L.J., see Pugsley, D. *et al.*
BENRAAD, T.J., see Drayer, J.I.M. *et al.*
BERL, T., see Schrier, R.W. *et al.*
BIAGINI, M., see Maggiore, Q. *et al.*
BIANCHETTI, G., see Leonetti, G. *et al.*
BLACK, W.D., see Johnson, J.G. *et al.*
BLACKWELL, C.F., see Johnson, J.G. *et al.*
BOAKES, A.J., see Prichard, B.N.C. *et al.*
BOBINSKI, H., see Mir, M.A. & Bobinski, H.
BOCK, K.D., see Werner, U. *et al.*

- BOER, P., see Geyskes, G.G. *et al.*
- BOLLI, P., WOOD, A.J., PHELAN, E.L., LEE, D.R. & SIMPSON, F.O. Prazosin: preliminary clinical and pharmacological observations 177s
- BONJOUR, J.-P., see Boudry, J.-F. *et al.*, see also Guiland, D. *et al.*
- BOUDRY, J.-F., TROEHLER, U., TOUABI, M., FLEISCH, H. & BONJOUR, J.-P. Secretion of inorganic phosphate in the rat nephron 475
- BOURKE, E., see Oliver, J. & Bourke, E.
- BOWN, R.L., GIBSON, J.A., FENTON, J.C.B., SNEDDEN, W., CLARK, M.L. & SLADEN, G.E. Ammonia and urea transport by the excluded human colon 279
- BRADLEY, G.W., HENDERSON, A.K. & MILLS, R.J. Cardiogenic oscillations of nitrogen and argon concentration in expired gas in man 39
- BREATHNACH, A.S., see Logan, A.G. *et al.*
- BRENNAN, P.J., see Miall, W.E. & Brennan, P.J.
- BROOKE, O.G., see Fox, R.H. *et al.*
- BROOKS, D.E., see Sleight, P. *et al.*
- BROTHERHOOD, J., BROZOVIĆ, B. & PUGH, L.G.C. Haematological status of middle- and long-distance runners 139
- BROUWER, G., see Struyker Boudier, H. *et al.*
- BROWN, M.J., see Scroop, G.C. *et al.*
- BROZOVIĆ, B., see Brotherhood, J. *et al.*
- BRUNNER, H.R., see Gavras, H. *et al.*
- BÜHLER, F.R., MARBET, G., PATEL, U. & BURKART, F. Renin-suppressive potency of various beta-adrenergic blocking agents at supine rest and during upright exercise 61s
- BUMPUS, F.M. & KHOSLA, M.C. Inhibition of the pressor and aldosterone-releasing effects of angiotensin II 15s
- BURKART, F., see Bühler, F.R. *et al.*
- BURTON, J., see Haber, E. *et al.*
- BUSBY, P., see Fernandes, M. *et al.*
- CAIN, M.D., see Scroop, G.C. *et al.*
- CALENDER, S., see Youdim, M.B.H. *et al.*
- CAMPBELL, A.K., see Elkeles, R.S. *et al.*
- CARNEY, S., see Morgan, T. *et al.*
- CARSON, E.R., see Varcoe, R. *et al.*
- CASELLAS, D., see Mimran, A. *et al.*
- CATTELL, W.R., see Baker, L.R.I. *et al.*
- CHALMERS, J.P. & WING, L.M.H. Central serotonergic neurons and experimental neurogenic and renal hypertension in the rabbit 279s
- CHAPMAN, B.J., WITHEY, W.R. & MUNDAY, K.A. Autoregulation of renal blood flow in dogs at normal body temperature and at 27°C 501
- CHEVILLOTTE, E., DEVYNCK, M.A., FYHRQUIST, F., MEYER, P., ROUZAIRE-DUBOIS, B. & WORCEL, M. Angiotensin-induced variations of receptors in rat uterine membranes 23s
- CHHUTTANI, P.N., see Nair, C.R. *et al.*
- CHIDSEY, C.A., see Leonetti, G. *et al.*
- CHILD, J.A., see Baker, L.R.I. *et al.*
- CHIMOSKEY, J.E., FLANAGAN, W.J., HUNTSMAN, L.L., GAMS, E. & RUSHMER, R.F. Correlation of peak aortic and carotid flow acceleration during coronary occlusion in conscious baboons 243
- CHLUP, J., ŠERF, B., OUŘEDNÍK, A. & PARKMANNOVÁ, A. Partial pressures of oxygen and carbon dioxide, and pH of blood sampled from wedged pulmonary artery 47
- CHRISTLIEB, R., see Hickler, R.B. *et al.*
- CHUA, K.G., see Doyle, A.E. *et al.*

- CLANCY, L., see Leitch, A.G. *et al.*
- CLARK, M.L., see Bown, R.L. *et al.*
- CLEMENT, D.L., PELLETIER, L.C. & SHEPHERD, J.T. Control of high and low blood pressure in the dog by aortic and sinus nerves 257s
- COHEN, R.D., see Yudkin, J. & Cohen, R.D.
- COLEMAN, T.G. & GUYTON, A.C. The pressor role of angiotensin in salt deprivation and renal hypertension in rats 45s
- COLE, C.H. & MALETZ, R. Changes in erythrocyte membrane ouabain-sensitive adenosine triphosphatase after renal transplantation 239
- COLLINS, J.C., see Fox, R.H. *et al.*
- COLSTON, K.W., see Evans, I.M.A. *et al.*
- CONWAY, J., DARWIN, K., HILDITCH, A., LOVEDAY, B. & REEVES, M. Effect of propranolol on blood pressure in normal and hypertensive rats 101s
- COOK, P.S., see Alford, F.P. *et al.*
- COPE, C.L. & LOIZOU, S. Deoxycorticosterone excretion in normal, hypertensive and hypokalaemic subjects 97
- CORVOL, P.L., see Safar, M.E. *et al.*
- CROSBIE, W.A., MOHAMEDALLY, S.M. & WOODHOUSE, N.J.Y. Effect of salmon calcitonin on cardiac output, oxygen transport and bone turnover in patients with Paget's disease 537
- CUESTA, V., see Deheneffe, J. *et al.*
- CUTHBERT, M.F., see Smith, A.P. *et al.*
- DALAKOS, T.G. & STREETEN, D.H.P. The role of plasma volume in the increase of aldosterone secretion rate during sodium deprivation 161
- DANDONA, P., EL KABIR, D.J., NAFTOLIN, F. & MACKINNON, P.C.B. Effect of long-acting thyroid stimulator on serum concentration of luteinizing hormone in the rat 231
- DARGIE, H.J., see Lewis, P.J. *et al.*
- DARWIN, K., see Conway, J. *et al.*
- DATTA, D.V., see Nair, C.R. *et al.*
- DAVIES, C.T.M. & SARGEANT, A.J. Changes in physiological performance of the lower limb after fracture and subsequent rehabilitation 107
- DAVIS, J.O. The Second Volhard Lecture: The use of blocking agents to define the functions of the renin-angiotensin system 3s
- DAWKINS, S., see Worwood, M. *et al.*
- DAY, M.D. & ROACH, A.G. The brain as a possible site for the cardiovascular effects of β -adrenoceptor blocking agents in cats 269s
- DEHENEFFE, J., CUESTA, V. & ROBERTSON, I. The control of aldosterone in anephric man 46s
- DE JONG, W., see Leenen, F.H.H. *et al.*
- DESAULLES, E., see Imbs, J.L. *et al.*
- DE SILVA, P., see Mawer, E.B. *et al.*
- DEVYNCK, M.A., see Chevillotte, E. *et al.*
- DIETZ, R., see Rauh, W. *et al.*
- DI SALLE, E., see Leonetti, G. *et al.*
- DOE, W.F., see Peters, T.J. *et al.*
- DOLLERY, C.T., see George, C.F. *et al.*, see also Lewis, P.J. *et al.*
- DORHOUT MEES, E.J., see Geyskes, G.G. *et al.*
- DOYLE, A.E., CHUA, K.G., DUFFY, S. & LOUIS, W.J. Plasma renin, urinary sodium excretion and vascular disease 127s
- DOYLE, A.E., see also Louis, W.J. *et al.*
- DRAYER, J.I.M., KLOPPENBORG, P.W.C. & BENRAAD, T.J. Detection of low-renin hypertension; evaluation of out-patient renin-stimulating methods 91

- DUFFY, S., see Doyle, A.E. *et al.*
- DUNLOP, E.H., see Weston, M.J. *et al.*
- DUNLOP, L.S., see Smith, A.P. *et al.*
- DUPONT, M., see Mimran, A. *et al.*
- EARLEY, L.E., see Schrier, R.W. *et al.*
- EDMONDS, C.J., JASANI, B.M. & SMITH, T. Total body potassium and body fat estimation in relationship to height, sex, age, malnutrition and obesity 431
- EDMONDSON, R.P.S., see Thomas, R.D. *et al.*
- EDWARDS, O.M. & BAYLISS, R.I.S. Postural fluid retention in patients with idiopathic oedema: lack of relationship to the phase of the menstrual cycle 331
- EFSTRATOPOULOS, A.D. & PEART, W.S. Effect of single and combined infusions of angiotensin II and aldosterone on colonic potential difference, blood pressure and renal function, in patients with adrenal deficiency 219
- EGGENA, P., BARRETT, J. & SAMBHI, M. Effect of prostaglandins (E₂ and A₂) on the enzymatic reaction of human renin in isolated homologous system and with added normal and hypertensive plasma 307s
- ELEMA, J.D., see Leenen, F.H.H. *et al.*
- EL KABIR, D.J., see Dandona, P. *et al.*
- ELKELES, R.S., LAZARUS, J.H., SIDDLER, K. & CAMPBELL, A.K. Plasma adenosine 3':5'-cyclic monophosphate response to glucagon in thyroid disease 27
- ESLER, M.D., see Julius, S. *et al.*
- EVANS, I.M.A., COLSTON, K.W., GALANTE, L. & MACINTYRE, I. Feedback regulation of 25-hydroxy-cholecalciferol metabolism by vitamin D₃ 227
- FENTON, J.C.B., see Bown, R.L. *et al.*
- FERNANDES, M., SANFORD SMITH, I., WEDER, A., KIM, K.E., GOULD, A.B., BUSBY, P., SWARTZ, C. & ONESTI, G. Prazosin in the treatment of hypertension 181s
- FINCH, L. The central hypotensive action of clonidine and BAY 1470 in cats and rats 273s
- FIorentini, C., see Bartorelli, C. *et al.*
- FLAMENBAUM, W., see Kleinman, J.G. *et al.*
- FLANAGAN, W.J., see Chimoskey, J.E. *et al.*
- FLEISCH, H., see Boudry, J.-F. *et al.*, see also Guiland, D. *et al.*
- FLENLEY, D.C., see Leitch, A.G. *et al.*
- FOLKOW, B. Central neurohormonal mechanisms in spontaneously hypertensive rats compared with human essential hypertension 205s
- FOX, R.H., BROOKE, O.G., COLLINS, J.C., BAILEY, C.S. & HEALEY, F.B. Measurement of deep body temperature from the urine 1
- FREYBURGER, W.A., see Martin, W.B. *et al.*
- FRIEDMAN, B.I., see Johnson, J.G. *et al.*
- FROHLICH, E.D. & PFEFFER, M.A. Adrenergic mechanisms in human hypertension and in spontaneously hypertensive rats 225s
- FYHRQUIST, F., see Chevillotte, E. *et al.*
- GALANTE, L., see Evans, I.M.A. *et al.*
- GAMS, E., see Chimoskey, J.E. *et al.*
- GANTEN, D., HUTCHINSON, J.S. & SCHELLING, P. The intrinsic brain iso-renin-angiotensin system in the rat: its possible role in central mechanisms of blood pressure regulation 265s
- GARCIA-TORRES, R., see Grünfeld, J.P. *et al.*
- GAVRAS, H., BRUNNER, H.R., LARAGH, J.H., GAVRAS, I. & VUKOVICH, R.A. The use of angiotensin-converting enzyme inhibitor in the diagnosis and treatment of hypertension 57s
- GAVRAS, I., see Gavras, H. *et al.*

- GAZZARD, B.G., see Weston, M.J. *et al.*
- GAZZETTI, P., see Salvetti, A. *et al.*
- GEORGE, C.F., LEWIS, P.J., STEINER, J.A. & DOLLERY, C.T. A comparison of propranolol and compound R03-4787 in the treatment of arterial hypertension in man 65s
- GEYSKES, G.G., BOER, P., LEENEN, F.H.H. & DORHOUT MEES, E.J. Effect of volume depletion and subsequent propranolol treatment on blood pressure and plasma renin activity in patients with essential and with renovascular hypertension 69s
- GIBSON, J.A., see Bown, R.L. *et al.*
- GIOVANNETTI, S., see Gonella, M. *et al.*
- GIUDICELLI, Y., NORDMANN, R. & NORDMANN, J. Modifications of plasma post-heparin lipolytic activity and tissue lipoprotein lipase activity induced in the rat by acute administration of ethanol or propan-2-ol 153
- GLEASON, R.E., see Hickler, R.B. *et al.*
- GONELLA, M., BARSOTTI, G., LUPETTI, S. & GIOVANNETTI, S. Factors affecting the metabolic production of methylguanidine 341
- GOONARATNA, C. DE F.W. & WRONG, O.M. Assessment of urine-concentrating ability in man: effect of fludrocortisone and urea in enhancing response to vasopressin 269
- GOSLING, P., ROBINSON, B.H.B. & SAMMONS, H.G. Changes in protein-bound calcium in the serum of haemodialysis patients 521
- GOULD, A.B., see Fernandes, M. *et al.*
- GRAHAME-SMITH, D.G., see Youdim, M.B.H. *et al.*
- GRIMBY, G., OXHØJ, H. & BAKE, B. Effects of abdominal breathing on distribution of ventilation in obstructive lung disease 193
- GROSS, F. Address on the occasion of the presentation of the Merck Sharp and Dohme International Award to Dr Kozo Okamoto and the Franz Volhard Award to Dr James O. Davis 1s
- GROSS, F., see also Rauh, W. *et al.*, see also Zschiedrich, H. *et al.*
- GRÜNFELD, J.P., KLEINKNECHT, D., MOREAU, J.F., KAMOUN, P., SABTO, J., GARCIA-TORRES, R., OSORIO, M. & KREIS, H. Permanent hypertension after renal homotransplantation in man 391
- GUAZZI, M., see Bartorelli, C. *et al.*
- GUILLAND, D., TRECHSEL, U., BONJOUR, J.-P. & FLEISCH, H. Stimulation of calcium absorption and apparent increased intestinal 1,25-dihydroxycholecalciferol in rats treated with low doses of ethane-1-hydroxy-1,1-diphosphonate 157
- GÜNNEWIG, H., see Werner, U. *et al.*
- GUYTON, A.C., see Coleman, T.G. & Guyton, A.C.
- HABER, E., SANCHO, J., RE, R., BURTON, J. & BARGER, A.C. The role of the renin-angiotensin-aldosterone system in cardiovascular homeostasis in normal man 49s
- HACKENTHAL, E., BAUKNECHT, H. & OSTER, P. The response of the renin-angiotensin system in rats to the injection of angiotensin II antibodies 27s
- HACKENTHAL, E., see also Zschiedrich, H. *et al.*
- HAEBARA, H., see Okamoto, K. *et al.*
- HAGENFELDT, L., HELLSTRÖM, K. & WAHREN, J. Triglyceride, free fatty acid and carbohydrate metabolism in hyperlipaemic (type IV) and normolipaemic subjects on carbohydrate- or fat-rich diets 247
- HALLIDAY, D., see Varcoe, R. *et al.*
- HATCH, F.E., JR, see Johnson, J.G. *et al.*
- HAYES, T.M., see Lewis, B.M. & Hayes, T.M.
- HAZAMA, F., see Okamoto, K. *et al.*
- HEALEY, F.B., see Fox, R.H. *et al.*
- HEATH, J.R., see Peters, T.J. *et al.*
- HELLSTRÖM, K., see Hagenfeldt, L. *et al.*
- HENDERSON, A.K., see Bradley, G.W. *et al.*

- HENDERSON, R.G., see Russell, R.G.G. *et al.*
- HENNING, M. Central sympathetic transmitters and hypertension 195s
- HICKLER, R.B., LAULER, D.P., GLEASON, R.E. & CHRISTLIEB, R. Plasma renin activity and cardiovascular disease 131s
- HILDITCH, A., see Conway, J. *et al.*
- HILL, L.F., see Mawer, E.B. *et al.*
- HILTON, P.J., see Thomas, R.D. *et al.*
- HINDFELT, B. The distribution of ammonia between extracellular and intracellular compartments of the rat brain 33
- HOFBAUER, K.G., see Zschiedrich, H. *et al.*
- HOFFBRAND, A.V., see Lavoie, A. *et al.*
- HONJO, I., see Ozawa, K. & Honjo, I.
- HUGHES, R.D., see Weston, M.J. *et al.*
- HUNTSMAN, L.L., see Chimoskey, J.E. *et al.*
- HUTCHINSON, J.S., see Ganten, D. *et al.*
- IMBS, J.L., KRAETZ, J., SCHMIDT, M., DESAULLES, E. & SCHWARTZ, J. Beta-blocking drugs and renin secretion in the anaesthetized dog 105s
- JACOBS, A., see Worwood, M. *et al.*
- JANUSZEWICZ, W. & WOCIAL, B. Dopa, catecholamines and their metabolites in essential hypertension 295s
- JASANI, B.M., see Edmonds, C.J. *et al.*
- JOEKES, A.M., see Prichard, B.N.C. *et al.*
- JOHNSON, J.G., BLACK, W.D., VUKOVICH, R.A., HATCH, F.E., JR, FRIEDMAN, B.I., BLACKWELL, C.F., SHENOUDA, A.N., SHARE, L., SHADE, R.E., ACCHIARDO, S.R. & MUIRHEAD, E.E. Treatment of patients with severe hypertension by inhibition of angiotensin-converting enzyme 53s
- JONES, N.F., see Thomas, R.D. *et al.*
- JOY, M.D. The vasomotor centre and its afferent pathways 253s
- JULIUS, S., ESLER, M.D. & RANDALL, O.S. Role of the autonomic nervous system in mild human hypertension 243s
- KAMOUN, P., see Grünfeld, J.P. *et al.*
- KAPPAGODA, C.T., see Stoker, J.B. *et al.*
- KAPPELER, M., see Beckerhoff, R. *et al.*
- KATIC, F.P., see Scroop, G.C. *et al.*
- KHOSLA, M.C., see Bumpus, F.M. & Khosla, M.C.
- KIM, K.E., see Fernandes, M. *et al.*
- KIMURA, T., TAKAHASHI, E., OZAWA, M., UCHIYAMA, S., MAEKAWA, S., YASHIMA, O. & SATO, M. Effect of pyratrione (a tyrosine hydroxylase inhibitor) in essential hypertension 175s
- KLEINKNECHT, D., see Grünfeld, J.P. *et al.*
- KLEINMAN, J.G., MCNEIL, J.S. & FLAMENBAUM, W. Uranyl nitrate acute renal failure in the dog: early changes in renal function and haemodynamics 9
- KLOPPENBORG, P.W.C., see Drayer, J.I.M. *et al.*
- KONDO, K., see Saruta, T. *et al.*
- KRAETZ, J., see Imbs, J.L. *et al.*
- KRAKOFF, L.R., VLACHAKIS, N., MENDLOWITZ, M. & STRICKER, J. Differential effect of prostaglandin A₁ in hypertensive patients with low, normal and high renin 311s
- KREIS, H., see Grünfeld, J.P. *et al.*
- LANGLEY, P.G., see Weston, M.J. *et al.*
- LARAGH, J.H., see Gavras, H. *et al.*

- LAULER, D.P., see Hickler, R.B. *et al.*
- LAVOIE, A., TRIPP, E., PARSA, K. & HOFFBRAND, A.V. Polyglutamate forms of folate in resting and proliferating mammalian tissues 67
- LAZARUS, J.H., see Elkeles, R.S. *et al.*
- LEDINGHAM, J.G.G., see Warren, D.J. & Ledingham, J.G.G.
- LEE, D.R., see Bolli, P. *et al.*
- LEENEN, F.H.H., SCHEEREN, J.W., OMYLANOWSKI, D., ELEMA, J.D., VAN DER WAL, B. & DE JONG, W. Changes in the renin-angiotensin-aldosterone system and in sodium and potassium balance during development of renal hypertension in rats 17
- LEENEN, F.H.H., see also Geyskes, G.G. *et al.*
- LEITCH, A.G., CLANCY, L. & FLENLEY, D.C. Maximal oxygen uptake, lung volume and ventilatory response to carbon dioxide and hypoxia in a pair of identical twin athletes 235
- LEONETTI, G., MAYER, G., MORGANTI, A., TERZOLI, L., ZANCHETTI, A., BIANCHETTI, G., DI SALLE, E., MORSELLI, P.L. & CHIDSEY, C.A. Hypotensive and renin-suppressing activities of propranolol in hypertensive patients 491
- LEONETTI, G., MAYER, G., MORGANTI, A., TERZOLI, L., ZANCHETTI, A., MORSELLI, P.L., DI SALLE, E. & CHIDSEY, C.A. Blood pressure decrease and responsiveness to renin-releasing stimuli under increasing doses of propranolol in patients with essential hypertension 77s
- LEVI, A.J., see Segal, A.W. & Levi, A.J.
- LEWIS, B.M. & HAYES, T.M. The effect of age on deoxyribonucleic acid synthesis in rat adipose tissue 323
- LEWIS, P.J., DARGIE, H.J. & DOLLERY, C.T. Role of saline consumption in the prevention of deoxycorticosterone hypertension in rats by central 6-hydroxydopamine 327
- LEWIS, P.J., see also George, C.F. *et al.*
- LIND, A.R., see Petrofsky, J.S. & Lind, A.R.
- LINDEN, R.J., see Stoker, J.B. *et al.*
- LOGAN, A.G., TENYI, I., QUESADA, T., PEART, W.S., BREATHNACH, A.S. & MARTIN, B.G.H. Blockade of renin release by lanthanum 31s
- LOIZOU, S., see Cope, C.L. & Loizou, S.
- LOMBARDI, F., see Malliani, A. *et al.*
- LONDON, G.M., see Safar, M.E. *et al.*
- LOUIS, W.J., DOYLE, A.E. & ANAVEKAR, S.N. Plasma noradrenaline concentration and blood pressure essential hypertension, phaeochromocytoma and depression 239s
- LOUIS, W.J., see also Doyle, A.E. *et al.*
- LOVEDAY, B., see Conway, J. *et al.*
- LOW-BEER, T.S., see Pomare, E.W. & Low-Beer, T.S.
- LUMB, G.A., see Mawer, E.B. *et al.*
- LUPETTI, S., see Gonella, M. *et al.*
-
- MACINTYRE, I., see Evans, I.M.A. *et al.*
- MACKINNON, P.C.B., see Dandona, P. *et al.*
- MAEKAWA, S., see Kimura, T. *et al.*
- MAGGIORE, Q., BIAGINI, M., ZOCCALI, C. & MISEFARI, M. Long-term propranolol treatment of resistant arterial hypertension in haemodialysed patients 73s
- MAGRINI, F., see Bartorelli, C. *et al.*
- MALETZ, R., see Cole, C.H. & Maletz, R.
- MALLIANI, A., LOMBARDI, F., PAGANI, M., RECORDATI, G. & SCHWARTZ, P.J. Spinal sympathetic reflexes in the cat and the pathogenesis of arterial hypertension 259s
- MANDRADJIEFF, M., see Sweet, C.S. & Mandradjieff, M.
- MARBET, G., see Bühler, F.R. *et al.*
- MARTIN, B.G.H., see Logan, A.G. *et al.*

- MARTIN, W.B., ZINS, G.R. & FREYBURGER, W.A. The use of minoxidil, an experimental arteriolar dilator, in 510 patients with refractory hypertension 189s
- MATUKI, S., see Saruta, T. *et al.*
- MAWER, E.B., BACKHOUSE, J., HILL, L.F., LUMB, G.A., DE SILVA, P., TAYLOR, C.M. & STANBURY, S.W. Vitamin D metabolism and parathyroid function in man 349
- MAYER, G., see Leonetti, G. *et al.*
- MCCREDIE, D.A., POWELL, H.R. & ROTENBERG, E. Effect of parathyroid extract on renin release in the dog 461
- MCNAY, J.L., see O'Malley, K. & McNay, J.L.
- MCNEIL, J.S., see Kleinman, J.G. *et al.*
- MELLON, P.J., see Weston, M.J. *et al.*
- MENARD, J.E., see Safar, M.E. *et al.*
- MENDLOWITZ, M., see Krakoff, L.R. *et al.*
- MEYER, P., see Chevillotte, E. *et al.*
- MIALI, W.E. & BRENNAN, P.J. A pilot trial of treatment for mild hypertension; interim report of the Medical Research Council's trial in Britain 165s
- MILLIEZ, P.L., see Safar, M.E. *et al.*
- MILLS, R.J., see Bradley, G.W. *et al.*
- MIMRAN, A., CASELLAS, D., DUPONT, M. & BARJON, P. Effect of a competitive angiotensin antagonist on the renal haemodynamic changes induced by inhibition of prostaglandin synthesis in rats 299s
- MIR, M.A. & BOBINSKI, H. Altered membrane sodium transport and the presence of a plasma ouabain-like inhibitory factor in acute myeloid leukaemia 213
- MISEFARI, M., see Maggiore, Q. *et al.*
- MITCHELL, B., see Youdim, M.B.H. *et al.*
- MOHAMEDALLY, S.M., see Crosbie, W.A. *et al.*
- MOREAU, J.F., see Grünfeld, J.P. *et al.*
- MORGAN, T., CARNEY, S. & ROBERTS, R. Changes in plasma renin activity and blood pressure after acute and chronic administration of β -adrenergic receptor-blocking drugs 81s
- MORGANTI, A., see Leonetti, G. *et al.*
- MORSELLI, P.L., see Leonetti, G. *et al.*
- MOTOLESE, M., see Muiesan, G. *et al.*
- MUIESAN, G., ALICANDRI, C., AGABITI ROSEI, E., MOTOLESE, M. & VALORI, C. Effect of oxyprenolol on catecholamines and plasma renin activity: acute response to frusemide in hypertensive patients 85s
- MUIRHEAD, E.E., see Johnson, J.G. *et al.*
- MUNDAY, K.A., see Chapman, B.J. *et al.*
- NAFTOLIN, F., see Dandona, P. *et al.*
- NAGAOKA, A., see Okamoto, K. *et al.*
- NAIR, C.R., NIRANKARI, O.P., CHHUTTANI, P.N. & DATTA, D.V. Impaired hepatic release of triglycerides: a possible cause of acute alcoholic fatty liver in the Rhesus monkey 453
- NAKAMURA, R., see Saruta, T. *et al.*
- NEALE, G., see Peters, T.J. *et al.*
- NIRANKARI, O.P., see Nair, C.R. *et al.*
- NORDMANN, J., see Giudicelli, Y. *et al.*
- NORDMANN, R., see Giudicelli, Y. *et al.*
- NORMAN, A.W., see Russell, R.G.G. *et al.*
- NUSSBERGER, J., see Beckerhoff, R. *et al.*
- OATES, H.F., see Stokes, G.S. *et al.*, see also Weber, M.A. *et al.*
- OKAMOTO, K., HAZAMA, F., YAMORI, Y., HAEBARA, H. & NAGAOKA, A. Pathogenesis and prevention of stroke in spontaneously hypertensive rats 161s

- OLIVARI, M.T., see Bartorelli, C. *et al.*
- OLIVER, J. & BOURKE, E. Adaptations in urea ammonium excretion in metabolic acidosis in the rat: a reinterpretation 515
- O'MALLEY, K. & McNAY, J.L. Technique for rapid control of hypertension with oral minoxidil 185s
- OMYLANOWSKI, D., see Leenen, F.H.H. *et al.*
- ONESTI, G., see Fernandes, M. *et al.*
- OSORIO, M., see Grünfeld, J.P. *et al.*
- OSTER, P., see Hackenthal, E. *et al.*, see also Rauh, W. *et al.*
- OUREDNIK, A., see Chlup, J. *et al.*
- OXHØJ, H., see Grimby, G. *et al.*
- OZAWA, K. & HONJO, I. Control of phosphorylative activity in human liver mitochondria through changes in respiratory enzyme contents 75
- OZAWA, M., see Kimura, T. *et al.*
- PAGANI, M., see Malliani, A. *et al.*
- PARKMANNOVÁ, A., see Chlup, J. *et al.*
- PARSA, K., see Lavoie, A. *et al.*
- PATEL, C. Yoga and biofeedback in the management of 'stress' in hypertensive patients 171s
- PATEL, U., see Bühler, F.R. *et al.*
- PEART, W.S., see Efstratopoulos, A.D. & Peart, W.S., see also Logan, A.G. *et al.*
- PELLETIER, L.C., see Clement, D.L. *et al.*
- PETERS, T.J., HEATH, J.R., WANSBOROUGH-JONES, M.H. & DOE, W.F. Enzyme activities and properties of lysosomes and brush borders in jejunal biopsies from control subjects and patients with coeliac disease 259
- PETERS, T.J., NEALE, G. & HEATH, J.R. Effect of bile-duct ligation on organelle marker enzymes in the liver and serum of rats. 307
- PETO, R., see Pugsley, D. *et al.*
- PETROFSKY, J.S. & LIND, A.R. The relationship of body fat content to deep muscle temperature and isometric endurance in man 405
- PFEFFER, M.A., see Frohlich, E.D. & Pfeffer, M.A.
- PHELAN, E.L., see Bolli, P. *et al.*
- PHILIPPU, A. Central regulation of arterial blood pressure 191s
- POLESE, A., see Bartorelli, C. *et al.*
- POMARE, E.W. & LOW-BEER, T.S. The selective inhibition of chenodeoxycholate synthesis by cholate metabolites in man 315
- POWELL, H.R., see McCredie, D.A. *et al.*
- PRESTON, C., see Russell, R.G.G. *et al.*
- PRICHARD, B.N.C., THOMPSON, F.O., BOAKES, A.J. & JOEKES, A.M. Some haemodynamic effects of compound AH 5158 compared with propranolol, propranolol plus hydralazine, and diazoxide: the use of AH 5158 in the treatment of hypertension 97s
- PUGH, L.G.C., see Brotherhood, J. *et al.*
- PUGSLEY, D., BELIN, L.J. & PETO, R. Renal prostaglandin synthesis in experimental renal-clip hypertension in the rat 303s
- QUESADA, T., see Logan, A.G. *et al.*
- RAMPLING, M.W. A comparison of the effects of incubation on cells containing haemoglobin S or haemoglobin A 367
- RANDALL, O.S., see Julius, S. *et al.*
- RAUH, W., OSTER, P., DIETZ, R. & GROSS, F. The renin-angiotensin system in acute renal failure of rats 467

- RE, R., see Haber, E. *et al.*
- REAVEN, G.M., see Alford, F.P. *et al.*
- RECK, G., see Beckerhoff, R. *et al.*
- RECORDATI, G., see Malliani, A. *et al.*
- REED, J.D., see Wright, C.L. *et al.*
- REES, P.M., see Sleight, P. *et al.*
- REEVES, M., see Conway, J. *et al.*
- REID, I.A., see Schrier, R.W. *et al.*
- RICHARDS, P., see Varcoe, R. *et al.*
- RINDI, P., see Salvetti, A. *et al.*
- ROACH, A.G., see Day, M.D. & Roach, A.G.
- ROBERTS, R., see Morgan, T. *et al.*
- ROBERTSON, I., see Bangham, D.R., see also Deheneffe, J. *et al.*
- ROBERTSON, J.I.S., see Bangham, D.R.
- ROBINSON, B.H.B., see Gosling, P. *et al.*
- ROBINSON, C.J., see Bangham, D.R.
- ROBINSON, J.L., see Sleight, P. *et al.*
- ROTENBERG, E., see McCredie, D.A. *et al.*
- ROUZAIRE-DUBOIS, B., see Chevillote, E. *et al.*
- RUSHMER, R.F., see Chimoskey, J.E. *et al.*
- RUSSELL, R.G.G., SMITH, R., PRESTON, C., WALTON, R.J., WOODS, C.G., HENDERSON, R.G. & NORMAN, A.W. The effect of 1,25-dihydroxycholecalciferol on renal tubular reabsorption of phosphate, intestinal absorption of calcium and bone histology in hypophosphataemic renal tubular rickets 177
- SABTO, J., see Grünfeld, J.P. *et al.*
- SAFAR, M.E., WEISS, Y.A., CORVOL, P.L., MENARD, J.E., LONDON, G.M. & MILLIEZ, P.L. Anti-hypertensive adrenergic-blocking agents: effects on sodium balance, the renin-angiotensin system and haemodynamics 93s
- SAITO, I., see Saruta, T. *et al.*
- SALVETTI, A., ARZILLI, F., SASSANO, P., GAZZETTI, P. & RINDI, P. Postural changes of plasma renin activity after renal transplantation 283s
- SAMBHI, M., see Eggena, P. *et al.*
- SAMMONS, H.G., see Gosling, P. *et al.*
- SANCHO, J., see Haber, E. *et al.*
- SANDERS, D.J., see Wright, C.L. *et al.*
- SANFORD SMITH, I., see Fernandes, M. *et al.*
- SARGEANT, A.J., see Davies, C.T.M. & Sargeant, A.J.
- SARUTA, T., NAKAMURA, R., SAITO, I., KONDO, K. & MATUKI, S. Oestrogen hypertension in rats 457
- SASSANO, P., see Salvetti, A. *et al.*
- SATO, M., see Kimura, T. *et al.*
- SAVDIE, E., see Baker, L.R.I. *et al.*
- SCHEEREN, J.W., see Leenen, F.H.H. *et al.*
- SHELLING, P., see Ganten, D. *et al.*
- SCHMIDT, M., see Imbs, J.L. *et al.*
- SCHMIED, U., see Beckerhoff, R. *et al.*
- SCHOELKENS, B.A. Comparative pharmacology of new specific angiotensin antagonists 19s
- SCHRIER, R.W., REID, I.A., BERL, T. & EARLEY, L.E. Parasympathetic pathways, renin secretion and vasopressin release 83
- SCHWARTZ, J., see Imbs, J.L. *et al.*
- SCHWARTZ, P.J., see Malliani, A. *et al.*

- SCROOP, G.C., KATIC, F.P., BROWN, M.J., CAIN, M.D. & ZEEGERS, P.J. Evidence for a significant contribution from central effects of angiotensin in the development of acute renal hypertension in the greyhound 115
- SEGAL, A.W. & LEVI, A.J. Factors influencing the entry of dye into neutrophil leucocytes in the Nitroblue Tetrazolium test 201
- ŠERF, B., see Chlup, J. *et al.*
- SHADE, R.E., see Johnson, J.G. *et al.*
- SHARE, L., see Johnson, J.G. *et al.*
- SHAW, B., see Wright, C.L. *et al.*
- SHENOUDA, A.N., see Johnson, J.G. *et al.*
- SHEPHERD, J.T., see Clement, D.L. *et al.*
- SIDDLE, K., see Elkeles, R.S. *et al.*
- SIEGENTHALER, W., see Beckerhoff, R. *et al.*
- SIMPSON, F.O., see Bolli, P. *et al.*
- SLADEN, G.E., see Bown, R.L. *et al.*
- SLEIGHT, P., ROBINSON, J.L., BROOKS, D.E. & REES, P.M. Carotid baroreceptor re-setting in the hypertensive dog 261s
- SMEETS, G., see Struyker Boudier, H. *et al.*
- SMITH, A.P., CUTHBERT, M.F. & DUNLOP, L.S. Effects of inhaled prostaglandins E₁, E₂ and F_{2α} on the airway resistance of healthy and asthmatic man 421
- SMITH, R., see Russell, R.G.G. *et al.*
- SMITH, T., see Edmonds, C.J. *et al.*
- SNEDDEN, W., see Bown, R.L. *et al.*
- SNOW, H.M., see Stoker, J.B. *et al.*
- STANBURY, S.W., see Mawer, E.B. *et al.*
- STEINER, J.A., see George, C.F. *et al.*
- STELLA, A., see Zanchetti, A. & Stella, A.
- STOKER, J.B., KAPPAGODA, C.T., SNOW, H.M. & LINDEN, R.J. The assessment of acid-base disturbance in man by the use of carbon dioxide titration curves 133
- STOKES, G.S., OATES, H.F. & WEBER, M.A. Angiotensin blockade in studies of the feedback control of renin release in rats and rabbits 33s
- STOKES, G.S., see also Weber, M.A. *et al.*
- STREETEN, D.H.P., see Dalakos, T.G. & Streeten, D.H.P.
- STRICKER, J., see Krakoff, L.R. *et al.*
- STRUYKER BOUDIER, H., SMEETS, G., BROUWER, G. & VAN ROSSUM, J. Localization of central noradrenergic mechanisms in cardiovascular regulation in rats 277s
- SWARTZ, C., see Fernandes, M. *et al.*
- SWEET, C.S. & MANDRADJIEFF, M. Enhancement of the antihypertensive effect of hydrochlorothiazide in dogs after suppression of renin release by beta-adrenergic blockade 147
- SWENSON, R.S., see Alford, F.P. *et al.*
- TAKAHASHI, E., see Kimura, T. *et al.*
- TAVILL, A.S., see Varcoe, R. *et al.*
- TAYLOR, C.M., see Mawer, E.B. *et al.*
- TENYI, I., see Logan, A.G. *et al.*
- TERZOLI, L., see Leonetti, G. *et al.*
- THOMAS, R.D., EDMONDSON, R.P.S., HILTON, P.J. & JONES, N.F. Abnormal sodium transport in leucocytes from patients with essential hypertension and the effect of treatment 169s
- THOMPSON, F.O., see Prichard, B.N.C. *et al.*
- TOUABI, M., see Boudry, J.-F. *et al.*
- TRECHSEL, U., see Guillard, D. *et al.*

- TREE, M., see Bangham, D.R.
 TRIPP, E., see Lavoie, A. *et al.*
 TROEHLER, U., see Boudry, J.-F. *et al.*
- UCHIYAMA, S., see Kimura, T. *et al.*
 UHLSCHMID, G., see Beckerhoff, R. *et al.*
- VALORI, C., see Muiesan, G. *et al.*
 VAN DER WAL, B., see Leenen, F.H.H. *et al.*
 VAN EIJK, H.G., see Verhoef, N.J. & Van Eijk, H.G.
 VAN ROSSUM, J., see Struyker Boudier, H. *et al.*
 VARCOE, R., HALLIDAY, D., CARSON, E.R., RICHARDS, P. & TAVILL, A.S. Efficiency of utilization of urea nitrogen for albumin synthesis by chronically uraemic and normal man 379
 VERHOEF, N.J. & VAN EIJK, H.G. Isolation, characterization and function of cord-blood transferrin 335
 VETTER, W., see Beckerhoff, R. *et al.*
 VLACHAKIS, N., see Krakoff, L.R. *et al.*
 VUKOVICH, R.A., see Gavras, H. *et al.*, see also Johnson, J.G. *et al.*
- WAHREN, J., see Hagenfeldt, L. *et al.*
 WALTON, R.J., see Russell, R.G.G. *et al.*
 WANSBOROUGH-JONES, M.H., see Peters, T.J. *et al.*
 WARREN, D.J. & LEDINGHAM, J.G.G. Effects of beta-adrenergic receptor blockade on the renal vascular response to a low sodium diet in the rabbit 533
 WARREN, D.J. & LEDINGHAM, J.G.G. Measurement of intrarenal blood-flow distribution in the rabbit using radioactive microspheres 51
 WARREN, D.J. & LEDINGHAM, J.G.G. Renal circulatory responses to general anaesthesia in the rabbit: studies using radioactive microspheres 61
 WATTS, R.W.E., see Allsop, J. & Watts, R.W.E.
 WEBER, M.A., OATES, H.F. & STOKES, G.S. Beta-adrenergic receptors and renin release: studies with beta-adrenoreceptor-blocking agents in the conscious rabbit 89s
 WEBER, M.A., see also Stokes, G.S. *et al.*
 WEDER, A., see Fernandes, M. *et al.*
 WEISS, Y.A., see Safar, M.E. *et al.*
 WERNER, U., GÜNNEWIG, H. & BOCK, K.D. Relationships between plasma renin activity and urinary plasma catecholamines 287s
 WESTON, M.J., MELLON, P.J., LANGLEY, P.G., HUGHES, R.D., DUNLOP, E.H., GAZZARD, B.G. & WILLIAMS, R. Resin column perfusion with whole blood or plasma separated by the continuous flow celltrifuge 187
 WILLIAMS, R., see Weston, M.J. *et al.*
 WING, L.M.H., see Chalmers, J.P. & Wing, L.M.H.
 WITHEY, W.R., see Chapman, B.J. *et al.*
 WILSON, D.R. Mechanisms of post-obstructive diuresis in the solitary hydronephrotic kidney of the rat 167
 WOCIAL, B., see Januszewicz, W. & Wocial, B.
 WOOD, A.J., see Bolli, P. *et al.*
 WOODHOUSE, N.J.Y., see Crosbie, W.A. *et al.*
 WOODS, C.G., see Russell, R.G.G. *et al.*
 WOODS, H.F., see Youdim, M.B.H. *et al.*
 WORCEL, M., see Chevillotte, E. *et al.*
 WORWOOD, M., AHERNE, W., DAWKINS, S. & JACOBS, A. The characteristics of ferritin from human tissues, serum and blood cells 441

- WRIGHT, C.L., SHAW, B., SANDERS, D.J. & REED, J.D. Variation in the proportions of individual pepsins secreted by the cat in response to vagal stimulation and hypoglycaemia 297
- WRONG, O.M., see Goonaratna, C. de F.W. & Wrong, O.M.
- YAMORI, Y., see Okamoto, K. *et al.*
- YASHIMA, O., see Kimura, T. *et al.*
- YODIM, M.B.H., WOODS, H.F., MITCHELL, B., GRAHAME-SMITH, D.G. & CALLENDER, S. Human platelet monoamine oxidase activity in iron-deficiency anaemia 289
- YUDKIN, J. & COHEN, R.D. The contribution of the kidney to the removal of a lactic acid load under normal and acidotic conditions in the conscious rat 121
- ZANCHETTI, A. & STELLA, A. Neural control of renin release 215s
- ZANCHETTI, A., see also Leonetti, G. *et al.*
- ZEEGERS, P.J., see Scroop, G.C. *et al.*
- ZINS, G.R., see Martin, W.B. *et al.*
- ZOCCALI, C., see Maggiore, Q. *et al.*
- ZSCHIEDRICH, H., HOFBAUER, K.G., HACKENTHAL, E., BARON, G.D. & GROSS, F. Intrarenal formation of angiotensin II in the rat: interference by Saralasin and SQ 20881 37s

SUBJECT INDEX

Page numbers in Supplement No. 2 are distinguished by s.

- Acid-base balance, assessment of disturbance of, in man by the use of carbon dioxide titration curves
STOKER, J.B., KAPPAGODA, C.T., SNOW, H.M. & LINDEN, R.J. 133-138
- Acidaemia, assessment of, in man by the use of carbon dioxide titration curves STOKER, J.B., KAPPAGODA,
C.T., SNOW, H.M. & LINDEN, R.J. 133-138
- Acidosis, contribution of the kidney to removal of a lactic acid load under normal conditions and in, in the
conscious rat YUDKIN, J. & COHEN, R.D. 121-131
- Acidosis, metabolic, adaptations of urea ammonium excretion in, in the rat OLIVER, J. & BOURKE, E. 515-
520
- Actinomycin D, effect of, on changes in enzyme activity induced in vitamin D-deficient chicks by vitamin D₃
and 1 α -hydroxycholecalciferol EVANS, I.M.A., COLSTON, K.W., GALANTE, L. & MACINTYRE, I. 227-
230
- Adenosine 3':5'-cyclic monophosphate, response of, to glucagon in thyroid disease ELKELES, R.S., LAZARUS,
J.H., SIDDLER, K. & CAMPBELL, A.K. 27-31
- Adenosine triphosphatase, ouabain-sensitive, changes in, of erythrocyte membrane after renal transplantation
COLE, C.H. & MALENTZ, R. 239-242
- Adipose tissue, rat, effect of age on deoxyribonucleic acid synthesis in LEWIS, B.M. & HAYES, T.M. 323-325
- Adrenal deficiency, effect of single and combined infusions of angiotensin II and aldosterone on colonic
potential difference, blood pressure and renal function in patients with EFSTRATOPOULOS, A.D. &
PEART, W.S. 219-226
- Age, effect of, on deoxyribonucleic acid synthesis in rat adipose tissue LEWIS, B.M. & HAYES, T.M. 323-325
- AH 5158, *see* Compound AH 5158
- Albumin, effect of infusion of, on postural changes in aldosterone secretion rate DALAKOS, T.G. & STREETEN,
D.H.P. 161-165
- Albumin, efficiency of utilization of urea nitrogen for synthesis of, by chronically uraemic and normal man
VARCOE, R., HALLIDAY, D., CARSON, E.R., RICHARDS, P. & TAVILL, A.S. 379-390
- Aldosterone, changes in production of, during development of renal hypertension in rats LEENEN, F.H.H.,
SCHEEREN, J.W., OMYLANOWSKI, D., ELEMA, J.D., VAN DER WAL, B. & DE JONG, W. 17-26
- Aldosterone, control of, in anephric man (Correspondence) DEHENEFFE, J., CUESTA, V. & ROBERTSON, I.
465-466
- Aldosterone, effect of single and combined infusions of, and angiotensin II on colonic potential difference,
blood pressure and renal function in patients with adrenal deficiency EFSTRATOPOULOS, A.D. & PEART,
W.S. 219-226
- Aldosterone, inhibition of effect of angiotensin II on release of BUMPUS, F.M. & KHOSLA, M.C. 15s-18s
- Aldosterone, plasma, effect of angiotensin II and an angiotensin II analogue on, in the dog BECKERHOFF, R.,
UHLSCHEIDT, G., VETTER, W., ARMBRUSTER, H., NUSSBERGER, J., RECK, G., SCHMIED, U. & SIEGENTHALER,
W. 41s-44s
- Aldosterone, plasma, effect of immunization against angiotensin II on blood pressure and on, in the rabbit
BECKERHOFF, R., KAPPELER, M., VETTER, W., ARMBRUSTER, H. & SIEGENTHALER, W. 413-420
- Aldosterone, role of angiotensin II in control of secretion of, in man HABER, E., SANCHO, J., RE, R., BURTON,
J. & BARGER, A.C. 49s-52s
- Aldosterone, role of plasma volume in the increase in secretion rate of, during sodium deprivation DALAKOS,
T.G. & STREETEN, D.H.P. 161-165
- Alprenolol, effect of intracerebroventricular infusion of, on blood pressure and heart rate in cats DAY, M.D.
& ROACH, A.G. 269s-272s
- Ammonia, distribution of, between extracellular and intracellular compartments of rat brain HINDELT, B.
33-37

- Ammonia, transport of, and urea by the excluded human colon BOWN, R.L., GIBSON, J.A., FENTON, J.C.B., SNEDDEN, W., CLARK, M.L. & SLADEN, G.E. 279-287
- Ammonium, adaptations in excretion of urea, in metabolic acidosis in the rat OLIVER, J. & BOURKE, E. 515-520
- Anaemia, iron-deficiency, human platelet monoamine oxidase activity in YOUNDIM, M.S.H., WOODS, H.F., MITCHELL, B., GRAHAME-SMITH, D.G. & CALLENDER, S. 289-295
- Anaemia, sickle-cell, effects of incubation on erythrocytes in RAMPLING, M.W. 367-371
- Angiography, local factors predisposing to stroke in rats determined by OKAMOTO, K., HAZAMA, F., YAMORI, Y., HAEBARA, H. & NAGAOKA, A. 161s-163s
- Angiotensin, central effects of, in development of acute renal hypertension in the greyhound SCROOP, G.C., KATIC, F.P., BROWN, M.J., CAIN, M.D. & ZEEGERS, P.J. 115-119
- Angiotensin, effect of a competitive antagonist of, on renal haemodynamic changes induced by inhibition of prostaglandin synthesis in rats MIMRAN, A., CASELLAS, D., DUPONT, M. & BARJON, P. 299s-302s
- Angiotensin, effect of infusions of, before and after ablation of the areas postrema in dogs JOY, M.D. 253s-256s
- Angiotensin, involvement of, produced by the intrinsic brain iso-renin-angiotensin system in blood pressure regulation in the rat GANTEN, D., HUTCHINSON, J.S. & SCHELLING, P. 265s-268s
- Angiotensin, pressor role of, in salt deprivation and renal hypertension in rats COLEMAN, T.G. & GUYTON, A.C. 45s-48s
- Angiotensin, standards for, for use in renin assay BANGHAM, D.R., ROBERTSON, I., ROBERTSON, J.I.S., ROBINSON, C.J. & TREE, M. 135s-159s
- Angiotensin II, comparative pharmacology of new specific antagonists of SCHOELKENS, B.A. 19s-21s
- Angiotensin II, effect of single and combined infusions of, and aldosterone on colonic potential difference, blood pressure and renal function in patients with adrenal deficiency EFSTRATOPOULOS, A.D. & PEART, W.S. 219-226
- Angiotensin II, effect of, and an angiotensin II analogue on blood pressure, plasma aldosterone and plasma renin activity in the dog BECKERHOFF, R., UHLSCHMID, G., VETTER, W., ARMBRUSTER, H., NUSSBERGER, J., RECK, G., SCHMIED, U. & SIEGENTHALER, W. 41s-44s
- Angiotensin II, effect of immunization against, on blood pressure and on plasma aldosterone in the rabbit BECKERHOFF, R., KAPPELER, M., VETTER, W., ARMBRUSTER, H. & SIEGENTHALER, W. 413-420
- Angiotensin II, effect of inhibition of, on renin release in rats and rabbits STOKES, G.S., OATES, H.F. & WEBER, M.A. 33s-36s
- Angiotensin II, effect of passive immunization with antibodies to, on glycerol-induced acute renal failure in rats RAUH, W., OSTER, P., DIETZ, R. & GROSS, F. 467-473
- Angiotensin II, effect of Saralasin on vasoconstrictor effect of, in isolated rat kidney ZSCHIEDRICH, H., HOFBAUER, K.G., HACKENTHAL, E., BARON, G.D. & GROSS, F. 37s-40s
- Angiotensin II, ³H-labelled, variations induced by, in receptors in rat uterine membranes CHEVILLOTTE, E., DEVYNCK, M.A., FYHRQUIST, F., MEYER, P., ROUZAIRE-DUBOIS, B. & WORCEL, M. 23s-26s
- Angiotensin II, inhibition of pressor and aldosterone-releasing effects of BUMPUS, J.F. & KHOSLA, M.C. 15s-18s
- Angiotensin II, response of renin-angiotensin system in rats to injection of antibodies to HACKENTHAL, E., BAUKNECHT, H. & OSTER, P. 27s-30s
- Angiotensin II, role of, in maintenance of blood pressure and control of aldosterone secretion in man HABER, E., SANCHO, J., RE, R., BURTON, J. & BARGER, A.C. 49s-52s
- Antibody, angiotensin II, plasma renin activity and, in rabbits STOKES, G.S., OATES, H.F. & WEBER, M.A. 33s-36s
- Antibody, angiotensin II, response of renin-angiotensin system in rats to injection of HACKENTHAL, E., BAUKNECHT, H. & OSTER, P. 27s-30s
- Aortic arch, control of blood pressure in the dog by baroreceptors in CLEMENT, D.L., PELLETIER, L.C. & SHEPHERD, J.T. 257s-258s
- Aortic blood flow, peak, correlation of, and carotid flow acceleration during coronary occlusion in conscious

- baboons CHIMOSKEY, J.E., FLANAGAN, W.J., HUNTSMAN, L.L., GAMS, E. & RUSHMER, R.F. 243-246
- Area postrema, effect of infusions of angiotension before and after ablation of, in dogs JOY, M.D. 253s-256s
- Area postrema, effect of thermocoagulation of, on action of angiotensin in development of acute renal hypertension in the greyhound SCROOP, G.C., KATIC, F.P., BROWN, M.J., CAIN, M.D. & ZEEGERS, P.J. 115-119
- Argon, cardiogenic oscillations of concentration of, in expired gas in man BRADLEY, G.W., HENDERSON, A.K. & MILLS, R.J. 39-45
- Asthma, effects of inhaled prostaglandins E_1 , E_2 and F_{2a} , on the airway resistance of patients with, and healthy man SMITH, A.P., CUTHBERT, M.F. & DUNLOP, L.S. 421-430
- Athletes, haematological status of BROTHERHOOD, J., BROZOVIĆ, B. & PUGH, L.G.C. 139-145
- Autonomic blockade, effect of, on cardiovascular control in spontaneously hypertensive rats FROHLICH, E.D. & PFEFFER, M.A. 225s-238s
- Autonomic nervous system, role of, in mild human hypertension JULIUS, S., ESLER, M.D. & RANDALL, O.S. 243s-252s
- Baroreceptors, carotid, re-setting of, in the hypertensive dog SLEIGHT, P., ROBINSON, J.L., BROOKS, D.E. & REES, P.M. 261s-263s
- Baroreceptors, control of blood pressure by, in aortic arch and carotid sinus in the dog CLEMENT, D.L., PELLETIER, L.C. & SHEPHERD, J.T. 257s-258s
- BAY 1470, *see* Compound BAY 1470
- Behaviour therapy, use of, in management of 'stress' in hypertensive patients PATEL, C. 171s-174s
- Beta-adrenergic receptors, effects of blockade of, on the renal vascular response to a low sodium diet in the rabbit WARREN, D.J. & LEDINGHAM, J.G.G. 533-535
- Beta-adrenoceptor antagonists, brain as possible site for cardiovascular effects of, in cats DAY, M.D. & ROACH, A.G. 269s-272s
- Bile salts, regulation of synthesis and pool size of, in enterohepatic circulation in man POMARE, E.W. & LOW-BEER, T.S. 315-321
- Biliary obstruction, effect of, on organelle marker enzymes in liver and serum of rats PETERS, T.J., NEALE, G. & HEATH, J.R. 307-313
- Binding sites, classes of, for angiotensin II in rat uterine membranes CHEVILLOTTE, E., DEVYNCK, M.A., FYRHQUIST, F., MEYER, P., ROUZAIRE-DUBOIS, B. & WORCEL, M. 23s-26s
- Biofeedback, use of, in management of 'stress' in hypertensive patients PATEL, C. 171s-174s
- Blocking agents, adrenergic, anti-hypertensive, effects of, on sodium balance, the renin-angiotensin system and haemodynamics SAFAR, M.E., WEISS, Y.A., CORVOL, P.L., MENARD, J.E., LONDON, G.M. & MILLIEZ, P.L. 93s-95s
- Blocking agents, adrenergic, effect of, on cardiovascular control in spontaneously hypertensive rats FROHLICH, E.D. & PFEFFER, M.A. 225s-238s
- Blocking agents, β -adrenergic, effect of, on renin secretion in the anaesthetized dog IMBS, J.L., KRAETZ, J., SCHMIDT, M., DESAULLES, E. & SCHWARTZ, J. 105s-107s
- Blocking agents, β -adrenergic, renin-suppressive potency of, at supine rest and during upright exercise BÜHLER, F.R., MARBET, G., PATEL, U. & BURKART, F. 61s-64s
- Blocking agents, β -adrenergic receptor, changes in plasma renin activity and blood pressure after acute and chronic administration of MORGAN, T., CARNEY, S. & ROBERTS, R. 81s-83s
- Blocking agents, β -adrenergic receptor, renin release and, in the conscious rabbit WEBER, M.A., OATES, H.F. & STOKES, G.S. 89s-91s
- Blocking agents, β -adrenergic, renin suppression and the hypertensive action of (Round Table) (Chairman: ROBERTSON, J.I.S.) 109s-115s
- Blocking agents, β -adrenoceptor, brain as possible site for cardiovascular effects of, in cats DAY, M.D. & ROACH, A.G. 269s-272s

- Blocking agents, α -adrenoreceptor, clinical and pharmacological observations on BOLLI, P., WOOD, A.J., PHELAN, E.L., LEE, D.R. & SIMPSON, F.O. 177s-179s
- Blocking agents, use of, to define the functions of the renin-angiotensin system DAVIS, J.O. 3s-14s
- Blood pressure, arterial, central regulation of PHILIPPU, A. 191s-194s
- Blood pressure, arterial, effect of infusion of prostaglandin A₁ on, in hypertensive patients with low, normal and high renin KRAFOFF, L.R., VLACHAKIS, N., MENDLOWITZ, M. & STRICKER, J. 311s-313s
- Blood pressure, arterial, effect of inhibition of angiotensin II formation on, in chronically salt-deprived rats and rats with renal hypertension COLEMAN, T.G. & GUYTON, A.C. 45s-48s
- Blood pressure, changes in plasma renin activity and, after acute and chronic administration of β -adrenergic receptor-blocking drugs MORGAN, T., CARNEY, S. & ROBERTS, R. 81s-83s
- Blood pressure, control of, in the dog by aortic and sinus nerves CLEMENT, D.L., PELLETIER, L.C. & SHEPHERD, J.T. 257s-258s
- Blood pressure, effect of single and combined infusions of angiotensin II and aldosterone on, and renal function in patients with adrenal deficiency EFSTRATOPOULOS, A.D. & PEART, W.S. 219-226
- Blood pressure, effect of β -adrenoreceptor antagonists on, in conscious rabbits WEBER, M.A., OATES, H.F. & STOKES, G.S. 89s-91s
- Blood pressure, effect of immunization against angiotensin II on, and on plasma aldosterone in the rabbit BECKERHOFF, R., KAPPELER, M., VETTER, W., ARMBRUSTER, H. & SIEGENTHALER, W. 413-420
- Blood pressure, effect of intracerebroventricular infusion of clonidine and BAY 1470 on, in cats and rats FINCH, L. 273s-276s
- Blood pressure, effect of propranolol on, in normal and hypertensive rats CONWAY, J., DARWIN, K., HILDITCH, A., LOVEDAY, B. & REEVES, M. 101s-103s
- Blood pressure, measurement of, for pilot trial of treatment for mild hypertension MIALL, W.E. & BRENNAN, P.J. 165s-167s
- Blood pressure, plasma, effect of angiotensin II and angiotensin II analogue on, in the dog BECKERHOFF, R., UHLSCHMID, G., VETTER, W., ARMBRUSTER, H., NUSSBERGER, J., RECK, G., SCHMIED, U. & SIEGENTHALER, W. 41s-44s
- Blood pressure, plasma noradrenaline concentration and, in essential hypertension, pheochromocytoma and depression LOUIS, W.J., DOYLE, A.E. & ANAVEKAR, S.N. 239s-242s
- Blood pressure, possible role of the intrinsic brain iso-renin-angiotensin system in central regulation of GANTEN, D., HUTCHINSON, J.S. & SCHELLING, P. 265s-268s
- Blood pressure, role of angiotensin II in maintenance of, in man HABER, E., SANCHO, J., RE, R., BURTON, J. & BARGER, A.C. 49s-52s
- Blood volume, effect of, on blood pressure response to angiotensin-converting enzyme inhibitor in patients with severe hypertension JOHNSON, J.G., BLACK, W.D., VUKOVICH, R.A., HATCH, F.E., FRIEDMAN, B.I., BLACKWELL, C.F., SHENOUDA, A.N., SHARE, L., SHADE, R.E., ACCHIARDO, S.R. & MUIRHEAD, E.E. 53s-56s
- Blood volume, measurement of, in middle- and long-distance runners BROTHERHOOD, J., BROZOVIĆ, B. & PUGH, L.G.C. 139-145
- Body temperature, deep, measurement of, from urine temperature FOX, R.H., BROOKE, O.G., COLLINS, J.C., BAILEY, C.S. & HEALEY, F.B. 1-7
- Bone marrow, iron stores of, in patients on maintenance haemodialysis BAKER, L.R.I., CATTELL, W.R., CHILD, J.A. & SAVDIE, E. 529-532
- Bone marrow, rat, methionine adenosyltransferase, cystathionine β -synthase and cystathionine γ -lyase activity of mixed white cells from ALLSOP, J. & WATTS, R.W.E. 509-513
- Bone turnover, effect of salmon calcitonin on, in patients with Paget's disease CROSBIE, W.A., MOHAMEDALLY, S.M. & WOODHOUSE, N.J.Y. 537-540
- Brain, rat, distribution of ammonia between extracellular and intracellular compartments of HINDFELT, B. 33-37
- Brain ventricles, effect of infusion of β -adrenoceptor-blocking agents into, on blood pressure in cats DAY, M.D. & ROACH, A.G. 269s-272s

- Brain ventricles, effect of infusion of clonidine and BAY 1470 into, on blood pressure in cats and rats FINCH, L. 273s-276s
- Brush borders, enzyme activities and properties of, in jejunal biopsies from control subjects and patients with coeliac disease PETERS, T.J., HEATH, J.R., WANSBROUGH-JONES, M.H. & DOE, W.F. 259-267
- Calcitonin, salmon, effect of, on cardiac output, oxygen transport and bone turnover in patients with Paget's disease CROSBIE, W.A., MOHAMEDALLY, S.M. & WOODHOUSE, N.J.Y. 537-540
- Calcium, protein-bound, changes in, in serum of haemodialysis patients GOSLING, P., ROBINSON, B.H.B. & SAMMONS, H.G. 521-528
- Calcium, stimulation of absorption of, in intestinal segments from rats treated with ethane-1-hydroxy-1,1-diphosphonate GUILLAND, D., TRECHSEL, U., BONJOUR, J.-P. & FLEISCH, H. 157-160
- Carbohydrate, metabolism of, in hyperlipaemic (type IV) and normolipaemic subjects on carbohydrate- or fat-rich diets HAGENFELDT, L., HELLSTRÖM, K. & WAHREN, J. 247-257
- Carbon dioxide, assessment of disturbance of acid-base balance in man by the use of titration curves for STOKER, J.B., KAPPAGODA, C.T., SNOW, H.M. & LINDEN, R.J. 133-138
- Carbon dioxide, partial pressures of, and oxygen and pH of blood sampled from wedged pulmonary artery CHLUP, J., ŠERF, B., OUŘEDNÍK, A. & PARKMANNOVÁ, A. 47-50
- Cardiac inotropic state, effects of mental arithmetic and painful stress on BARTORELLI, C., POLESE, A., FIORENTINI, C., MAGRINI, F., OLIVARI, M.T. & GUAZZI, M. 291s-293s
- Cardiac output, autonomic influence on, in mild human hypertension JULIUS, S., ESLER, M.D. & RANDALL, O.S. 243s-252s
- Cardiac output, effects of anti-hypertensive adrenergic-blocking agents on SAFAR, M.E., WEISS, Y.A., CORVOL, P.L., MENARD, J.E., LONDON, G.M. & MILLIEZ, P.L. 93s-95s
- Cardiac output, effect of salmon calcitonin on, in patients with Paget's disease CROSBIE, W.A., MOHAMEDALLY, S.M. & WOODHOUSE, N.J.Y. 537-540
- Cardiogenic oscillations of nitrogen and argon concentration in expired gas in man BRADLEY, G.W., HENDERSON, A.K. & MILLS, R.J. 39-45
- Carotid artery, correlation of peak aortic blood flow and blood flow acceleration in, during coronary occlusion in conscious baboons CHIMOSKEY, J.E., FLANAGAN, W.J., HUNTSMAN, L.L., GAMS, E. & RUSHMER, R.F. 243-246
- Carotid sinus, control of blood pressure in the dog by baroreceptors in CLEMENT, D.L., PELLETIER, L.C. & SHEPHERD, J.T. 257s-258s
- Carotid sinus, single fibre recording of baroreceptor activity from, in hypertensive dogs SLEIGHT, P., ROBINSON, J.L., BROOKS, D.E. & REES, P.M. 261s-263s
- Catecholamines, effect of oxprenolol on the acute response of, and plasma renin activity to frusemide in hypertensive patients MUIESAN, G., ALICANDRI, C., AGABITI ROSEI, E., MOTOLESE, M. & VALORI, C. 85s-88s
- Catecholamines, inhibition of effect of angiotensin II on release of BUMPUS, F.M. & KHOSLA, M.C. 15s-18s
- Catecholamines, relationship between plasma renin activity and urinary and plasma concentrations of WERNER, U., GÜNNEWIG, H. & BOCK, K.D. 287s-290s
- Catecholamines, urinary excretion of, and their metabolites in patients with essential hypertension JANUSZEWICZ, W. & WOCIAL, B. 295s-298s
- Cellophan wrap, production of experimental hypertension in dogs by the use of SWEET, C.S. & MANDRADJEFF, M. 147-151
- Celltrifuge, continuous flow, resin column perfusion with whole blood or plasma separated by WESTON, M.J., MELLON, P.J., LANGLEY, P.G., HUGHES, R.D., DUNLOP, E.H., GAZZARD, B.G. & WILLIAMS, R. 187-192
- Cerebral haemorrhage, pathogenesis and prevention of, in spontaneously hypertensive rats OKAMOTO, K., HAZAMA, F., YAMORI, Y., HAEBARA, H. & NAGAOKA, A. 161s-163s
- Cerebrospinal fluid, effect of angiotensin in, on blood pressure of rats GANTEN, D., HUTCHINSON, J.S. & SCHELLING, P. 625s-268s
- Chenodeoxycholate, selective inhibition of synthesis of, by cholate metabolites in man POMARE, E.W. & LOW-BEER, T.S. 315-321

- Chest wall, magnetometer recordings of respiratory variation in diameters of, in patients with obstructive lung disease GRIMBY, G., OXHOJ, H. & BAKE, B. 193-199
- Chloralose-urethane, use of radioactive microspheres to study renal circulatory responses to general anaesthesia induced by, in the rabbit WARREN, D.J. & LEDINGHAM, J.G.G. 61-66
- Chlorthalidone, effect of, on renin activity in hypertensive patients DRAYER, J.I.M., KLOPPENBORG, P.W.C. & BENRAAR, T.J. 91-96
- Cholate, selective inhibition of synthesis of chenodeoxycholate by metabolites of, in man POMARE, E.W. & LOW-BEER, T.S. 315-321
- Cholecalciferol, feedback regulation of metabolism of, by vitamin D₃ EVANS, I.M.A., COLSTON, K.W., GALANTE, L. & MACINTYRE, I. 227-230
- Cholecalciferol, metabolism of, in subjects in different states of vitamin D nutrition and in patients with primary disorders of parathyroid function MAWER, E.B., BACKHOUSE, J., HILL, L.F., LUMB, G.A., DE SILVA, P., TAYLOR, C.M. & STANBURY, S.W. 349-365
- Clonidine, central hypotensive action of, in cats and rats FINCH, L. 273s-276s
- Clonidine, effect of, injected into rat brain on blood pressure and heart rate in rats STRUYKER BOUDIER, H., SMEETS, G., BROUWER, G. & VAN ROSSUM, J. 277s-278s
- Clonidine, relationship between plasma renin activity and urinary and plasma concentrations of catecholamines after administration of WERNER, U., GÜNNEWIG, H. & BOCK, K.D. 287s-290s
- Coeliac disease, enzyme activities and properties of lysosomes and brush borders in jejunal biopsies from control subjects and patients with PETERS, T.J., HEATH, J.R., WANSBROUGH-JONES, M.H. & DOE, W.F. 259-267
- Colon, human, excluded, ammonia and urea transport by BOWN, R.L., GIBSON, J.A., FENTON, J.C.B., SNEDDEN, W., CLARK, M.L. & SLADEN, G.E. 279-287
- Colonic potential difference, effect of single and combined infusions of angiotensin II and aldosterone on, and renal function in patients with adrenal deficiency EFSTRATOPOULOS, A.D. & PEART, W.S. 219-226
- Compound AH 5158, haemodynamic effects of PRICHARD, B.N.C., THOMPSON, F.O., BOAKES, A.J. & JOEKES, A.M. 97s-100s
- Compound BAY 1470, central hypotensive action of, in cats and rats FINCH, L. 273s-276s
- Compound ICI 66082, response of renin to, in normal subjects at supine rest and during upright exercise BÜHLER, F.R., MARBET, G., PATEL, U. & BURKART, F. 61s-64s
- Compound R03-4787, comparison of propranolol and, in treatment of arterial hypertension in man GEORGE, C.F., LEWIS, P.J. & DOLLERY, C.T. 65s-67s
- Compound SQ 20881, effect of, on vasoconstrictor effect of angiotensin II in isolated rat kidney ZSCHIEDRICH, H., HOFBAUER, K.G., HACKENTHAL, E., BARON, G.D. & GROSS, F. 37s-40s
- Compound SQ 20881, inhibition of angiotensin-converting enzyme by, in diagnosis and the treatment of hypertension GAVRAS, H., BRUNNER, H.R., LARAGH, J.H., GAVRAS, I. & VUKOVICH, R.A. 57s-60s
- Compound SQ 20881, treatment of patients with severe hypertension by inhibition of angiotensin-converting enzyme with JOHNSON, J.G., BLACK, W.D., VUKOVICH, R.A., HATCH, F.E., FRIEDMAN, B.I., BLACKWELL, C.F., SHENOUDA, A.N., SHARE, L., SHADE, R.E., ACCHIARDO, S.R. & MUIRHEAD, E.E. 53s-56s
- Conductance, changes in, of airways after inhalation of prostaglandins E₁, E₂ and F_{2α} SMITH, A.P., CUTHBERT, M.F. & DUNLOP, L.S. 421-430
- Converting enzyme, angiotensin, effect of inhibitor of, on arterial blood pressure in chronically salt-depleted rats and rats with renal hypertension COLEMAN, T.G. & GUYTON, A.C. 45s-48s
- Converting enzyme, angiotensin, treatment of patients with severe hypertension by inhibition of JOHNSON, J.G., BLACK, W.D., VUKOVICH, R.A., HATCH, F.E., FRIEDMAN, B.I., BLACKWELL, C.F., SHENOUDA, A.N., SHARE, L., SHADE, R.E., ACCHIARDO, S.R. & MUIRHEAD, E.E. 53s-56s
- Converting enzyme, angiotensin, use of inhibitor of, in diagnosis and treatment of hypertension GAVRAS, H., BRUNNER, H.R., LARAGH, J.H., GAVRAS, I. & VUKOVICH, R.A. 57s-60s
- Core temperature, measurement of, from urine temperature FOX, R.H., BROOKE, O.G., COLLINS, J.C., BAILEY, C.S. & HEALEY, F.B. 1-7
- Coronary artery, correlation of peak aortic and carotid flow acceleration during occlusion of, in conscious

- baboons CHIMOSKEY, J.E., FLANAGAN, W.J., HUNTSMAN, L.L., GAMS, E. & RUSHMER, R.F. 243-246
- Cyclic AMP, *see* Adenosine 3':5'-cyclic monophosphate
- Creatinine, effect of oral administration of, on urinary excretion of methylguanine GONELLA, M., BARSOTTI, G., LUPETTI, S. & GIOVANNETTI, S. 341-347
- Cystathionine γ -lyase, activity of, in rat liver subcellular particles, human blood cells and mixed white cells from rat bone marrow ALLSOP, J. & WATTS, R.W.E. 509-513
- Cystathionine β -synthase, activity of, in rat liver subcellular particles, human blood cells and mixed white cells from rat bone marrow ALLSOP, J. & WATTS, R.W.E. 509-513
- Deoxycholate, selective inhibition of synthesis of chenodeoxycholate by, in man POMARE, E.W. & LOW-BEER, T.S. 315-321
- Deoxycorticosterone, excretion of, in normal, hypertensive and hypokalaemic subjects COPE, C.L. & LOIZOU, S. 97-105
- Deoxycorticosterone, role of saline consumption in prevention of hypertension in rats treated with, by central 6-hydroxydopamine LEWIS, P.J., DARGIE, H.J. & DOLLERY, C.T. 327-330
- Deoxyribonucleic acid, effect of age on synthesis of, in rat adipose tissue LEWIS, B.M. & HAYES, T.M. 323-325
- Depression, plasma noradrenaline concentration and blood pressure in LOUIS, W.J., DOYLE, A.E. & ANAVEKAR, S.N. 239s-242s
- Dihydralazine, relationship between plasma renin activity and urinary and plasma concentrations of catecholamines after administration of WERNER, U., GÜNNEWIG, H. & BOCK, K.D. 287s-290s
- 1,25-Dihydroxycholecalciferol, apparent intestinal accumulation of, in rats treated with ethane-1-hydroxy-1,1-diphosphonate GUILLAND, D., TRECHSEL, U., BONJOUR, J.-P. & FLEISCH, H. 157-160
- 1,25-Dihydroxycholecalciferol, effect of, on renal tubular reabsorption of phosphate, intestinal absorption of calcium and bone histology in hypophosphataemic renal tubular rickets RUSSELL, R.G.G., SMITH, R., PRESTON, C., WALTON, R.J., WOODS, C.G., HENDERSON, R.G. & NORMAN, A.W. 177-186
- Dihydroxyphenylalanine, central action of, on blood pressure regulation HENNING, M. 195s-203s
- 5,6-Dihydroxytryptamine, effect of intracisternal injections of, on blood pressure in rabbits with experimental neurogenic and renal hypertension CHALMERS, J.P. & WING, L.M.H. 279s-282s
- Diuresis, post-obstructive, mechanisms of, in the solitary hydronephrotic kidney of the rat WILSON, D.R. 167-176
- Diuretics, effect of, on renin release ZANCHETTI, A. & STELLA, A. 215s-223s
- Dopa, urinary excretion of, and its metabolites in patients with essential hypertension JANUSZEWICZ, W. & WOCIAL, B. 295s-298s
- Dose-response curves, technique for rapid control of hypertension based on, for oral minoxidil O'MALLEY, K. & MCNAY, J.L. 185s-187s
- Electron capture detection, analysis of prostaglandins by gas-liquid chromatography with PUGSLEY, D., BEILIN, L.J. & PETRO, R. 303s-306s
- Enterohepatic circulation, regulation of synthesis and pool size of bile salts in, in man POMARE, E.W. & LOW-BEER, T.S. 315-321
- Erythrocyte membrane, changes in ouabain-sensitive adenosine triphosphatase of, after renal transplantation COLE, C.H. & MALETZ, R. 239-242
- Erythrocytes, effects of incubation on, containing haemoglobin S or haemoglobin A RAMPLING, M.W. 367-371
- Erythrocytes, sodium transport in, from normal subjects and patients with acute myeloid leukaemia AFZAL MIR, M. & BOBINSKI, H. 213-218
- Ethane-1-hydroxy-1,1-diphosphonate, disodium, stimulation of calcium absorption and apparent increased intestinal 1,25-dihydroxycholecalciferol in rats treated with GUILLAND, D., TRECHSEL, U., BONJOUR, J.-P. & FLEISCH, H. 157-160

- Ethanol, plasma post-heparin lipolytic activity and tissue lipoprotein lipase activity in the rat after acute administration of GIUDICELLI, Y., NORDMANN, R. & NORDMANN, J. 153-156
- Ether, use of radioactive microspheres to study renal circulatory responses to general anaesthesia induced by, in the rabbit WARREN, D.J. & LEDINGHAM, J.G.G. 61-66
- Exchange resin, perfusion of whole blood and plasma separated by the continuous flow celltrifuge over WESTON, M.J., MELLON, P.J., LANGLEY, P.G., HUGHES, R.D., DUNLOP, E.H., GAZZARD, B.G. & WILLIAMS, R. 187-192
- Exercise, capacity for, in the lower limb after fracture and subsequent rehabilitation DAVIES, C.T.M. & SARGEANT, A.J. 107-114
- Exercise, isometric, relationship of body fat content to deep muscle temperature and endurance of, in man PETROFSKY, J.S. & LIND, A.R. 405-412
- Extracellular fluid, effect of depletion of volume of, and subsequent propranolol treatment on blood pressure and plasma renin activity in patients with essential hypertension or renovascular hypertension GEYSKES, G.G., BOER, P., LEENEN, F.H.H. & DORHOUT MEES, E.J. 69s-77s
- Fat, body, estimation of, in relationship to height, sex, age, malnutrition and obesity EDMONDS, C.J., JASANI, B.M. & SMITH, T. 431-440
- Fat, relationship of body content of, to deep muscle temperature and isometric endurance in man PETROFSKY, J.S. & LIND, A.R. 405-412
- Fatty liver, alcoholic, acute, impaired hepatic release of triglycerides as a possible cause of, in the Rhesus monkey NAIR, C.R., NIRANKARI, O.P., CHHUTTANI, P.N. & DATTA, D.V. 453-455
- Ferritin, characteristics of, from human tissue, serum and blood cells WORWOOD, M., AHERNE, W., DAWKINS, S. & JACOBS, A. 441-451
- Fludrocortisone, effect of, in enhancing the urine-concentrating response to vasopressin in man GOONARATNA, C. DE F.W. & WRONG, O.M. 269-278
- Folate, polyglutamate forms of, in resting and proliferating mammalian tissues LAVOIE, A., TRIPP, E., PARSIA, K. & HOFFBRAND, A.V. 67-73
- Fracture, limb, lower, changes in physiological performance after, and subsequent rehabilitation DAVIES, C.T.M. & SARGEANT, A.J. 107-114
- Franz Volhard Award, address on presentation of GROSS, F. 1s-2s
- Free fatty acid, metabolism of, in hyperlipaemic (type IV) and normolipaemic subjects on carbohydrate- or fat-rich diets HAGENFELDT, L., HELLSTRÖM, K. & WAHREN, J. 247-257
- Frusemide, effect of, on renin activity in hypertensive patients DRAYER, J.I.M., KLOPPENBORG, P.W.C. & BENRAAR, T.J. 91-96
- Frusemide, effect of oxprenolol on the acute response of catecholamines and plasma renin activity to, in hypertensive patients MUIESAN, G., ALICANDRI, C., AGABITI ROSEI, E., MOTOLESE, M. & VALORI, C. 85s-88s
- Frusemide, relationship between plasma renin activity and urinary and plasma concentrations of catecholamines after administration of WERNER, U., GÜNNEWIG, H. & BOCK, K.D. 287s-290s
- Gastric secretion, variations in proportions of pepsins in, of the cat in response to vagal stimulation and hypoglycaemia WRIGHT, C.L., SHAW, B., SANDERS, D.J. & REED, J.D. 297-305
- Glucagon, response of plasma adenosine 3':5'-cyclic monophosphate to, in thyroid disease ELKELES, R.S., LAZARUS, J.H., SIDDLE, K. & CAMPBELL, A.K. 27-31
- Glucose, metabolic response to intravenous loading with, of infused [¹⁴C]oleic acid HAGENFELDT, L., HELLSTRÖM, K. & WAHREN, J. 247-257
- Granulocytes, factors influencing entry of dye into, in the Nitroblue Tetrazolium test SEGAL, A.W. & LEVI, A.J. 201-212
- Guidance for Authors i-xvii
- Haemodialysis, changes in protein-bound calcium in the serum of patients undergoing GOSLING, P., ROBINSON, B.H.B. & SAMMONS, H.G. 521-528

- Haemodialysis, long-term propranolol treatment of resistant arterial hypertension in patients undergoing
MAGGIORE, Q., BIAGINI, M., ZOCCALI, C. & MISEFARI, M. 73s-75s
- Haemodialysis, maintenance, iron therapy in BAKER, L.R.I., CATTELL, W.R., CHILD, J.A. & SAVDIE, E.
529-532
- Haemodynamics, intrarenal, after kidney homotransplantation in man GRÜNFELD, J.P., KLEINKNECHT, D.,
MOREAU, J.F., KAMOUN, P., SABTOR, J., GARCIA-TORRES, R., OSORIO, M. & KREIS, H. 391-403
- Haemoglobin, concentration of, in middle- and long-distance runners BROTHERHOOD, J., BROZOVIĆ, B. &
PUGH, L.G.C. 139-145
- Haemoglobin (types S and A), comparison of effects of incubation on erythrocytes containing RAMPLING,
M.W. 367-371
- Haemorrhage, effect of propranolol and sotalol on renin secretion induced by, in the anaesthetized dog
IMBS, J.L., KRAETZ, J., SCHMIDT, M., DESAULLES, E. & SCHWARTZ, J. 105s-107s
- Hydrochlorothiazide, enhancement of anti-hypertensive effect of, in dogs after beta-adrenergic blockade
SWEET, C.S. & MANDRADJEFF, M. 147-151
- 25-Hydroxycholecalciferol, feedback regulation of metabolism of, by vitamin D₃ EVANS, I.M.A., COLSTON,
K.W., GALANTE, L. & MACINTYRE, I. 227-230
- 6-Hydroxydopamine, central, role of saline consumption in prevention of deoxycorticosterone hypertension
in rats by LEWIS, P.J., DARGIE, H.J. & DOLLERY, C.T. 327-330
- Hyperkinetic heart, human, electrical and dynamic responses of, to sympathetic stimuli BARTORELLI, C.,
POLESE, A., FIORENTINI, C., MAGRINI, F., OLIVARI, M.T. & GUAZZI, M. 291s-293s
- Hyperlipoproteinaemia (type IV), triglyceride, free fatty acid and carbohydrate metabolism in, and in normo-
lipaemic subjects on carbohydrate- or fat-rich diets HAGENFELDT, L., HELLSTRÖM, K. & WAHREN, J.
247-257
- Hyperparathyroidism, primary, metabolism of cholecalciferol in patients with MAWER, E.B., BACKHOUSE, J.,
HILL, L.F., LUMB, G.A., DE SILVA, P., TAYLOR, C.M. & STANBURY, S.W. 349-365
- Hypertension, arterial, comparison of propranolol and compound R03-4787 in treatment of, in man GEORGE,
C.F., LEWIS, P.J. & DOLLERY, C.T. 65s-67s
- Hypertension, arterial, resistant, long-term propranolol treatment of, in haemodialysed patients MAGGIORE,
Q., BIAGINI, M., ZOCCALI, C. & MISEFARI, M. 73s-75s
- Hypertension, arterial, special sympathetic reflexes in the cat and the pathogenesis of MALLIANI, A., LOM-
BARDI, F., PAGANI, M., RECORDATI, G. & SCHWARTZ, P.J. 259s-260s
- Hypertension, borderline, role of the autonomic nervous system in JULIUS, S., ESLER, M.D. & RANDALL,
O.S. 243s-252s
- Hypertension, central sympathetic transmitters and HENNING, M. 195s-203s
- Hypertension, deoxycorticosterone, role of saline consumption in prevention of, in rats by central 6-hydroxy-
dopamine LEWIS, P.J., DARGIE, H.J. & DOLLERY, C.T. 327-330
- Hypertension, effect of propranolol on blood pressure in normal rats and rats with CONWAY, J., DARWIN,
K., HILDITCH, A., LOVEDAY, B. & REEVES, M. 101s-103s
- Hypertension, effect of prostaglandins on the enzymatic reaction of human renin in isolated homologous
system and with added normal plasma and plasma from patients with EGGENA, P., BARRETT, J. &
SAMBHI, M. 307s-309s
- Hypertension, effect of volume depletion and subsequent propranolol treatment on blood pressure and plasma
renin activity in patients with GEYSKES, G.G., BOER, P., LEENEN, F.H.H. & DORHOUT MEES, E.J.
69s-71s
- Hypertension, essential, abnormal sodium transport in patients with, and the effect of treatment THOMAS,
R.D., EDMONDSON, R.P.S., HILTON, P.J. & JONES, N.F. 169s-170s
- Hypertension, essential, blood pressure decrease and responsiveness to renin-releasing stimuli under increasing
doses of propranolol in patients with LEONETTI, G., MAYER, G., MORGANTI, A., TERTOLI, L., ZANCHETTI,
A., MORSELLI, P.L., DI SALLE, E. & CHIDSEY, C.A. 77s-79s
- Hypertension, essential, effect of pyratrione in KIMURA, T., TAKAHASHI, E., OZAWA, M., UCHIYAMA, S.,
MAEKAWA, S., YASHIMA, O. & SATO, M. 175s-176s

- Hypertension, essential, human, central neurohormonal mechanisms in spontaneously hypertensive rats compared with FOLKOW, B. 205s-214s
- Hypertension, essential, plasma noradrenaline concentration and blood pressure in LOUIS, W.J., DOYLE, A.E. & ANAVEKAR, S.N. 239s-242s
- Hypertension, essential, plasma renin activity in patients with HICKLER, R.B., LAULER, D.P., GLEASON, R.E. & CHRISTLIEB, R. 131s-133s
- Hypertension, essential, urinary excretion of dopa, catecholamines and their metabolites in patients with JANUSZEWICZ, W. & WOCIAL, B. 295s-298s
- Hypertension, excretion of deoxycorticosterone in patients with COPE, C.L. & LOIZOU, S. 97-105
- Hypertension, experimental, effect of intracisternal 5,6-dihydroxytryptamine on, in the rabbit CHALMERS, J.P. & WING, L.M.H. 279s-282s
- Hypertension, experimental, new specific angiotensin II antagonists in SCHOELKENS, B.A. 19s-21s
- Hypertension, human, adrenergic mechanisms in, and in spontaneously hypertensive rats FROHLICH, E.D. & PFEFFER, M.A. 225s-238s
- Hypertension, induction of, by oestrogen in rats SARUTA, T., NAKAMURA, R., SAITO, I., KONDO, K. & MATUKI, S. 457-460
- Hypertension, low-renin, evaluation of out-patient renin-stimulating methods for detection of DRAYER, J.I.M., KLOPPENBORG, P.W.C. & BENRAAR, T.J. 91-96
- Hypertension, mild, pilot trial of treatment for (Interim report of Medical Research Council's trial in Britain) MIALL, W.E. & BRENNAN, P.J. 165s-167s
- Hypertension, permanent, after renal homotransplantation in man GRÜNFELD, J.P., KLEINKNECHT, D., MOREAU, J.F., KAMOUN, P., SABTO, J., GARCIA-TORRES, R., OSORIO, M. & KREIS, H. 391-403
- Hypertension, refractory, use of minoxidil in patients with MARTIN, W.B., ZINS, G.R. & FREYBURGER, W.A. 189s-190s
- Hypertension, renal, acute, central effects of angiotensin in development of, in the greyhound SCROOP, G.C., KATIC, F.R., BROWN, M.J., CAIN, M.D. & ZEEGERS, P.J. 115-119
- Hypertension, renal, changes in the renin-angiotensin-aldosterone system and in sodium and potassium balance during development of, in rats LEENEN, F.H.H., SCHEEREN, J.W., OMYLANOWSKI, D., ELEMA, J.D., VAN DER WAL, B. & DE JONG, W. 17-26
- Haemodynamics, renal, early changes in renal function and, in uranyl nitrate acute renal failure in dogs KLEINMAN, J.G., MCNEIL, J.S. & GLAMENBAUM, W. 9-16
- Hypertension, renal, effect of hydrochlorothiazide and timolol on, in dogs SWEET, C.S. & MANDRADJIEFF, M. 147-151
- Hypertension, renin as a risk factor in (Round Table) (Chairman: PEART, W.S.) 117s-126s
- Hypertension, severe, treatment of patients with, by inhibition of angiotensin-converting enzyme JOHNSON, J.G., BLACK, W.D., VUKOVICH, R.A., HATCH, F.E., FRIEDMAN, B.I., BLACKWELL, C.F., SHENOUDA, A.N., SHARE, L., SHADE, R.E., ACCHIARDO, S.R. & MUIRHEAD, E.E. 53s-56s
- Hypertension, spontaneous, central neurohormonal mechanisms in rats with, compared with human essential hypertension FOLKOW, B. 205s-214s
- Hypertension, technique for rapid control of, with oral minoxidil O'MALLEY, K. & McNAY, J.L. 185s-187s
- Hypertension, use of angiotensin-converting enzyme inhibitor in diagnosis and treatment of GAVRAS, H., BRUNNER, H.R., LARAGH, J.H., GAVRAS, I. & VUKOVICH, R.A. 57s-60s
- Hypertension, use of compound AH 5158 in the treatment of PRICHARD, B.N.C., THOMPSON, F.O., BOAKES, A.J. & JOEKES, A.M. 97s-100s
- Hypertension, use of prazosin in the treatment of, in rats and man FERNANDES, M., SANFORD SMITH, I., WEDER, A., KIM, K.E., GOULD, A.B., BUSBY, P., SWARTZ, C. & ONESTI, G. 181s-184s
- Hypertension, Yoga and biofeedback in the management of 'stress' in patients with PATEL, C. 171s-174s
- Hyperthyroidism, response of adenosine 3': 5'-cyclic monophosphate to glucagon in ELKELES, R.S., LAZARUS, J.H., SIDDLE, K. & CAMPBELL, A.K. 27-31
- Hypoglycaemia, variations in proportions of pepsins secreted by the cat in response to WRIGHT, C.L., SHAW, B., SANDERS, D.J. & REED, J.D. 297-305

- Hypokalaemia, excretion of deoxycorticosterone in patients with COPE, C.L. & LOIZOU, S. 97-105
- Hypothalamus, effect of noradrenaline and clonidine injected into, of rat brain on blood pressure and heart rate STRUYKER BOUDIER, H., SMEETS, G., BROUWER, G. & VAN ROSSUM, J. 277s-278s
- Hypothalamus, effect of superfusion and electrical stimulation of, on arterial blood pressure in cats PHILIPPU, A. 191s-194s
- Hypothermia, autoregulation of renal blood flow in dogs at normal body temperature and in dogs during CHAPMAN, B.J., WITHEY, W.R. & MUNDAY, K.A. 501-508
- Hypothyroidism, response of adenosine 3':5'-cyclic monophosphate to glucagon in ELKELES, R.S., LAZARUS, J.H., SIDDLER, K. & CAMPBELL, A.K. 27-31
- Hypoxia, maximal oxygen uptake, lung volume and ventilatory response to carbon dioxide and, in a pair of identical twin athletes LEITCH, A.G., CLANCY, L. & FLENLEY, D.C. 235-238
- ICI 66082, *see* Compound ICI 66082
- Identical twin athletes, maximal oxygen uptake, lung volume and ventilatory response to carbon dioxide and hypoxia in LEITCH, A.G., CLANCY, L. & FLENLEY, D.C. 235-238
- Immune complexes, effect of, on entry of dye into neutrophil leucocytes in the Nitroblue Tetrazolium test SEGAL, A.W. & LEVI, A.J. 201-212
- Immunization, effect of, against angiotensin II on blood pressure and on plasma aldosterone in the rabbit BECKERHOFF, R., KAPPELER, M., VETTER, W., ARMBRUSTER, H. & SIEGENTHALER, W. 412-420
- Immunoglobulin G, effect of, fractions containing long-acting thyroid stimulator on serum concentration of luteinizing hormone in the rat DANDONA, P., EL KABIR, D.J., NAFTOLIN, F. & MACKINNON, P.C.B. 231-233
- Indomethacin, effect of a competitive angiotensin antagonist on renal haemodynamic changes induced by, in rats MIMRAN, A., CASELLAS, D., DUPONT, M. & BARJON, P. 299s-302s
- Indomethacin, effect of, on renal prostaglandin synthesis in experimental renal-clip hypertension in the rat PUGSLEY, D., BEILIN, L.J. & PETO, R. 303s-306s
- Inhibitor P-113, effect of blockade of angiotensin with, on renin release in rats and rabbits STOKES, G.S., OATES, H.F. & WEBER, M.A. 33s-36s
- Inhibitor, use of, of angiotensin-converting enzyme in diagnosis and treatment of hypertension GAVRAS, H., BRUNNER, H.R., LARAGH, J.H., GAVRAS, I. & VUKOVICH, R.A. 57s-60s
- International reference preparation of human renin, establishment of BANGHAM, D.R., ROBERTSON, I., ROBERTSON, J.I.S., ROBINSON, C.J. & TREE, M. 135s-159s
- Iron-deficiency anaemia, human platelet monoamine oxidase activity in YODIM, M.S.H., WOODS, H.F., MITCHELL, B., GRAHAME-SMITH, D.G. & CALLENDER, S. 289-295
- Iron, role of transferrin in transport of, across human placenta VERHOEF, N.J. & VAN EIJK, H.G. 335-340
- Iron, serum ferritin in normal subjects and patients with various degrees of loading with WORWOOD, M., AHERNE, W., DAWKINS, S. & JACOBS, A. 441-451
- Iron, therapy with, in maintenance haemodialysis BAKER, L.R.I., CATTELL, W.R., CHILD, J.A. & SAVDIE, E. 529-532
- Isopropanol, *see* Propan-2-ol
- Iso-renin-angiotensin system, brain, intrinsic, possible role of, in central regulation of blood pressure in the rat GANTEN, D., HUTCHINSON, J.S. & SCHELLING, P. 265s-268s
- Jejunal biopsies, enzyme activities and properties of lysosomes and brush borders in, from control subjects and patients with coeliac disease PETERS T.J., HEATH, J.R., WANSBROUGH-JONES, M.H. & DOE, W.F. 259-267
- Kidney, changes in protein-bound calcium in serum of patients with chronic failure of GOSLING, P., ROBINSON, B.H.B. & SAMMONS, H.G. 521-528
- Kidney, contribution of, to removal of lactic acid load under normal and acidotic conditions in the conscious rat YUDKIN, J. & COHEN, R.D. 121-131

- Kidney, iron therapy in patients with chronic failure of BAKER, L.R.I., CATTELL, W.R., CHILD, J.A. & SAVDIE, E. 529-532
- Kidney, isolated, rat, effect of Saralasin and SQ 20881 on vasoconstrictor effect of angiotensin II on ZSCHIEDRICH, H., HOFBAUER, K.G., HACKENTHAL, E., BARON, G.D. & GROSS, F. 37s-40s
- Kidney, isolated, rat, effects of lanthanum on renin release and blood flow in LOGAN, A.G., TENYI, I., QUESADA, T., PEART, W.S., BREATHNACH, A.S. & MARTIN, B.G.H. 31s-32s
- Kidney, mean arterial blood pressure, glomerular filtration rate and blood flow in, of dogs with normal body temperature and during hypothermia CHAPMAN, B.J., WITHEY, W.R. & MUNDAY, K.A. 501-508
- Kidney, mechanisms of post-obstructive diuresis in disease of WILSON, D.R. 167-176
- Kidney, permanent hypertension after homotransplantation of, in man GRÜNFELD, J.P., KLEINKNECHT, D., MOREAU, J.F., KAMOUN, P., SABTO, J., GARCIA-TORRES, R., OSORIO, M. & KREIS, H. 391-403
- Kidney, postural changes of plasma renin activity after homotransplantation of SALVETTI, A., ARZILLA, F., SASSANO, P., GAZZETTI, P. & RINDI, P. 283s-286s
- Kidney, rabbit, use of radioactive microspheres to measure blood flow in WARREN, D.J. & LEDINGHAM, J.G.G. 51-60
- Kidney, rabbit, use of radioactive microspheres to study circulatory responses in, to general anaesthesia WARREN, D.J. & LEDINGHAM, J.G.G. 61-66
- Krypton (⁸⁵Kr), wash-out technique with, for measurement of renal blood flow after renal homotransplantation in man GRÜNFELD, J.P., KLEINKNECHT, D., MOREAU, J.F., KAMOUN, P., SABTO, J., GARCIA-TORRES, R., OSORIO, M. & KREIS, H. 391-403
- Lactate, contribution of the kidney to removal of, under normal and acidotic conditions in the conscious rat YUDKIN, J. & COHEN, R.D. 121-131
- Lanthanum, blockade of renin release by LOGAN, A.G., TENYI, I., QUESADA, T., PEART, W.S., BREATHNACH, A.S. & MARTIN, B.G.H. 31s-32s
- Leucocytes, abnormal sodium transport in, from patients with essential hypertension and the effect of treatment THOMAS, R.D., EDMONDSON, R.P.S., HILTON, P.J. & JONES, N.F. 169s-170s
- Leucocytes, concentrations of folate in, from normal subjects and leukaemic patients LAVOIE, A., TRIPP, E., PARSА, K. & HOFFBRAND, A.V. 67-73
- Leucocytes, properties of serum ferritin compared with those of ferritin from WORWOOD, M., AHERNE, W., DAWKINS, S. & JACOBS, A. 441-451
- Leukaemia, myeloid, acute, altered membrane sodium transport and the presence of a plasma ouabain-like inhibitory factor in AFZAL MIR, M. & BOBINSKI, H. 213-218
- Lipolysis, post-heparin, plasma, modifications of, in the rat by acute administration of ethanol or propan-2-ol GIUDICELLI, Y., NORDMANN, R. & NORDMANN, J. 153-156
- Lipoprotein lipase, modifications of tissue activity of, in the rat by acute administration of ethanol or propan-2-ol GIUDICELLI, Y., NORDMANN, R. & NORDMANN, J. 153-156
- Liver, artificial, resin column perfusion with whole blood or plasma separated by the continuous flow centrifuge as part of WESTON, M.J., MELLON, P.J., LANGLEY, P.G., HUGHES, R.D., DUNLOP, E.H., GAZZARD, B.G. & WILLIAMS, R. 187-192
- Liver cancer, human, control of phosphorylative activity in hepatic mitochondria in, through changes in respiratory enzyme contents OZAWA, K. & HONJO, I. 75-82
- Liver, effect of bile-duct ligation on organelle marker enzymes in, and serum of rats PETERS, T.J., NEALE, G. & HEATH, J.R. 307-313
- Liver, rat, methionine adenosyltransferase, cystathionine β -synthase and cystathionine γ -lyase activity of subcellular particles of ALLSOP, J. & WATTS, R.W.E. 509-513
- Liver, rat, regenerating, polyglutamate forms of folate in LAVOIE, A., TRIPP, E., PARSА, K. & HOFFBRAND, A.V. 67-73
- Lung, effects of abdominal breathing on distribution of ventilation in obstructive disease of GRIMBY, G., OXHØJ, H. & BAKE, B. 193-199

- Luteinizing hormone, effect of long-acting thyroid stimulator on serum concentration of, in the rat DANDONA, P., EL KABIR, D.J., NAFTOLIN, F. & MACKINNON, P.C.B. 231-233
- Lysosomes, enzyme activities and properties of, in jejunal biopsies from control subjects and patients with coeliac disease PETERS, T.J., HEATH, J.R., WANSBROUGH-JONES, M.H. & DOE, W.F. 259-267
- Lysosomes, liver, effect of bile-duct ligation on marker enzymes of, and serum of rats PETERS, T.J., NEALE, G. & HEATH, J.R. 307-313
- Medical Research Council, interim report on pilot trial by, of treatment for mild hypertension MIALL, W.E. & BRENNAN, P.J. 165s-167s
- Menstrual cycle, lack of relationship of postural fluid retention in patients with idiopathic oedema to the phase of EDWARDS, O.M. & BAYLISS, R.I.S. 331-333
- Merck Sharp and Dohme International Award, address on presentation of GROSS, F. 1s-2s
- Methionine adenosyltransferase, activity of, in rat liver subcellular particles, human blood cells and mixed white cells from rat bone marrow ALLSOP, J. & WATTS, R.W.E. 509-513
- 3-Methoxy-4-hydroxyphenylglycol, urinary excretion of, in patients with essential hypertension JANUSZEWICZ, W. & WOCIAL, B. 295s-298s
- Methylguanidine, factors affecting the metabolic production of GONELLA, M., BARSOTTI, G., LUPETTI, S. & GIOVANNETTI, S. 341-347
- Methylnoradrenaline, central action of, on blood pressure regulation HENNING, M. 195s-203s
- Micropuncture, free-flow, inorganic phosphate in the rat nephron studied by BOUDRY, J.-F., TROEHLER, U., TOUABI, M., FLEISCH, H. & BONJOUR, J.-P. 475-489
- Microsomes, liver, effect of bile-duct ligation on marker enzymes of, and serum of rats PETERS, T.J., NEALE, G. & HEATH, J.R. 307-313
- Microspheres, radioactive, use of, to measure intrarenal blood-flow distribution in the rabbit WARREN, D.G. & LEDINGHAM, J.G.G. 51-60
- Microspheres, radioactive, use of, to study renal circulatory responses to general anaesthesia in the rabbit WARREN, D.J. & LEDINGHAM, J.G.G. 61-66
- Minoxidil, oral, technique for rapid control of hypertension with O'MALLEY, K. & McNAY, J.L. 185s-187s
- Minoxidil, use of, in patients with refractory hypertension MARTIN, W.B., ZINS, G.R. & FREYBURGER, W.A. 189s-190s
- Mitochondria, liver, effect of bile-duct ligation on marker enzymes of, and serum of rats PETERS, T.J., NEALE, G. & HEATH, J.R. 307-313
- Mitochondria, liver, human, control of phosphorylative activity in, through changes in respiratory enzyme contents OZAWA, K. & HONJO, I. 75-82
- Monoamine oxidase, platelet, human, activity of, in iron-deficiency anaemia YODIM, M.S.H., WOODS, H.F., MITCHELL, B., GRAHAME-SMITH, D.G. & CALLENDER, S. 289-295
- Muscle, limb, lower, changes in the physiological performance of, after fracture and subsequent rehabilitation DAVIES, C.T.M. & SARGEANT, A.J. 107-114
- Muscle, relationship of body fat content to deep temperature of, and isometric endurance in man PETROFSKY, J.S. & LIND, A.R. 405-412
- Myocardium, peak aortic blood flow as an index of function of, during acute coronary occlusion in conscious baboons CHIMOSKEY, J.E., FLANAGAN, W.J., HUNTSMAN, L.L., GAMS, E. & RUSHMER, R.F. 243-246
- Nephron, rat, secretion of inorganic phosphate in BOUDRY, J.-F., TROEHLER, U., TOUABI, M., FLEISCH, H. & BONJOUR, J.-P. 475-489
- Neurohormones, central mechanisms involving, in spontaneously hypertensive rats compared with human essential hypertension FOLKOW, B. 205s-214s
- Neurotransmitters, sympathetic, hypertension and HENNING, M. 195s-203s
- Nitroblue Tetrazolium test, factors influencing entry of dye into neutrophil leucocytes in SEGAL, A.W. & LEVI, A.J. 201-212
- Nitrogen, cardiogenic oscillations of concentration of, in expired gas in man BRADLEY, G.W., HENDERSON, A.K. & MILLS, R.J. 39-45

- Noradrenaline, effect of, injected into rat brain on blood pressure and heart rate in rats STRUYKER BOUDIER, H., SMEETS, G., BROUWER, G. & VAN ROSSUM, J. 277s-278s
- Noradrenaline, plasma, concentration of, and blood pressure in essential hypertension, phaeochromocytoma and depression LOUIS, W.J., DOYLE, A.E. & ANAVEKAR, S.N. 239s-242s
- Nucleus tractus solitarius, effect of noradrenaline injected into, of rat brain on blood pressure and heart rate STRUYKER BOUDIER, H., SMEETS, G., BROUWER, G. & VAN ROSSUM, J. 277s-278s
- Nucleus tractus solitarius, superfusion of, in cats with the push-pull cannula PHILIPPU, A. 191s-194s
- Obesity, total body potassium and body fat estimation in relationship to height, sex, age, malnutrition and EDMONDS, C.J., JASANI, B.M. & SMITH, T. 431-440
- Oedema, idiopathic, lack of relationship of postural fluid retention in patients with, to phase of menstrual cycle EDWARDS, O.M. & BAYLISS, R.I.S. 331-333
- Oestrogen, hypertension induced by, in rats SARUTA, T., NAKAMURA, R., SAITO, I., KONDO, K. & MATUKI, S. 457-460
- Oxprenolol, effect of intracerebroventricular infusion of, on blood pressure and heart rate in cats DAY, M.D. & ROACH, A.G. 269s-272s
- Oxprenolol, effect of, on blood pressure and plasma renin activity in conscious rabbits WEBER, M.A., OATES, H.F. & STOKES, G.S. 89s-91s
- Oxprenolol, effect of, on postural changes of plasma renin activity in normal subjects and patients after renal transplantation SALVETTI, A., ARZILLA, F., SASSANO, P., GAZZETTI, P. & RINDI, P. 283s-286s
- Oxprenolol, effect of, on the acute response of catecholamines and plasma renin activity to frusemide in hypertensive patients MUIESAN, G., ALICANDRI, C., AGABITI ROSEI, E., MOTOLESE, M. & VALORI, C. 85s-88s
- Oxprenolol, response of renin to, in normal subjects at supine rest and during upright exercise BÜHLER, F.R., MARBET, G., PATEL, U. & BURKART, F. 61s-64s
- Oxygen, partial pressures of, and carbon dioxide and pH of blood samples from wedged pulmonary artery CHLUP, J., ŠERF, B., OUŘEDNÍK, A. & PARKMANNOVÁ, A. 47-50
- Oxygen transport, effect of salmon calcitonin on, in patients with Paget's disease CROSBIE, W.A., MOHAMEDALLY, S.M. & WOODHOUSE, N.J.Y. 537-540
- P-113, *see* Inhibitor P-113
- Paget's disease, effect of salmon calcitonin on cardiac output, oxygen transport and bone turnover in patients with CROSBIE, W.A., MOHAMEDALLY, S.M. & WOODHOUSE, N.J.Y. 537-540
- Parasympathetic system, renin secretion and vasopressin release and SCHRIER, R.W., REID, I.A., BERL, T. & EARLEY, L.E. 83-89
- Parathyroid gland, effect of extract of, on renin release in the dog MCCREDIE, D.A., POWELL, H.R. & ROTENBERG, E. 461-463
- Parathyroid gland, protein-synthetic activity of membrane-bound and free ribosomes from, of dogs ALFORD, F.P., COOK, P.S., SWENSON, R.S. & REAVEN, G.M. 373-378
- Parathyroid gland, vitamin D metabolism and function of, in man MAWER, E.B., BACKHOUSE, J., HILL, L.F., LUMB, G.A., DE SILVA, P., TAYLOR, C.M. & STANBURY, S.W. 349-365
- Pentobarbitone, use of radioactive microspheres to study renal circulatory responses to general anaesthesia induced by, in the rabbit WARREN, D.J. & LEDINGHAM, J.G.G. 61-66
- Pepsins, variations in proportions of, secreted by the cat in response to vagal stimulation and hypoglycaemia WRIGHT, C.L., SHAW, B., SANDERS, D.J. & REED, J.D. 297-305
- Peroxisomes, liver, effect of bile-duct ligation on marker enzymes of, and serum of rats PETERS, T.J., NEALE, G. & HEATH, J.R. 307-313
- pH, extracellular and intracellular, of rat brain and the distribution of ammonia HINDFELT, B. 33-37
- Phaeochromocytoma, plasma noradrenaline concentration and blood pressure in LOUIS, W.J., DOYLE, A.E. & ANAVEKAR, S.N. 239s-242s
- Phagocytosis, factors influencing, in the Nitroblue Tetrazolium test SEGAL, A.W. & LEVI, A.J. 201-212
- Phosphate, effect of 1,25-dihydroxycholecalciferol on metabolism of, in hypophosphataemic tubular rickets

- RUSSELL, R.G.G., SMITH, R., PRESTON, C., WALTON, R.J., WOODS, C.G., HENDERSON, R.G. & NORMAN, A.W. 177-186
- Phosphate, inorganic, secretion of, in the rat nephron BOUDRY, J.-F., TROEHLER, U., TOUABI, M., FLEISCH, H. & BONJOUR, J.-P. 475-489
- Phosphorylative activity, control of, in human liver mitochondria through changes in the respiratory enzyme contents OZAWA, K. & HONJO, I. 75-82
- Pindolol, effect of intracerebroventricular infusion of, on blood pressure and heart rate in cats DAY, M.D. & ROACH, A.G. 269s-272s
- Pindolol, response of renin to, in normal subjects at supine rest and during upright exercise BÜHLER, F.R., MARBET, G., PATEL, U. & BURKART, F. 61s-64s
- Plasma, effect of depletion of volume of, and subsequent propranolol treatment on blood pressure and plasma renin activity in patients with essential hypertension or renovascular hypertension GEYSKES, G.G., BOER, P., LEENEN, F.H.H. & DORHOUT MEES, E.J. 69s-71s
- Plasma separation, use of the continuous flow celltrifuge for WESTON, M.J., MELLON, P.J., LANGLEY, P.G., HUGHES, R.D., DUNLOP, E.H., GAZZARD, B.G. & WILLIAMS, R. 187-192
- Plasma volume, effects of anti-hypertensive adrenergic-blocking agents on SAFAR, M.E., WEISS, Y.A., CORVOL, P.L., MENARD, J.E., LONDON, G.M. & MILLIEZ, P.L. 93s-95s
- Plasma volume, role of, in the increase of aldosterone secretion rate during sodium deprivation DALAKOS, T.G. & STREETEN, D.H.P. 161-165
- Platelets, human, activity of monoamine oxidase of, in iron-deficiency anaemia YODIM, M.S.H., WOODS, H.F., MITCHELL, B., GRAHAME-SMITH, D.G. & CALLENDER, S. 289-295
- Polythiazide, use of prazosin in combination with, in treatment of hypertension FERNANDES, M., SANFORD SMITH, I., WEDER, A., KIM, K.E., GOULD, A.B., BUSBY, P., SWARTZ, C. & ONESTI, G. 181s-184s
- Population, screening of, for pilot trial of treatment for mild hypertension MIALI, W.E. & BRENNAN, P.J. 165s-167s
- Positive feedback, special sympathetic reflexes in the cat and maintenance of arterial hypertension by MALLIANI, A., LOMBARDI, F., PAGANI, M., RECORDATI, G. & SCHWARTZ, P.J. 259s-260s
- Posture, effect of, on aldosterone secretion rate DALAKOS, T.G. & STREETEN, D.H.P. 161-165
- Posture, effect of oxprenolol on plasma renin activity and changes in, in normal subjects and patients after renal transplantation SALVETTI, A., ARZILLA, F., SASSANO, P., GAZZETTI, P. & RINDI, P. 283s-286s
- Potassium balance, changes in sodium and, during development of renal hypertension in rats LEENEN, F.H.H., SCHEEREN, J.W., OMYLANOWSKI, D., ELEMA, J.D., VAN DER WAL, B. & DE JONG, W. 17-26
- Potassium, body, total, estimation of, in relationship to height, sex, age, malnutrition and obesity EDMONDS, C.J., JASANI, B.M. & SMITH, T. 431-440
- Potassium, effect of posture on excretion of, in patients with idiopathic oedema EDWARDS, O.M. & BAYLISS, R.I.S. 331-333
- Practolol, effect of intracerebroventricular infusion of, on blood pressure and heart rate in cats DAY, M.D. & ROACH, A.G. 269s-272s
- Practolol, response of renin to, in normal subjects at supine rest and during upright exercise BÜHLER, F.R., MARBET, G., PATEL, U. & BURKART, F. 61s-64s
- Prazosin, anti-hypertensive effect of, in patients and genetically hypertensive rats BOLLI, P., WOOD, A.J., PHELAN, E.L., LEE, D.R. & SIMPSON, F.O. 177s-179s
- Prazosin, use of, in treatment of hypertension in rats and man FERNANDES, M., SANFORD SMITH, I., WEDER, A., KIM, K.E., GOULD, A.B., BUSBY, P., SWARTZ, C. & ONESTI, G. 181s-184s
- Presentation address GROSS, F. 1s-2s
- Prindolol, changes in plasma renin activity and blood pressure after acute and chronic administration of MORGAN, T., CARNEY, S. & ROBERTS, R. 81s-83s
- Prindolol, effect of, on blood pressure and plasma renin activity in conscious rabbits WEBER, M.A., OATES, H.F. & STOKES, G.S. 89s-91s
- Propan-2-ol, plasma post-heparin lipolytic activity and tissue lipoprotein lipase activity in the rat after acute administration of GIUDICELLI, R., NORDMANN, R. & NORDMANN, J. 153-156

- Propranolol, blood pressure decrease and responsiveness to renin-releasing stimuli under increasing doses of, in patients with essential hypertension LEONETTI, G., MAYER, G., MORGANTI, A., TERZOLI, L., ZANCHETTI, A., MORSELLI, P.L., DI SALLE, E. & CHIDSEY, C.A. 77s-79s
- Propranolol, changes in plasma renin activity and blood pressure after acute and chronic administration of MORGAN, T., CARNEY, S. & ROBERTS, R. 81s-83s
- Propranolol, comparison of, and compound R03-4787 in treatment of arterial hypertension in man GEORGE, C.F., LEWIS, P.J. & DOLLERY, C.T. 65s-67s
- Propranolol, effect of intracerebroventricular infusion of, on blood pressure and heart rate in cats DAY, M.D. & ROACH, A.G. 269s-272s
- Propranolol, effect of, on blood pressure and plasma renin activity in conscious rabbits WEBER, M.A., OATES, H.F. & STOKES, G.S. 89s-91s
- Propranolol, effect of, on blood pressure in normal and hypertensive rats CONWAY, J., DARWIN, K., HILDITCH, A., LOVEDAY, B. & REEVES, M. 101s-103s
- Propranolol, effect of, on renal blood flow in conscious rabbits on normal or low sodium diets WARREN, D.J. & LEDINGHAM, J.G.G. 533-535
- Propranolol, effect of, on renin secretion in the anaesthetized dog IMBS, J.L., KRAETZ, J., SCHMIDT, M., DESAULLES, E. & SCHWARTZ, J. 105s-107s
- Propranolol, effect of volume depletion and subsequent treatment with, on blood pressure and plasma renin activity in patients with essential hypertension or renovascular hypertension GEYSKES, G.G., BOER, P., LEENEN, F.H.H. & DORHOUT MEES, E.J. 69s-71s
- Propranolol, hypotensive and renin-suppressing activities of, in hypertensive patients LEONETTI, G., MAYER, G., MORGANTI, A., TERZOLI, L., ZANCHETTI, A., BIANCHETTI, G., DI SALLE, E., MORSELLI, P.L. & CHIDSEY, C.A. 491-499
- Propranolol, long-term treatment with, of resistant arterial hypertension in haemodialysed patients MAGGI-ORE, Q., BAIGINI, M., ZOCCALI, C. & MISEFARI, M. 73s-75s
- Propranolol, response of renin to, in normal subjects at supine rest and during upright exercise BÜHLER, F.R., MARBET, G., PATEL, U. & BURKART, F. 61s-64s
- Propranolol, use of, with minoxidil in patients with refractory hypertension MARTIN, W.B., ZINS, G.R. & FREYBURGER, W.A. 189s-190s
- Prostaglandin A₁, differential effect of, in hypertensive patients with low, normal and high renin KRACKOFF, L.R., VLACHAKIS, N., MENDLOWITZ, M. & STRICKER, J. 311s-313s
- Prostaglandin, effect of indomethacin on renal synthesis of, in experimental renal-clip hypertension in the rat PUGSLEY, D., BEILIN, L.J. & PETO, R. 303s-306s
- Prostaglandins, effect of a competitive angiotensin antagonist on renal haemodynamic changes induced by inhibition of synthesis of, in rats MIMRAN, A., CASELLAS, D., DUPONT, M. & BARJON, P. 299s-302s
- Prostaglandins, effect of, on the enzymatic reaction of human renin in isolated homologous system and with added normal and hypertensive plasma EGGENA, P., BARRETT, J. & SAMBHI, M. 307s-309s
- Prostaglandins E₁, E₂ and F_{2α}, effects of inhalation of, on the airway resistance of healthy and asthmatic man SMITH, A.P., CUTHBERT, M.F. & DUNLOP, L.S. 421-430
- Protein, activity of membrane-bound and free ribosomes in synthesis of, in parathyroid glands of dogs ALFORD, F.P., COOK, P.S., SWENSON, R.S. & REAVEN, G.M. 373-378
- Pteroylpolyglutamates in resting and proliferating mammalian tissues LAVOIE, A., TRIPP, E., PARSA, K. & HOFFBRAND, A.V. 67-73
- Pyrratrione, effect of, in essential hypertension KIMURA, T., TAKAHASHI, E., OZAWA, M., UCHIYAMA, S., MAEKAWA, S., YASHIMA, O. & SATO, M. 175s-176s
- Push-pull cannula, superfusion of nucleus of the solitary tract in cats with PHILIPPU, A. 191s-194s
- R03-4787, *see* Compound R03-4787
- Radioimmunoassay, determination of deoxycorticosterone by COPE, C.L. & LOIZOU, S. 97-105
- Receptors, angiotensin-induced variations of, in rat uterine membranes CHEVILLOTTE, E., DEVYNCK, M.A., FYHRQUIST, F., MEYER, P., ROUZAIRE-DUBOIS, B. & WORCEL, M. 23s-26s

- Rehabilitation, changes in physiological performance of the lower limb after fracture and DAVIES, C.T.M. & SARGEANT, A.J. 107-114
- Renal blood flow, autoregulation of, in dogs at normal body temperature and at 27°C CHAPMAN, B.J., WITHEY, W.R. & MUNDAY, K.A. 501-508
- Renal blood flow, use of radioactive microspheres to measure, in the rabbit WARREN, D.J. & LEDINGHAM, J.G.G. 51-60
- Renal blood flow, use of radioactive microspheres to study responses of, to general anaesthesia in the rabbit WARREN, D.J. & LEDINGHAM, J.G.G. 61-66
- Renal-clip hypertension, experimental, effect of indomethacin on renal synthesis of prostaglandin in, in the rat PUGSLEY, D., BEILIN, L.J. & PETO, R. 303s-306s
- Renal-clip hypertension in the dog SLEIGHT, P., ROBINSON, J.L., BROOKS, D.E. & REES, P.M. 261s-263s
- Renal failure, acute, early changes in renal function and haemodynamics in dogs with, induced by uranyl nitrate KLEINMAN, J.G., MCNEIL, J.S. & FLAMENBAUM, W. 9-16
- Renal failure, acute, renin-angiotensin system in, in rats RAUH, W., OSTER, P., DIETZ, R. & GROSS, F. 467-473
- Renal nerves, effect of propranolol and sotalol on renin secretion induced by stimulation of, in the anaesthetized dog IMBS, J.L., KRAETZ, J., SCHMIDT, M., DESAULLES, E. & SCHWARTZ, J. 105s-107s
- Renal transplantation, changes in erythrocyte membrane ouabain-positive adenosine triphosphatase after COLE, C.H. & MALETZ, R. 239-242
- Renin activity, plasma, cardiovascular disease and HICKLER, R.B., LAULER, D.P., GLEASON, R.E. & CHRISTLIEB, R. 131s-133s
- Renin activity, plasma, changes in, and blood pressure after acute and chronic administration of β -adrenergic receptor-blocking drugs MORGAN, T., CARNEY, S. & ROBERTS, R. 81s-83s
- Renin activity, plasma, changes in, during development of renal hypertension in rats LEENEN, F.H.H., SCHEEREN, J.W., OMYLANOWSKI, D., ELEMA, J.D., VAN DER WAL, B. & DE JONG, W. 17-26
- Renin activity, plasma, differential effect of prostaglandin A₁ in hypertensive patients with low, normal and high KRAKOFF, L.R., VLACHAKIS, N., MENDLOWITZ, M. & STRICKER, J. 311s-313s
- Renin activity, plasma, effect of β -adrenoreceptor antagonists on, in conscious rabbits WEBER, M.A., OATES, H.F. & STOKES, G.S. 89s-91s
- Renin activity, plasma, effect of angiotensin II and an angiotensin II analogue on, in the dog BECKERHOFF, R., UHLSCHMID, G., VETTER, W., ARMBRUSTER, H., NUSSBERGER, J., RECK, G., SCHMIED, U. & SIEGENTHALER, W. 41s-44s
- Renin activity, plasma, effect of angiotensin converting-enzyme inhibitor on, in man HABER, E., SANCHO, J., RE, R., BURTON, J. & BARGER, A.C. 49s-52s
- Renin activity, plasma, effect of oxprenolol on postural changes of, in normal subjects and patients after renal transplantation SALVETTI, A., ARZILLA, F., SASSANO, P., GAZZETTI, P. & RINDI, P. 283s-286s
- Renin activity, plasma, effect of oxprenolol on the acute response of catecholamines and, to frusemide in hypertensive patients MUIESAN, G., ALICANDRI, C., AGABITI ROSEI, E., MOTOLESE, M. & VALORI, C. 85s-88s
- Renin activity, plasma, effect of prazosin on, in spontaneously hypertensive rats FERNANDES, M., SANFORD SMITH, I., WEDER, A., KIM, K.E., GOULD, A.B., BUSBY, P., SWARTZ, C. & ONESTI, G. 181s-184s
- Renin activity, plasma, effect of propranolol on, in hypertensive patients LEONETTI, G., MAYER, G., MORGANTI, A., TERZOLI, L., ZANCHETTI, A., BIANCHETTI, G., DI SALLE, E., MORSELLI, P.L. & CHIDSEY, C.A. 491-499
- Renin activity, plasma, measurement of urinary sodium excretion and, in normal and hypertensive subjects DOYLE, A.E., CHUA, K.G., DUFFY, S. & LOUIS, W.J. 127s-129s
- Renin activity, plasma, effect of volume depletion and subsequent propranolol treatment on blood pressure and, in patients with essential hypertension or renovascular hypertension GEYSKES, G.G., BOER, P., LEENEN, F.H.H. & DORHOUT MEES, E.J. 69s-71s
- Renin activity, plasma, relationship between, and urinary and plasma concentrations of catecholamines WERNER, U., GÜNNEWIG, H. & BOCK, K.D. 287s-290s

- Renin-angiotensin system, acute renal failure in rats and RAUH, W., OSTER, P., DIETZ, R. & GROSS, F. 467-473
- Renin-angiotensin system, effects of anti-hypertensive adrenergic-blocking agents on SAFAR, M.E., WEISS, Y.A., CORVOL, P.L., MENARD, J.E., LONDON, G.M. & MILLIEZ, P.L. 93s-95s
- Renin-angiotensin system, response of, in rats to injection of angiotensin II antibodies HACKENTHAL, E., BAUKNECHT, H. & OSTER, P. 27s-30s
- Renin-angiotensin system, use of blocking agents to define the functions of DAVIS, J.O. 3s-14s
- Renin as a risk factor in hypertension (Round Table) (Chairman: PEART, W.S.) 117s-126s
- Renin, blockade by lanthanum of release of LOGAN, A.G., TENYI, I., QUESADA, T., PEART, W.S., BREATHNACH, A.S. & MARTIN, B.G.H. 31s-32s
- Renin, blood pressure decrease and responsiveness to stimuli causing release of, under increasing doses of propranolol in patients with essential hypertension LEONETTI, G., MAYER, G., MORGANTI, A., TERZOLI, L., ZANCHETTI, A., MORSELLI, P.L., DI SALLE, E. & CHIDSEY, C.A. 77s-79s
- Renin, effect of angiotensin blockade on release of, in rats and rabbits STOKES, G.S., OATES, H.F. & WEBER, M.A. 33s-36s
- Renin, effect of oestrogen on activity of, and on plasma renin substrate in rats SARUTA, T., NAKAMURA, R., SAITO, I., KONDO, K. & MATUKI, S. 457-460
- Renin, effect of parathyroid extract on release of, in the dog MCCREDIE, D.A., POWELL, H.R. & ROTENBERG, E. 461-463
- Renin, evaluation of methods of stimulating, for detection in out-patients of low-renin hypertension DRAYER, J.I.M., KLOPPENBORG, P.W.C. & BENRAAR, T.J. 91-96
- Renin, human, international collaborative study of assay of BANGHAM, D.R., ROBERTSON, I., ROBERTSON, J.I.S., ROBINSON, C.J. & TREE, M. 135s-159s
- Renin, neural control of release of ZANCHETTI, A. & STELLA, A. 215s-223s
- Renin, parasympathetic pathways, vasopressin release and secretion of SCHRIER, R.W., REID, I.A., BERL, T. & EARLEY, L.E. 83-89
- Renin, responses of, to various β -adrenergic-blocking agents in normal subjects at supine rest and during upright exercise BÜHLER, F.R., MARBET, G., PATEL, U. & BURKART, F. 61s-64s
- Renin-substrate reaction, effect of prostaglandins on, in isolated homologous system and with added normal and hypertensive plasma EGGENA, P., BARRETT, J. & SAMBHI, M. 307s-309s
- Renin suppression and the hypotensive action of β -adrenergic-blocking drugs (Round Table) (Chairman: ROBERTSON, J.I.S.) 109s-115s
- Respiratory air flow, cardiogenic changes in, in man BRADLEY, G.W., HENDERSON, A.K. & MILLS, R.J. 39-45
- Respiratory enzyme, human, control of phosphorylative activity in human liver mitochondria through changes in contents of OZAWA, K. & HONJO, I. 75-82
- Reticulocytes, properties of serum ferritin compared with those of ferritin from WORWOOD, M., AHERNE, W., DAWKINS, S. & JACOBS, A. 441-451
- Ribosomes, membrane-bound and free, protein-synthetic activity of, from parathyroid glands of dogs ALFORD, F.P., COOK, P.S., SWENSON, R.S. & REAVEN, G.M. 373-378
- Rickets, renal tubular, hypophosphataemic, effect of 1,25-dihydroxycholecalciferol on renal tubular reabsorption of phosphate, intestinal reabsorption of calcium and bone histology in RUSSELL, R.G.G., SMITH, R., PRESTON, C., WALTON, R.J., WOODS, C.G., HENDERSON, R.G. & NORMAN, A.W. 177-186
- Round Table: renin as a risk factor in hypertension (Chairman: PEART, W.S.) 117s-126s
- Round Table: renin suppression and the hypotensive action of β -adrenergic-blocking drugs (Chairman: ROBERTSON, J.I.S.) 109s-115s
- Salt, effect of inhibition of angiotensin II formation on arterial blood pressure in rats chronically deprived of COLEMAN, T.G. & GUYTON, A.C. 45s-48s
- Saralasin, effect of, on vasoconstrictor effect of angiotensin II in isolated rat kidney ZSCHIEDRICH, H., HOFBAUER, K.G., HACKENTHAL, E., BARON, G.D. & GROSS, F. 37s-40s

- Serotonergic neurons, central, and experimental neurogenic and renal hypertension in the rabbit CHALMERS, J.P. & WING, L.M.H. 279s-282s
- Serotonin analogue, *see* 5,6-Dihydroxytryptamine
- Sickle-cell anaemia, *see* Anaemia
- Sodium, abnormal transport of, in leucocytes from patients with essential hypertension and the effect of treatment THOMAS, R.D., EDMONDSON, R.P.S., HILTON, P.J. & JONES, N.F. 169s-170s
- Sodium balance, changes in potassium and, during development of renal hypertension in rats LEENEN, F.H.H., SCHEEREN, J.W., OMYLANOWSKI, D., ELEMA, J.D., VAN DER WAL, B. & DE JONG, W. 17-26
- Sodium balance, effects of anti-hypertensive adrenergic-blocking agents on SAFAR, M.E., WEISS, Y.A., CORVOL, P.L., MENARD, J.E., LONDON, G.M. & MILLIEZ, P.L. 93s-95s
- Sodium balance, state of, and effect of indomethacin on blood pressure in rats MIMRAN, A., CASELLAS, D., DUPONT, M. & BARJON, P. 299s-302s
- Sodium depletion, effect of, and subsequent propranolol treatment on blood pressure and plasma renin activity in patients with essential hypertension or renovascular hypertension GEYSKES, G.G., BOER, P., LEENEN, F.H.H. & DORHOUT MEES, E.J. 69s-71s
- Sodium, effect of restriction of, on renin activity in hypertensive patients DRAYER, J.I.M., KLOPPENBORG, P.W.C. & BENRAAR, T.J. 91-96
- Sodium, effect of posture on excretion of, in patients with idiopathic oedema EDWARDS, O.M. & BAYLISS, R.I.S. 331-333
- Sodium, effects of beta-adrenergic receptor blockade on the renal vascular response to a diet low in, in the rabbit WARREN, D.J. & LEDINGHAM, J.G.G. 533-535
- Sodium, exchangeable, effect of prazosin on, in genetically hypertensive rats BOLLI, P., WOOD, A.J., PHELAN, E.L., LEE, D.R. & SIMPSON, F.O. 177s-179s
- Sodium, excretion of, in hypertensive patients with low, normal and high renin and the effect of prostaglandin A₁ KRAKOFF, L.R., VLACHAKIS, N., MENDLOWITZ, M. & STRICKER, J. 311s-313s
- Sodium, measurement of plasma renin activity and urinary excretion of, in normal and hypertensive subjects DOYLE, A.E., CHUA, K.G., DUFFY, S. & LOUIS, W.J. 127s-129s
- Sodium, role of plasma volume in the increase of aldosterone secretion rate during deprivation of DALAKOS, T.G. & STREETEN, D.H.P. 161-165
- Sodium transport, membrane, alteration of, and the presence of a plasma ouabain-like inhibitory factor in acute myeloid leukaemia AFZAL MIR, M. & BOBINSKI, H. 213-218
- Sotalol, effect of intracerebroventricular infusion of, on blood pressure and heart rate in cats DAY, M.D. & ROACH, A.G. 269s-272s
- Sotalol, effect of, on renin secretion in the anaesthetized dog IMBS, J.L., KRAETZ, J., SCHMIDT, M., DESAULLES, E. & SCHWARTZ, J. 105s-107s
- SQ 20881, *see* Compound SQ 20881
- Stress, yoga and biofeedback in the management of, in hypertensive patients PATEL, C. 171s-174s
- Stroke, pathogenesis and prevention of, in spontaneously hypertensive rats OKAMOTO, K., HAZAMA, F., YAMORI, Y., HAEBARA, H. & NAGAOKA, A. 161s-163s
- Sympathetic system, effect of stimulation of, on renin release ZANCHETTI, A. & STELLA, A. 215s-223s
- Sympathetic system, electrical and dynamic responses of human hyperkinetic heart to stimuli from BARTORELLI, C., POLESE, A., FIORENTINI, C., MAGRINI, F., OLIVARI, M.T. & GUAZZI, M. 291s-293s
- Sympathetic system, special reflexes of, in the cat and the pathogenesis of arterial hypertension MALLIANI, A., LOMBARDI, F., PAGANI, M., RECORDATI, G. & SCHWARTZ, P.J. 259s-260s
- Temperature, deep, relationship of body fat content to, of muscle and isometric endurance in man PETROFSKY, J.S. & LIND, A.R. 405-412
- Tetradecapeptide renin substrate, effect of Saralasin and SQ 20881 on vasoconstrictor effect of, in isolated rat kidney ZSCHIEDRICH, H., HOFBAUER, K.G., HACKENTHAL, E., BARON, G.D. & GROSS, F. 37s-40s
- Thyroid gland, effect of long-acting stimulator of, on serum concentration of luteinizing hormone in the rat DANDONA, P., EL KABIR, D.J., NAFTOLIN, F. & MACKINNON, P.C.B. 231-233

- Thyroid gland, response of plasma adenosine 3':5'-cyclic monophosphate to glucagon in disease of ELKELES, R.S., LAZARUS, J.H., SIDDLER, K. & CAMPBELL, A.K. 27-31
- Tilt table, use of, with normal subjects to study the role of the renin-angiotensin-aldosterone system in cardiovascular homeostasis HABER, E., SANCHO, J., RE, R., BURTON, J. & BARGER, A.C. 49s-52s
- Timolol, effect of, and hydrochlorothiazide on renal hypertension induced in dogs SWEET, C.S. & MANDRAD-JIEFF, M. 147-151
- Transferrin, isolation, characterization and function of, of cord blood VERHOEF, N.J. & VAN EIJK, H.G. 335-340
- Triglyceride, metabolism of, in hyperlipaemic (type IV) and normolipaemic subjects on carbohydrate- or fat-rich diets HAGENFELDT, L., HELLSTRÖM, K. & WAHREN, J. 247-257
- Triglycerides, impaired hepatic release of, as a possible cause of acute alcoholic fatty liver in the Rhesus monkey NAIR, C.R., NIRANKARI, O.P., CHHUTTANI, P.N. & DATTA, D.V. 453-455
- Triton WR-1339, effect of, on plasma triglycerides after infusion of ethanol in the Rhesus monkey NAIR, C.R., NIRANKARI, O.P., CHHUTTANI, P.N. & DATTA, D.V. 453-455
- Tyrosine hydroxylase, effect of inhibitor of, in essential hypertension KIMURA, T., TAKAHASHI, E., OZAWA, M., UCHIYAMA, S., MAEKAWA, S., YASHIMA, O. & SATO, M. 175s-176s
- Umbilical cord, isolation, characterization and function of transferrin from blood of VERHOEF, N.J. & VAN EIJK, H.G. 335-340
- Uraemia, chronic, efficiency of utilization of urea nitrogen for synthesis of albumin by patients with, and normal subjects VARCOE, R., HALLIDAY, D., CARSON, E.R., RICHARDS, P. & TAVILL, A.S. 379-390
- Uraemia, methylguanidine and toxicity of GONELLA, M., BARSOTTI, G., LUPETTI, S. & GIOVANETTI, S. 341-347
- Uranyl nitrate, early changes in renal function and haemodynamics in dogs with renal failure induced by KLEINMAN, J.G., MCNEIL, J.S. & FLAMENBAUM, W. 9-16
- Urea ammonium, adaptations in excretion of, in metabolic acidosis in the rat OLIVER, J. & BOURKE, E. 515-520
- Urea, effect of fludrocortisone and, in enhancing the urine-concentrating response to vasopressin in man GOONARATNA, C. DE F. W. & WRONG, O.M. 269-278
- Urea nitrogen, efficiency of utilization of, for synthesis of albumin by chronically uraemic and normal man VARCOE, R., HALLIDAY, D., CARSON, E.R., RICHARDS, P. & TAVILL, S.A. 379-390
- Urea, transport of, and ammonia by the excluded human colon BOWN, R.L., GIBSON, J.A., FENTON, J.C.B., SNEDDEN, W., CLARK, M.L. & SLADEN, G.E. 279-287
- Urinary tract, mechanisms of diuresis in obstruction of WILSON, D.R. 167-176
- Urine-concentrating response, effect of fludrocortisone and urea in enhancing, to vasopressin in man GOONARATNA, C. DE F. W. & WRONG, O.M. 269-278
- Urine, measurement of deep body temperature from temperature of FOX, R.H., BROOKE, O.G., COLLINS, J.C., BAILEY, C.S. & HEALEY, F.B. 1-7
- Uritemp bottle, use of, in measurement of deep body temperature FOX, R.H., BROOKE, O.G., COLLINS, J.C., BAILEY, C.S. & HEALEY, F.B. 1-7
- Vagal stimulation, variations in proportions of pepsins secreted by the cat in response to WRIGHT, C.L., SHAW, B., SANDERS, D.J. & REED, J.D. 297-305
- Vagus, effect of section of, on renin secretion and release of vasopressin in the dog SCHRIER, R.W., REID, I.A., BERL, T. & EARLEY, L.E. 83-89
- Vascular disease, plasma renin activity and urinary excretion of sodium in DOYLE, A.E., CHUA, K.G., DUFFY, S. & LOUIS, W.J. 127s-129s
- Vascular resistance, peripheral, autonomic influence on, in mild human hypertension JULIUS, S., ESLER, M.D. & RANDALL, O.S. 243s-252s
- Vasomotor centre, afferent pathways of JOY, M.D. 253s-256s
- Vasopressin, effect of fludrocortisone and urea in enhancing the urine-concentrating response to, in man GOONARATNA, C. DE F. W. & WRONG, O.M. 269-278

- Vasopressin, parasympathetic pathways, renin secretion and release of SCHRIER, R.W., REID, I.A., BERL, T. & EARLEY, L.E. 83-89
- Ventilation, effects of abdominal breathing on distribution of, in obstructive lung disease GRIMBY, G., OXHØJ, H. & BAKE, B. 193-199
- Ventilation, relationships between perfusion and CHLUP, J., ŠERF, B., OUŘEDNÍK, A. & PARKMANNOVÁ, A. 47-50
- Ventilation, response of, to carbon dioxide and hypoxia in a pair of identical twin athletes LEITCH, A.G., CLANCY, L. & FLENLEY, D.C. 235-238
- Vitamin D, effect of 1,25-dihydroxycholecalciferol on renal tubular reabsorption of phosphate, intestinal absorption of calcium and bone histology in patients with rickets resistant to RUSSELL, R.G.G., SMITH, R., PRESTON, C., WALTON, R.J., WOODS, C.G., HENDERSON, R.G. & NORMAN, A.W. 177-186
- Vitamin D₃, feedback regulation of cholecalciferol metabolism by EVANS, I.M.A., COLSTON, K.W., GALANTE, L. & MACINTYRE, I. 227-230
- Vitamin D, parathyroid function and metabolism of, in man MAWER, E.B., BACKHOUSE, J., HILL, L.F., LUMB, G.A., DE SILVA, P., TAYLOR, C.M. & STANBURY, S.W. 349-365
- Volhard Lecture, Second DAVIS, J.O. 3s-14s
- Wedge pressure, determination of catheter position in pulmonary artery branch from CHLUP, K., ŠERF, B., OUŘEDNÍK, A. & PARKMANNOVÁ, A. 47-50
- Xenon (¹³³Xe), wash-out technique with, to study distribution of ventilation in obstructive lung disease GRIMBY, G., OXHØJ, H. & BAKE, B. 193-199
- Yoga, biofeedback and, in the management of 'stress' in hypertensive patients PATEL, C. 171s-174s