

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

PRINTED IN GREAT BRITAIN BY ALDEN & MOWBRAY LTD AT THE ALDEN PRESS, OXFORD

## AUTHOR INDEX

Page numbers in Supplement No. 1 are distinguished by s.

- ABRAMS, H.L., see Hollenberg, N.K. *et al.*
- ADAMS, D.F., see Hollenberg, N.K. *et al.*
- ADDISON, J.M., see Silk, D.B.A. *et al.*
- ALBERTI, K.G.M.M., see Record, C.O. *et al.*
- ALLAN, J.G., see Russell, R.I. *et al.*
- ALLEN, B.R., see Moore, M.R. *et al.*
- ALLEN, J.A., LOWE, D.C., RODDIE, I.C. & WALLACE, W.F.M. Studies on sweating in clinical and experimental thyrotoxicosis 765
- ALLISON, E.S., CRANSTON, W.I., DUFF, G.W., LUFF, R.H. & RAWLINS, M.D. The bioassay of human endogenous pyrogen 449
- AMERY, A. & DE SCHAEFDRIJVER, A. European working party on high blood pressure in elderly (EWPHE): organization of a double-blind multicentre trial on anti-hypertensive therapy in elderly patients 71s
- AMERY, A., see also Fagard, R. *et al.*
- ANAVEKAR, S.N., see Johnston, C.I. *et al.*; see also Louis, W.J. *et al.*
- ANGÈLES D'AURIAC, G. & MEYER, P. Effects of angiotensin II on adenylyclase activity, phosphodiesterase activity and on the level of cyclic AMP in rat uterus 247s
- ARAKAWA, K., MASAKI, Z., OSADA, Y., YAMADA, J. & MOMOSE, S. Divided renal and peripheral venous renin as a means of predicting operative curability of renal hypertension 311s
- ARMANINI, D., see Mantero, F. *et al.*
- ARMSTRONG, F.B., see Muirhead, E.E. *et al.*
- ARZILLI, F., see Salvetti, A. *et al.*
- ASATOOR, A.M., CHADHA, A., MILNE, M.D. & PROSSER, D.I. Intestinal absorption of stereoisomers of dipeptides in the rat 199
- BAILEY, R.R., NATALE, R., TURNBULL, D.I. & LINTON, A.L. Protective effect of frusemide in acute tubular necrosis and acute renal failure 1
- BALASUBRAMANIAM, S., see Myant, N.B. *et al.*
- BARDI, U., see Bianchi, G. *et al.*
- BARON, J.H., see Gutierrez, L.V. & Baron, J.H.
- BARRERA, R., see Cruz-Coke, R. *et al.*
- BARTEL, A., see Heyden, S. *et al.*
- BARTORELLI, A., see Richardson, D. *et al.*
- BAUER, G.E. & HUMPHERY, T.J. The natural history of hypertension with moderate impairment of renal function 191s
- BAYLISS, R.I.S., see Edwards, O.M. & Bayliss, R.I.S.
- BEEVERS, D.G., see Kremer, D. *et al.*
- BEGUM, A., see Pereira, S.M. & Begum, A.

- BENATAR, S.R., see Collins, J.V. *et al.*
- BENNETT, B., see Herbert, R.J. *et al.*
- BENNINGER, J.-L., see Tuckman, J. *et al.*
- BERK, P.D., see Bloomer, J.R. *et al.*
- BERKOWITZ, H., REICHEL, J. & SHIM, C. The effect of ethanol on the cough reflex 527
- BERLIN, N.I., see Bloomer, J.R. *et al.*
- BIANCHI, G., FOX, U., DI FRANCESCO, G.F., BARDI, U. & RADICE, M. The hypertensive role of the kidney in spontaneously hypertensive rats 135s
- BIRD, D.L., see Simpson, F.O. *et al.*
- BIRKENHÄGER, W.H., see Schalekamp, M.A.D.H. *et al.*
- BLOOMER, J.R., BERK, P.D., VERGALLA, J. & BERLIN, N.I. Influence of albumin on the extravascular distribution of unconjugated bilirubin 517
- BLOOMER, J.R., BERK, P.D., VERGALLA, J. & BERLIN, N.I. Influence of albumin on the hepatic uptake of unconjugated bilirubin 505
- BLOUGH, W.M., JR, see Conn, J.W. *et al.*
- BODDY, K., see Muldowney, F.P. *et al.*
- BOOKSTEIN, J.J., see Conn, J.W. *et al.*
- BOTHWELL, T.H., see Lynch, S.R. *et al.*
- BOULLIN, D.J., CRAMPTON, R.F., HEADING, C.E. & PELLING, D. Intestinal absorption of dipeptides containing glycine, phenylalanine, proline,  $\beta$ -alanine or histidine in the rat 849
- BROOKS, C.J., see Gray, S.P. *et al.*
- BROWN, J.J., see Kremer, D. *et al.*
- BROWN, J.P., see Weir, D.G. *et al.*
- BRZEZINSKA, Z., see Kozłowski, S. *et al.*
- BURSTON, D., see Silk, D.B.A. *et al.*
- BURTON, J.A., see Poulsen, K. *et al.*
- CALDWELL, B.V., see Zusman, R.M. *et al.*
- CAMERON, I.R., see Linton, R.A.F. *et al.*
- CAMPBELL, D.J., SKINNER, S.L. & DAY, A.J. Suppression of plasma renin by atherogenic levels of serum cholesterol in rabbits 565
- CERASI, E., see Tattersall, R.B. *et al.*
- CHADHA, A., see Asatoor, A.M. *et al.*
- CHALMERS, J.P., see Lewis, P.J. *et al.*
- CHANARIN, I., see England, J.M. *et al.*
- CHARLTON, R.W., see Lynch, S.R. *et al.*
- CHIDSEY, C.A. Clinical and pharmacokinetic studies of minoxidil, a new antihypertensive agent 171s
- CHINN, S., see Miall, W.E. & Chinn, S.
- CHRISTENSEN, N.J. Plasma noradrenaline and adrenaline in patients with thyrotoxicosis and myxoedema 163
- CHUA, K.G., see Johnston, C.I. *et al.*; see also Louis, W.J. *et al.*
- CLARK, D.W.J., see Simpson, F.O. *et al.*
- CLARK, M.L., see Silk, D.B.A. *et al.*

- CLARK, T.J.H., see Collins, J.V. *et al.*
- CLIFT, G.V., see Streeten, D.H.P. *et al.*
- COCHRAN, K.M., see Russell, R.I. *et al.*
- COCHRANE, G.M., see Collins, J.V. *et al.*
- COGHLAN, J.P., see Scoggins, B.A. *et al.*
- COHEN, E.L., see Conn, J.W. *et al.*
- COHEN, R.D., see Lloyd, M.H. *et al.*
- COLE, C.H. Decreased ouabain-sensitive adenosine triphosphatase activity in the erythrocyte membrane of patients with chronic renal disease 775
- COLI, A. & DONATO, L. Metabolic clearance rate of angiotensin II in arterial hypertension 235s
- COLLINS, J.V., COCHRANE, G.M., DAVIS, J., BENATAR, S.R. & CLARK, T.J.H. Some aspects of pulmonary function after rapid saline infusion in healthy subjects 407
- COLOMBI, A., see Muiesan, G. *et al.*
- CONN, J.W., COHEN, E.L., McDONALD, W.J., BLOUGH, W.M., JR, LUCAS, C.P., MAYOR, G.H., BOOKSTEIN, J.J., EVELAND, W.C. & LAPIDES, J. Primary reninism: hypertension, hyperreninaemia and secondary aldosteronism due to juxtaglomerular renal cell tumours 279s
- CORCORAN, J.M., see Eastman, C.J. *et al.*
- COWAN, R., see Sokolow, M. *et al.*
- CRAMPTON, R.F., see Boullin, D.J. *et al.*
- CRAN, E.J., see Scoggins, B.A. *et al.*
- CRANSTON, W.I., LUFF, R.H., OWEN, D. & RAWLINS, M.D. Studies on the pathogenesis of fever in renal carcinoma 459
- CRANSTON, W.I., see also Allison, E.S. *et al.*
- CRUZ-COKE, R., DONOSO, H. & BARRERA, R. Genetic ecology of hypertension 55s
- CUTLER, R.E., see Gutman, R.A. *et al.*
- DALAKOS, T.G., see Streeten, D.H.P. *et al.*
- DATHAN, J.R.E., JOHNSON, D.B. & GOODWIN, F.J. The relationship between body fluid compartment volumes, renin activity and blood pressure in chronic renal failure 77
- DAUDA, G., MÖHRING, J., HOFBAUER, K.G., HOMSY, E., MIKSCH, U., ORTH, H. & GROSS, F. The vicious circle in acute malignant hypertension of rats 251s
- DAVIES, D.L., see Kremer, D. *et al.*
- DAVIES, R.J., see Linton, R.A.F. *et al.*
- DAVIS, J., see Collins, J.V. *et al.*; see also Harrison, B.D.W. *et al.*
- DAY, A.J., see Campbell, D.J. *et al.*
- DE GRAAF, H., see Dorhout Mees, E.J. & de Graaf, H.
- DE GRAEFF, J., see Pinedo, H.M. *et al.*
- DELIUS, W., see Wallin, B.G. *et al.*
- DELOOZ, H., see Fagard, R. *et al.*
- DE MOOR-FRUYTIER, M., see Schalekamp, M.A.D.H. *et al.*
- DENCKER, H., KAHLSON, G., KOCKUM, I., NORRYD, C. & ROSENGREN, E. Histamine metabolism in human gastric mucosa 225
- DENIRO, E., see Kaye, M.D. *et al.*

- DENTON, D.A., see Scoggins, B.A. *et al.*
- DE SCHAEFDRIJVER, A., see Amery, A. & de Schaepdrijver, A.
- DI FRANCESCO, G.F., see Bianchi, G. *et al.*
- DISTLER, A., JUST, H.J. & PHILIPP, TH. Studies on the mechanism of aldosterone-induced hypertension in man 743
- DOLLERY, C.T., see Lewis, P.J. *et al.*; see also Reid, J.L. *et al.*
- DONATO, L., see Coli, A. & Donato, L.
- DONOSO, H., see Cruz-Coke, R. *et al.*
- DORHOUT MEES, E.J. & DE GRAAF, H. Free water clearance in patients with essential hypertension 469
- DOUGLAS, A.S., see Rawles, J.M. *et al.*
- DOWNMAN, C.B.B., see Goadby, H.K. & Downman, C.B.B.
- DOYLE, A.E., see Louis, W.J. *et al.*
- DUFF, G.W., see Allison, E.S. *et al.*
- DURNIN, J.V.G.A., see Muldowney, F.P. *et al.*
- DUSTING, G.J., HARRIS, G.S. & RAND, M.J. A specific increase in cardiovascular reactivity related to sodium retention in DOCA-salt-treated rats 571
- EASTMAN, C.J., CORCORAN, J.M., JEQUIER, A., EKINS, R.P. & WILLIAMS, E.S. Triiodothyronine concentration in cord and maternal sera at term 251
- EDWARDS, O.M. & BAYLISS, R.I.S. Urinary excretion of water and electrolytes in normal females during the follicular and luteal phases of the menstrual cycle: the effect of posture 495
- EKINS, R.P., see Eastman, C.J. *et al.*; see also Jowett, T.P. *et al.*
- ENGLAND, J.M., TAVILL, A.S. & CHANARIN, I. Hepatic synthesis of transcobalamin II in the rat 479
- EPSTEIN, F.H., see Johnson, B.C. *et al.*
- EVANS, M., see Harrison, B.D.W. *et al.*
- EVELAND, W.C., see Conn, J.W. *et al.*
- EYSKENS, E., see Fagard, R. *et al.*
- FAGARD, R., EYSKENS, E., DELOOZ, H., FOSSION, E. & AMERY, A. The clearance of endogenous renin in the anhepatic anephric dog 225s
- FAN, S.K., see Scoggins, B.A. *et al.*
- FANG, P., see Kincaid-Smith, P. *et al.*
- FELIG, P., see Tattersall, R.B. *et al.*
- FELLERMAN, H., see Streeten, D.H.P. *et al.*
- FERRISS, J.B., see Kremer, D. *et al.*
- FIorentINI, C., see Guazzi, M. *et al.*
- FISH, H.L., see Wolf, R.L. *et al.*
- FLEET, W.P., see Gutman, R.A. *et al.*
- FOLKOW, B., HALLBÄCK, M. & WEISS, L. Cardiovascular responses to acute mental 'stress' in spontaneously hypertensive rats 131s
- FORBES, C.D., see Thomson, C. *et al.*

- FORMAN, B.H., see Zusman, R.M. *et al.*
- FORREY, A.W., see Gutman, R.A. *et al.*
- FOSSION, E., see Fagard, R. *et al.*
- FOX, U., see Bianchi, G. *et al.*
- FRANCZYK, M., see Kozłowski, S. *et al.*
- FRANS, A., see van Ypersele de Strihou, C. & Frans, A.
- FRASER, R., GUEST, S. & YOUNG, J. A comparison of double-isotope derivative and radioimmunological estimation of plasma aldosterone concentration in man 411
- FRASER, R., see also Kremer, D. *et al.*
- FREEDMAN, D.S., see Weir, D.G. *et al.*
- FULTON, E.H., see Fulton, R.M. *et al.*
- FULTON, R.M., FULTON, E.H. & GREEN, K.G. The effect of practolol ('Eraldin') in the long-term treatment of severe and moderate hypertension 167s
- GALLAGHER, J.C. & WILKINSON, R. The effect of ethinyloestradiol on calcium and phosphorus metabolism of post-menopausal women with primary hyperparathyroidism 785
- GENEST, J., see Rojo-Ortega, J.M. *et al.*
- GERSKOWITCH, V.P., see Russell, R.I. *et al.*
- GHERMAN, C.E., see Wolf, R.L. *et al.*
- GOADBY, H.K. & DOWNMAN, C.B.B. Peripheral vascular and sweat-gland reflexes in diabetic neuropathy 281
- GODFREY, S., see Jaffe, P. *et al.*
- GOLLAN, J.L., see Lewis, K.O. & Gollan, J.L.
- GOODWIN, F.J., see Dathan, J.R.E. *et al.*
- GORDON, R.D., SYMONDS, E.M., WILMSHURST, E.G. & PAWSEY, C.G.K. Plasma renin activity, plasma angiotensin and plasma and urinary electrolytes in normal and toxæmic pregnancy, including a prospective study 115
- GRAY, S.P., MORRIS, J.E.W. & BROOKS, C.J. Renal handling of calcium, magnesium, inorganic phosphate and hydrogen ions during prolonged exposure to elevated carbon dioxide concentrations 751
- GREEN, K.G., see Fulton, R.M. *et al.*
- GREENBERG, P.B., MARTIN, T.J. & SUTCLIFFE, H.S. Synthesis and release of parathyroid hormone by a renal carcinoma in cell culture 183
- GREENWOOD, P., see Kappagoda, C.T. *et al.*
- GRESSON, C.R., see Simpson, F.O. *et al.*
- GROSS, F., see Dauda, G. *et al.*
- GUAZZI, M., POLESE, A., FIORENTINI, C. & MAGRINI, F. Importance of the adrenergic nervous system in the support of cardiac function in patients with primary arterial hypertension 151s
- GUEST, S., see Fraser, R. *et al.*
- GUTIERREZ, L.V. & BARON, J.H. Maximum bicarbonate response to intravenous infusion of 'GIH' secretin in man 859
- GUTMAN, R.A., FORREY, A.W., FLEET, W.P. & CUTLER, R.E. Vasopressor-induced natriuresis and altered intrarenal haemodynamics in cirrhotic man 19

- HABER, E., see Poulsen, K. *et al.*
- HAGBARTH, K.-E., see Wallin, B.G. *et al.*
- HALLBÄCK, M., see Folkow, B. *et al.*
- HAMES, C.G., see Heyden, S. *et al.*
- HANSSON, L. & HUNYOR, S.N. Blood pressure over-shoot due to acute clonidine (Catapres) withdrawal: studies on arterial and urinary catecholamines and suggestions for management of the crisis 181s
- HARRIS, E.A., HUNTER, M.E., SEELYE, E.R., VEDDER, M. & WHITLOCK, R.M.L. Prediction of the physiological dead-space in resting normal subjects 375
- HARRIS, G.S., see Dusting, G.J. *et al.*
- HARRISON, B.D.W., DAVIS, J., MADGWICK, R.G. & EVANS, M. The effects of therapeutic decrease in packed cell volume on the responses to exercise of patients with polycythaemia secondary to lung disease 833
- HAYDUK, K., KRAUSE, D.K., KAUFMANN, W., HUENGES, R., SCHILLMÖLLER, U. & UNBEHAUN, V. Age-dependent changes of plasma renin concentration in humans 273s
- HAZAMA, F., see Okamoto, K. *et al.*
- HEADING, C.E., see Bouillin, D.J. *et al.*
- HENDLER, R., see Tattersall, R.B. *et al.*
- HENNING, R., see Sannerstedt, R. *et al.*
- HERBERT, R.J., BENNETT, B. & OGSTON, D. Effect of low-density lipoprotein preparations on plasmin 129
- HEYDEN, S., TYROLER, H.A., HAMES, C.G., BARTEL, A., THOMPSON, J.W., KRISHAN, I. & ROSENTHAL, T. Diet treatment of obese hypertensives 209s
- HODLER, J., see Tuckman, J. *et al.*
- HOFBAUER, K.G., see Dauda, G. *et al.*
- HOLLENBERG, N.K., ADAMS, D.F., MENDELL, P., ABRAMS, H.L. & MERRILL, J.P. Renal vascular responses to dopamine: haemodynamic and angiographic observations in normal man 733
- HOMSY, E., see Dauda, G. *et al.*
- HUENGES, R., see Hayduk, K. *et al.*
- HUMPHERY, T.J., see Bauer, G.E. & Humphery, T.J.
- HUNT, J.C., see Strong, C.G. *et al.*
- HUNTER, J.A.A., see Moore, M.R. *et al.*
- HUNTER, M.E., see Harris, E.A. *et al.*
- HUNYOR, S.N., see Hansson, L. & Hunyor, S.N.
- IJADUOLA, O., see Jaffe, P. *et al.*
- ILES, R.A., see Lloyd, M.H. *et al.*
- ITSKOVITZ, H.D., STEMPER, J., PACHOLCZYK, D. & MCGIFF, J.C. Renal prostaglandins: determinants of intrarenal distribution of blood flow in the dog 321s
- JABLONSKI, P., see Smallwood, R.A. *et al.*
- JACOBSEN, J.G., see Nielsen, I. *et al.*
- JAFFE, P., KÖNIG, P., IJADUOLA, O., WALKER, S. & GODFREY, S. Relationship between plasma cortisol and peak expiratory flow rate in exercise-induced asthma and the effect of sodium cromoglycate 533

- JEQUIER, A., see Eastman, C.J. *et al.*
- JEŽEK, V. & SCHRIJEN, F. Left ventricular function in chronic obstructive pulmonary disease with and without cardiac failure 267
- JOHNSON, B.C., KARUNAS, T.M. & EPSTEIN, F.H. Longitudinal change in blood pressure in individuals, families and social groups 35s
- JOHNSON, D.B., see Dathan, J.R.E. *et al.*
- JOHNSTON, C.I., ANAVEKAR, N., CHUA, K.G. & LOUIS, W.J. Plasma renin and angiotensin levels in human hypertension following treatment 287s
- JONES, D.R., see Simpson, F.O. *et al.*
- JORFELDT, L., see Wahren, J. & Jorfeldt, L.
- JOWETT, T.P., SLATER, J.D.H., PIYASENA, R.D. & EKINS, R.P. Radioimmunoassay of aldosterone in plasma and urine: validation of a novel separation technique and a rapid urine assay 607
- JUST, H.J., see Distler, A. *et al.*
- KAHLSON, G., see Dencker, H. *et al.*
- KAPPAGODA, C.T., GREENWOOD, P., MACARTNEY, F.J. & LINDEN, R.J. Oxygen consumption in children with congenital diseases of the heart 107
- KAPPAGODA, C.T., LINDEN, R.J., SNOW, H.M., STOKER, J.B., LEWIS, D.G. & STODDART, J.C. Measurements of the metabolic component of the acid-base status in acute clinical situations 863
- KARUNAS, T.M., see Johnson, B.C. *et al.*
- KAUFMANN, W., see Hayduk, K. *et al.*
- KAYE, M.D., STRUTHERS, J.E., JR, TIDBALL, J.S., DENIRO, E. & KERN, F., JR. Factors affecting plasma clearance of [<sup>14</sup>C]cholic acid in patients with cirrhosis 147
- KERN, F., JR, see Kaye, M.D. *et al.*
- KIMURA, T. An epidemiological study of hypertension 103s
- KINCAID-SMITH, P., FANG, P. & LAVER, M.C. A new look at the treatment of severe hypertension 75s
- KING, P.C., see Muldowney, F.P. *et al.*
- KOCKUM, I., see Dencker, H. *et al.*
- KOLSTERS, G., see Schalekamp, M.A.D.H. *et al.*
- KÖNIG, P., see Jaffe, P. *et al.*
- KOUTSAIMANIS, K.G. & TASKER, P.R.W. Rapid dehydration as a measure of the ability of the kidney to concentrate the urine: comparison with the Pitressin-dehydration test 263
- KOWALSKI, W., see Kozłowski, S. *et al.*
- KOZŁOWSKI, S., BRZEZINSKA, Z., NAZAR, K., KOWALSKI, W. & FRAN CZYK, M. Plasma catecholamines during sustained isometric exercise 723
- KRAG, E., see Wingate, D.L. *et al.*
- KRAKOFF, L.R. & MENDLOWITZ, M. Plasma renin activity and plasma renin substrate in hypertension associated with steroid excess 295s
- KRAUSE, D.K., see Hayduk, K. *et al.*
- KRAUSS, X.H., see Schalekamp, M.A.D.H. *et al.*



- KREMER, D., BEEVERS, D.G., BROWN, J.J., DAVIES, D.L., FERRISS, J.B., FRASER, R., LEVER, A.F. & ROBERTSON, J.I.S. Spironolactone and amiloride in the treatment of low renin hyperaldosteronism and related syndromes 213s
- KRIEGER, E.M., see Salgado, H.C. & Krieger, E.M.
- KRISHAN, I., see Heyden, S. *et al.*
- LANGFORD, H.G. & WATSON, R.L. Electrolytes, environment and blood pressure 111s
- LAPIDES, J., see Conn, J.W. *et al.*
- LAUER, J.D., see Wolf, R.L. *et al.*
- LAVER, M.C., see Kincaid-Smith, P. *et al.*
- LAYTON, J.M., see Lloyd, M.H. *et al.*
- LEACH, B.E., see Muirhead, E.E. *et al.*
- LEE, D.R., see Simpson, F.O. *et al.*
- LEONETTI, G., see Richardson, D. *et al.*
- LEVER, A.F., see Kremer, D. *et al.*
- LEVEY, B.R., see Wolf, R.L. *et al.*
- LEVI, A.J., see Segal, A.W. & Levi, A.J.
- LEVIN, B., see Palmer, T. *et al.*
- LEWIS, D.G., see Kappagoda, C.T. *et al.*
- LEWIS, K.O. & GOLLAN, J.L. The nature and excretion of biliary copper in man 133
- LEWIS, P.J., REID, J.L., CHALMERS, J.P. & DOLLERY, C.T. Importance of central catecholaminergic neurones in the development and maintenance of renal hypertension 115s
- LEWIS, P.J., see also Reid, J.L. *et al.*
- LINDEN, R.J., see Kappagoda, C.T. *et al.*
- LINTON, A.L., see Bailey, R.R. *et al.*
- LINTON, R.A.F., POOLE-WILSON, P.A., DAVIES, R.J. & CAMERON, I.R. A comparison of the ventilatory response to carbon dioxide by steady-state and rebreathing methods during metabolic acidosis and alkalosis 239
- LLOYD, M.H., ILES, R.A., SIMPSON, B.R., STRUNIN, J.M., LAYTON, J.M. & COHEN, R.D. The effect of simulated metabolic acidosis on intracellular pH and lactate metabolism in the isolated perfused rat liver 543
- LÖKEN, H., see Storm-Mathisen, H. *et al.*
- LOUIS, W.J., DOYLE, A.E., ANAVEKAR, S.N. & CHUA, K.G. Sympathetic activity and essential hypertension 119s
- LOUIS, W.J., see also Johnston, C.I. *et al.*
- LOVELL, R.R.H., see Prineas, R.J. *et al.*
- LOWE, D.C., see Allen, J.A. *et al.*
- LUCAS, C.P., see Conn, J.W. *et al.*
- LUFF, R.H., see Allison, E.S. *et al.*; see also Cranston, W.I. *et al.*
- LUFT, R., see Tattersall, R.B. *et al.*
- LUKE, R.G., see Simon, D. & Luke, R.G.
- LUND, J.O. Oral contraceptives and hypertension 317s
- LUND-JOHANSEN, P. Haemodynamic changes in long-term therapy of essential hypertension: a comparative study of diuretics,  $\alpha$ -methyl dopa and clonidine 199s

- LYNCH, S.R., SIMON, M., BOTHWELL, T.H. & CHARLTON, R.W. Circadian variation in plasma iron concentration and reticuloendothelial iron release in the rat 331
- MACARTNEY, F.J., see Kappagoda, C.T. *et al.*
- MADGWICK, R.G., see Harrison, B.D.W. *et al.*
- MAGRINI, F., see Guazzi, M. *et al.*
- MALAN, E., see Ruberti, U. *et al.*
- MALOFIEJEW, M. The plasma kinin-forming system in labour 429
- MANCINI, M., see Myant, N.B. *et al.*
- MANTERO, F., ARMANINI, D. & URBANI, S. Antihypertensive effect of spironolactone in essential, renal and mineralocorticoid hypertension 219s
- MARRS, T.C., see Silk, D.B.A. *et al.*
- MARTIN, T.J., see Greenberg, P.B. *et al.*
- MASAKI, Z., see Arakawa, K. *et al.*
- MATTHEWS, D.M., see Silk, D.B.A. *et al.*
- MAYOR, G.H., see Conn, J.W. *et al.*
- MCCLOSKEY, D.I. The effects of pre-existing loads upon detection of externally applied resistances to breathing in man 561
- MCDONALD, W.J., see Conn, J.W. *et al.*
- MCDUGALL, J.G., see Scoggins, B.A. *et al.*
- MCGIFF, J.C., see Itskovitz, H.D. *et al.*
- MEININGER, TH., see Schalekamp, M.A.D.H. *et al.*
- MEKHJIAN, H.S., see Wingate, D.L. *et al.*
- MENDELL, P., see Hollenberg, N.K. *et al.*
- MENDLOWITZ, M., see Krakoff, L.R. & Mendlowitz, M.
- MERRILL, J.P., see Hollenberg, N.K. *et al.*
- MESSERLI, F., see Tuckman, J. *et al.*
- MEYER, P., see Angèles d'Auriac, G. & Meyer, P.
- MIALL, W.E. & CHINN, S. Blood pressure and ageing; results of a 15-17 year follow-up study in South Wales 23s
- MIKSCHKE, U., see Dauda, G. *et al.*
- MILLER, J.P., see Thompson, G.R. & Miller, J.P.
- MILLER, N.E. & NESTEL, P.J. Altered bile acid metabolism during treatment with phenobarbitone 257
- MILLS, G.L., see Reichl, D. *et al.*
- MILNE, M.D., see Asatoor, A.M. *et al.*
- MITCHELL, R.G., see Thom, H. *et al.*
- MÖHRING, J., see Dauda, G. *et al.*
- MOMOSE, S., see Arakawa, K. *et al.*
- MOORE, M.R., THOMPSON, G.G., ALLEN, B.R., HUNTER, J.A.A. & PARKER, S. Plasma porphyrin concentrations in porphyria cutanea tarda 711
- MORRIS, J.E.W., see Gray, S.P. *et al.*
- MOTOLESE, M., see Muiesan, G. *et al.*
- MOUTAFIS, C.D., see Myant, N.B. *et al.*

- MUIESAN, G., MOTOLESE, M. & COLOMBI, A. Hypotensive effect of oxyproprenolol in mild hypertension: a co-operative controlled study 163s
- MUIRHEAD, E.E., LEACH, B.E. & ARMSTRONG, F.B. Angiotensin-salt hypertension 257s
- MULDOWNEY, F.P., BODDY, K., KING, P.C., WOMERSLEY, J. & DURNIN, J.V.G.A. Body potassium and fat-free mass 865
- MULROW, P.J., see Zusman, R.M. *et al.*
- MYANT, N.B., BALASUBRAMANIAM, S., MOUTAFIS, C.D., MANCINI, M. & SLACK, J. Turnover of cholesteryl esters in plasma low-density and high-density lipoproteins in familial hyperbetalipoproteinaemia 551
- MYANT, N.B., see also Reichl, D. *et al.*
- NABARRO, J.D.N., see Sönksen, P.H. *et al.*
- NATALE, R., see Bailey, R.R. *et al.*
- NAZAR, K., see Kozłowski, S. *et al.*
- NESTEL, P.J., see Miller, N.E. & Nestel, P.J.
- NIELSEN, I., JACOBSEN, J.G. & OLESEN, K.H. On the pathogenesis of the secondary hyperaldosteronism of the Bartter syndrome 301s
- NORRYD, C., see Dencker, H. *et al.*
- NOSAKA, S., see Okamoto, K. *et al.*
- OBERHOLZER, V.G., see Palmer, T. *et al.*
- ODDIE, C.J., see Scoggins, B.A. *et al.*
- OGSTON, D., see Herbert, R.J. *et al.*; see also Rawles, J.M. *et al.*
- OKAMOTO, K., YAMORI, Y., NOSAKA, S., OOSHIMA, A. & HAZAMA, F. Studies on hypertension in spontaneously hypertensive rats 11s
- OLESEN, K.H., see Nielsen, I. *et al.*
- OOSHIMA, A., see Okamoto, K. *et al.*
- ORTH, H., see Dauda, G. *et al.*
- OSADA, Y., see Arakawa, K. *et al.*
- OWEN, D., see Cranston, W.I. *et al.*
- OWEN, K. Results of surgical treatment in comparison with medical treatment of renovascular hypertension 95s
- PACHOLCZYK, D., see Itskovitz, H.D. *et al.*
- PALMER, T., ROSSITER, M.A., LEVIN, B. & OBERHOLZER, V.G. The effect of protein loads on plasma amino acid levels 827
- PARKER, S., see Moore, M.R. *et al.*
- PARSONS, F.M., see Young, G.A. & Parsons, F.M.
- PAWSEY, C.G.K., see Gordon, R.D. *et al.*
- PEART, W.S. Results of medical versus surgical treatment of renovascular hypertension 89s
- PEART, W.S. The organization of a multi-centre randomized control therapeutic trial for mild to moderate hypertension 67s
- PELLING, D., see Bouillin, D.J. *et al.*
- PEREIRA, S.M. & BEGUM, A. Retention of a single oral massive dose of vitamin A 233
- PERLOFF, D., see Sokolow, M. *et al.*
- PERRETT, D., see Silk, D.B.A. *et al.*

- PETERS, T.J. The hydrolysis of glycine oligopeptides by guinea-pig intestinal mucosa and by isolated brush borders 803
- PFLUG, J.J., see Reichl, D. *et al.*
- PHELAN, E.L., see Simpson, F.O. *et al.*
- PHILIPP, TH., see Distler, A. *et al.*
- PHILLIPS, S.F., see Wingate, D.L. *et al.*
- PICKERING, G. The First Volhard Lecture: Franz Volhard, 1872-1972 1s
- PINEDO, H.M., DE GRAEFF, J. & STRUYVENBERG, A. Prognosis in arteriosclerotic renovascular hypertension 305s
- PIYASENA, R.D., see Jowett, T.P. *et al.*
- POHL, J.E.F., see Thurston, H. *et al.*
- POLESE, A., see Guazzi, M. *et al.*
- POOLER, W., see Vinik, A.I. & Pooler, W.
- POOLE-WILSON, P.A., see Linton, R.A.F. *et al.*
- POULSEN, K., BURTON, J.A. & HABER, E. Synthesis of renin inhibitors 239s
- PRENTICE, C.R.M., see Thomson, C. *et al.*
- PRINEAS, R.J., STEPHENS, W.B. & LOVELL, R.R.H. Early consequences of screening for hypertension in a community 47s
- PROSSER, D.I., see Asatoor, A.M. *et al.*
- PYKE, D.A., see Tattersall, R.B. *et al.*
- RADICE, M., see Bianchi, G. *et al.*
- RAMPLING, M.W. & SIRIS, J.A. The rate of sickling of cells containing sickle-cell haemoglobin 655
- RAND, M.J., see Dusting, G.J. *et al.*
- RAWLES, J.M., OGSTON, D. & DOUGLAS, A.S. Studies on the blood fibrinolytic system in congestive cardiac failure 65
- RAWLINS, M.D., see Allison, E.S. *et al.*; see also Cranston, W.I. *et al.*
- RECORD, C.O., ALBERTI, K.G.M.M., WILLIAMSON, D.H. & WRIGHT, R. Glucose tolerance and metabolic changes in human viral hepatitis 677
- REICHEL, J., see Berkowitz, H. *et al.*
- REICHL, D., SIMONS, L.A., MYANT, N.B., PFLUG, J.J. & MILLS, G.L. The lipids and lipoproteins of human peripheral lymph, with observations on the transport of cholesterol from plasma and tissues into lymph 313
- REID, J.L., LEWIS, P.J. & DOLLERY, C.T. Central and peripheral mechanisms in the maintenance of experimental hypertension in the rabbit 701
- REID, J.L., see also Lewis, P.J. *et al.*
- REUBI, F., see Tuckman, J. *et al.*
- RIAN, U., see Storm-Mathisen, H. *et al.*
- RICHARDSON, D., STELLA, A., LEONETTI, G., BARTORELLI, A. & ZANCHETTI, A. Renin release and renal vasomotor changes during stimulation of the brain stem in the cat 243s
- RICHARDSON, J.E., see Thom, H. *et al.*
- ROBERTS, N.B. & TAYLOR, W.H. The inactivation by carbenoxolone of individual human pepsinogens and pepsins 213
- ROBERTSON, J.I.S., see Kremer, D. *et al.*

- ROBINSON, P.M., see Scoggins, B.A. *et al.*
- RODDIE, I.C., see Allen, J.A. *et al.*
- ROJO-ORTEGA, J.M., YEGHIAYAN, E. & GENEST, J. The thymus of spontaneously hypertensive rats: light- and electron-microscopic studies 141s
- RORIVE, G.L.F.J. & VAN CAUWENBERGE, H. Ionic composition of arterial wall in experimental hypertension 305s
- ROSENGREN, E., see Dencker, H. *et al.*
- ROSENTHAL, T., see Heyden, S. *et al.*
- ROSSET, E., SCHERRER, J.R. & VEYRAT, R. Increased plasma renin substrate concentrations in human malignant hypertension 291s
- ROSSITER, M.A., see Palmer, T. *et al.*
- RUBERTI, U., VEGETO, A. & MALAN, E. Improved technique for aorto-renal reconstruction: a haemodynamic approach 315s
- RUSSELL, R.I., ALLAN, J.G., GERSKOWITCH, V.P. & COCHRAN, K.M. The effect of conjugated and unconjugated bile acids on water and electrolyte absorption in the human jejunum 301
- SALGADO, H.C. & KRIEGER, E.M. Reversibility of baroreceptor adaptation in chronic hypertension 123s
- SALVETTI, A., ARZILLI, F. & ZUCHELLI, G.C. The effect of clonidine on plasma renin activity in human hypertension 185s
- SANNERSTEDT, R., WASIR, H., HENNING, R. & WERKÖ, L. Systemic haemodynamics in mild arterial hypertension before and after physical training 145s
- SCHALEKAMP, M.A.D.H., KRAUSS, X.H., KOLSTERS, G., SCHALEKAMP, M.P.A. & BIRKENHÄGER, W.H. Renin suppression in hypertension in relation to body fluid volumes, patterns of sodium excretion and renal haemodynamics 283s
- SCHALEKAMP, M.A.D.H., SCHALEKAMP-KUYKEN, M.P.A., DE MOOR-FRUYTIER, M., MEININGER, TH., VAANDRAGER-KRANENBURG, D.J. & BIRKENHÄGER, W.H. Interrelationships between blood pressure, renin, renin substrate and blood volume in terminal renal failure 417
- SCHALEKAMP, M.P.A., see Schalekamp, M.A.D.H. *et al.*
- SHALEKAMP-KUYKEN, M.P.A., see Schalekamp, M.A.D.H. *et al.*
- SCHERRER, J.R., see Rosset, E. *et al.*
- SCHILLMÖLLER, U., see Hayduk, K. *et al.*
- SCHLETTER, F.E., see Streeten, D.H.P. *et al.*
- SCHNEIDER, G., see Zusman, R.M. *et al.*
- SCHRIJEN, F., see Ježek, V. & Schrijen, F.
- SCOGGINS, B.A., COGLAN, J.P., CRAN, E.J., DENTON, D.A., FAN, S.K., McDOUGALL, J.G., ODDIE, C.J., ROBINSON, P.M. & SHULKES, A.A. Experimental studies on the mechanism of adrenocorticotrophic hormone-induced hypertension in the sheep 269s
- SCOTT, J.M., see Weir, D.G. *et al.*
- SEELYE, E.R., see Harris, E.A. *et al.*
- SEGAL, A.W. & LEVI, A.J. The mechanism of the entry of dye into neutrophils in the Nitroblue Tetrazolium (NBT) test 817
- SHAPIRO, A.P., see Ulrych, M. *et al.*

- SHIM, C., see Berkowitz, H. *et al.*
- SHULKES, A.A., see Scoggins, B.A. *et al.*
- SILK, D.B.A., MARRS, T.C., ADDISON, J.M., BURSTON, D., CLARK, M.L. & MATTHEWS, D.M. Absorption of amino acids from an amino acid mixture simulating casein and a tryptic hydrolysate of casein in man 715
- SILK, D.B.A., PERRETT, D. & CLARK, M.L. Intestinal transport of two dipeptides containing the same two neutral amino acids in man 291
- SIMON, D. & LUKE, R.G. Polymorphonuclear leucocytosis and lymphopenia in acute renal failure and metabolic acidosis in the rat 397
- SIMON, M., see Lynch, S.R. *et al.*
- SIMONS, L.A., see Reichl, D. *et al.*
- SIMPSON, B.R., see Lloyd, M.H. *et al.*
- SIMPSON, F.O., PHELAN, E.L., CLARK, D.W.J., JONES, D.R., GRESSON, C.R., LEE, D.R. & BIRD, D.L. Studies on the New Zealand strain of genetically hypertensive rats 15s
- SIRS, J.A., see Rampling, M.W. & Sirs, J.A.
- SKINNER, S.L., see Campbell, D.J. *et al.*
- SLACK, J., see Myant, N.B. *et al.*
- SLATER, J.D.H., see Jowett, T.P. *et al.*
- SMALLWOOD, R.A., JABLONSKI, P. & WATTS, J.McK. Bile acid synthesis in the developing sheep liver 403
- SNOW, H.M., see Kappagoda, C.T. *et al.*
- SOKOLOW, M., PERLOFF, D. & COWAN, R. The value of portably recorded blood pressures in the initiation of treatment of moderate hypertension 195s
- SÖNKSEN, P.H., TOMPKINS, C.V., SRIVASTAVA, M.C. & NABARRO, J.D.N. A comparative study on the metabolism of human insulin and porcine proinsulin in man 633
- SOUMA, M., see Streeten, D.H.P. *et al.*
- SPELLER, P.J., see Streeten, D.H.P. *et al.*
- SPEROFF, L., see Zusman, R.M. *et al.*
- SRIVASTAVA, M.C., see Sönksen, P.H. *et al.*
- STELLA, A., see Richardson, D. *et al.*
- STEMPER, J., see Itskovitz, H.D. *et al.*
- STEPHENS, W.B., see Prineas, R.J. *et al.*
- STEVENSON, C.T., see Streeten, D.H.P. *et al.*
- STODDART, J.C., see Kappagoda, C.T. *et al.*
- STOKER, J.B., see Kappagoda, C.T. *et al.*
- STORM-MATHISEN, H., LÖKEN, H. & RIAN, U. Complications in treated arterial hypertension 205s
- STREETEN, D.H.P., DALAKOS, T.G., SOUMA, M., FELLERMAN, H., CLIFT, G.V., SCHLETTER, F.E., STEVENSON, C.T. & SPELLER, P.J. Studies of the pathogenesis of idiopathic oedema: the roles of postural changes in plasma volume, plasma renin activity, aldosterone secretion rate and glomerular filtration rate in the retention of sodium and water 347
- STRONG, C.G., TAPIA, H.R. & HUNT, J.C. Metabolism of renin activity in three canine models: isolated liver, acute hepatic necrosis and chronic toxic hepatitis 229s
- STRUNIN, J.M., see Lloyd, M.H. *et al.*

- STRUTHERS, J.E., JR, see Kaye, M.D. *et al.*
- STRUYVENBERG, A., see Pinedo, H.M. *et al.*
- SUTCLIFFE, H.S., see Greenberg, P.B. *et al.*
- SWALES, J.D. & THURSTON, H. Generation of angiotensin II at peripheral vascular level: studies using angiotensin II antisera 691
- SWALES, J.D., see also Thurston, H. *et al.*
- SYMONDS, E.M., see Gordon, R.D. *et al.*
- TAPIA, H.R., see Strong, C.G. *et al.*
- TASKER, P.R.W., see Koutsaimanis, K.G. & Tasker, P.R.W.
- TATTERSALL, R.B., PYKE, D.A., WAHREN, J., FELIG, P., CERASI, E., LUFT, R. & HENDLER, R. Splanchnic glucose production and its regulation in healthy monozygotic twins of diabetics 721
- TAUBER, J., see Ulrych, M. *et al.*
- TAVILL, A.S., see England, J.M. *et al.*
- TAYLOR, M.R.H. The ventilatory response to hypoxia during exercise in cyanotic congenital heart disease 99
- TAYLOR, W.H., see Roberts, N.B. & Taylor, W.H.
- THOM, H., RICHARDSON, J.E. & MITCHELL, R.G. The urinary excretion of 1-methylimidazole-4-acetic acid, a histamine metabolite, by healthy and asthmatic children 193
- THOMPSON, G.G., see Moore, M.R. *et al.*
- THOMPSON, G.R. & MILLER, J.P. Plasma lipid and lipoprotein abnormalities in patients with malabsorption 583
- THOMPSON, J.W., see Heyden, S. *et al.*
- THOMSON, C., FORBES, C.D. & PRENTICE, C.R.M. The potentiation of platelet aggregation and adhesion by heparin *in vitro* and *in vivo* 485
- THURSTON, H., POHL, J.E.F. & SWALES, J.D. The effect of oral diazoxide on hypertension and sodium excretion in chronic renal failure 175s
- THURSTON, H., see also Swales, J.D. & Thurston, H.
- TIDBALL, J.S., see Kaye, M.D. *et al.*
- TOMPKINS, C.V., see Sönksen, P.H. *et al.*
- TUCKMAN, J., BENNINGER, J.-L. & REUBI, F. Haemodynamic and blood volume studies in long-term haemodialysis patients, and in patients with successfully transplanted kidneys 155s
- TUCKMAN, J., MESSERLI, F. & HODLER, J. Treatment of hypertension with large doses of the  $\beta$ -adrenergic blocking drug oxyprenolol, alone, and in combination with the vasodilator dihydralazine 159s
- TURNBULL, D.I., see Bailey, R.R. *et al.*
- TYROLER, H.A., see Heyden, S. *et al.*
- UEDA, H. Effect of high-salt, high-carbohydrate, low-protein diet on hypertension in the rat 99s
- ULRYCH, M. Plasma volume decrease and elevated Evans Blue disappearance rate in essential hypertension 173

- ULRYCH, M., TAUBER, J. & SHAPIRO, A.P. Long-term study of relationships between blood pressure, age and body weight in steelmill workers 107s
- UNBEHAUN, V., see Hayduk, K. *et al.*
- URBANI, S., see Mantero, F. *et al.*
- VAANDRAGER-KRANENBURG, D.J., see Schalekamp, M.A.D.H. *et al.*
- VAN CAUWENBERGE, H., see Rorive, G.L.F.J. & VAN CAUWENBERGE, H.
- VAN YPERSELE DE STRIHOU, C. & FRANS, A. The respiratory response to chronic alkalosis and acidosis in disease 439
- VEDDER, M., see Harris, E.A. *et al.*
- VEGETO, A., see Ruberti, U. *et al.*
- VERGALLA, J., see Bloomer, J.R. *et al.*
- VEYRAT, R., see Rosset, E. *et al.*
- VINIK, A.I. & POOLER, W. Carbohydrate metabolism in patients with primary hepatocellular carcinoma 387
- WAHREN, J. & JORFELDT, L. Determination of leg blood flow during exercise in man: an indicator-dilution technique based on femoral venous dye infusion 135
- WAHREN, J., see also Tattersall, R.B. *et al.*
- WAITE, M.A. Measurement of concentrations of angiotensin I in human blood by radioimmunoassay 51
- WALKER, S., see Jaffe, P. *et al.*
- WALLACE, W.F.M., see Allen, J.A. *et al.*
- WALLEVIK, K. Spontaneous denaturation as a possible initial step in the breakdown of serum albumin *in vivo* 665
- WALLIN, B.G., DELIUS, W. & HAGBARTH, K.-E. Sympathetic activity in peripheral nerves of normo- and hypertensive subjects 127s
- WARDLE, E.N. A study of intravascular coagulation in immune complex glomerulonephritis by use of <sup>131</sup>I-labelled fibrinogen and <sup>125</sup>I-labelled antigen 35
- WASIR, H., see Sannerstedt, R. *et al.*
- WATTS, J.MCK., see Smallwood, R.A. *et al.*
- WATSON, R.L., see Langford, H.G. & Watson, R.L.
- WEIR, D.G., BROWN, J.P., FREEDMAN, D.S. & SCOTT, J.M. The absorption of the diastereoisomers of 5-methyltetrahydropteroylglutamate in man: a carrier-mediated process 625
- WEISS, L., see Folkow, B. *et al.*
- WERKÖ, L., see Sannerstedt, R. *et al.*
- WHITLOCK, R.M.L., see Harris, E.A. *et al.*
- WILKINSON, R., see Gallagher, J.C. & Wilkinson, R.
- WILLIAMS, E.S., see Eastman, C.J. *et al.*
- WILLIAMSON, D.H., see Record, C.O. *et al.*
- WILMSHURST, E.G., see Gordon, R.D. *et al.*
- WINGATE, D.L., KRAG, E., MEKHJIAN, H.S. & PHILLIPS, S.F. Relationships between ion and water movement in the human jejunum, ileum and colon during perfusion with bile acids 593
- WOLF, R.L., GHERMAN, C.E., LAUER, J.D., FISH, H.L. & LEVEY, B.R. A new urinary



- assay for separate normetanephrine and metanephrine with application for the diagnosis of phaeochromocytoma 263s
- WOMERSLEY, J., see Muldowney, F.P. *et al.*
- WRIGHT, M.O. Maximum motor nerve conduction velocity in XYY males 337
- WRIGHT, R., see Record, C.O. *et al.*
- YAMADA, J., see Arakawa, K. *et al.*
- YAMORI, Y., see Okamoto, K. *et al.*
- YEGHIAYAN, E., see Rojo-Ortega, J.M. *et al.*
- YOUNG, G.A. & PARSONS, F.M. Impairment of phenylalanine hydroxylation in chronic renal insufficiency 89
- YOUNG, J., see Fraser, R. *et al.*
- ZANCHETTI, A., see Richardson, D. *et al.*
- ZUCHELLI, G.C., see Salvetti, A. *et al.*
- ZUSMAN, R.M., FORMAN, B.H., SCHNEIDER, G., CALDWELL, B.V., SPEROFF, L. & MULROW, P.J. The effect of chronic sodium loading and sodium restriction on plasma and renal concentrations of prostaglandin A in normal Wistar and spontaneously hypertensive Aoki rats 325s

### ERRATA

- HARRIS, E.A., HUNTER, M.E., SEELYE, E.R., VEDDER, M. & WHITLOCK, R.M.L. (1973) Prediction of the physiological dead-space in resting normal subjects. *Clinical Science and Molecular Medicine*, **45**, 375–386.
- Page 385, line 6. The single-sided intervals and their confidence values should read:
- | <i>P</i>      | <0.05 | 0.025 | 0.01 | 0.005 | 0.0025 | 0.001 | 0.0005 |
|---------------|-------|-------|------|-------|--------|-------|--------|
| Interval (ml) | 41    | 49    | 58   | 64    | 70     | 76    | 83     |
- COLLINS, J.V., COCHRANE, G.M., DAVIS, J., BENATAR, S.R. & CLARK, T.J.H. (1973) Some aspects of pulmonary function after rapid saline infusion in healthy subjects. *Clinical Science and Molecular Medicine*, **45**, 407–410.
- Page 408. The second sentence of the first paragraph of 'Subjects and Methods' should read: "Measurements of . . . and total lung capacity (TLC) was measured by the helium dilution method. 'Closing volume' was measured with <sup>133</sup>Xenon as that lung volume . . .".
- JOWETT, T.P., SLATER, J.D.H., PIYASENA, R.D. & EKINS, R.P. (1973) Radioimmunoassay of aldosterone in plasma and urine: validation of a novel separation technique and a rapid urine assay. *Clinical Science and Molecular Medicine*, **45**, 607–623.
- Page 610, Fig. 1. The third step in (a) and the fourth step in (b) should read: 'Wash with NaOH (0.05 mol/l), HA $\bar{c}$  (0.1 mol/l), H<sub>2</sub>O'.
- Page 619, Table 4. The entries in the lower part of the 'Mean' column should read: '290, 584' and '235, 332'.
- LUND-JOHANSEN, P. (1973) Haemodynamic changes in long-term therapy of essential hypertension: a comparative study of diuretics,  $\alpha$ -methyl dopa and clonidine. *Clinical Science and Molecular Medicine*, **45**, 199s–203s. (Proceedings of International Society of Hypertension).
- Page 201s, Table 1. The penultimate column heading should be 'TPRI' (not 'HR') and the footnote should read 'TPRI is expressed as dyn s cm<sup>-5</sup> m<sup>-2</sup>'.

# SUBJECT INDEX

Page numbers in Supplement No. 1 are distinguished by s.

- Absorption, intestinal, of dipeptides containing glycine, phenylalanine, proline,  $\beta$ -alanine or histidine in the rat BOUILLIN, D.J., CRAMPTON, R.F., HEADING, C.E. & PELLING, D. 849-858
- Absorption, intestinal, of stereoisomers of dipeptides in the rat ASATOOR, A.M., CHADHA, A., MILNE, M.D. & PROSSER, D.I. 199-212
- Acid-base balance, respiratory response to chronic alteration of, in disease VAN YPERSELE DE STRIHOU, C. & FRANS, A. 439-448
- Acid-base status, measurements of metabolic component of, in acute clinical situations KAPPAGODA, C.T., LINDEN, R.T., SNOW, H.M., STOKER, J.B., LEWIS, D.G. & STODDART, J.C. 863-865
- Acidosis, metabolic, lymphopenia and polymorphonuclear leucocytosis in acute renal failure in the rat SIMON, D. & LUKE, R.G. 397-402
- Acidosis, metabolic, measurement of ventilatory response to carbon dioxide during, by steady-state and rebreathing methods LINTON, R.A.F., POOLE-WILSON, P.A., DAVIES, R.J. & CAMERON, I.R. 239-249
- Acidosis, metabolic, simulated, effect of, on intracellular pH and lactate metabolism in isolated perfused rat liver LLOYD, M.H., ILES, R.A., SIMPSON, B.R., STRUNIN, J.M., LAYTON, J.M. & COHEN, R.D. 543-549
- Adenosine triphosphatase, ouabain-sensitive, decreased activity of, in the erythrocyte membrane of patients with chronic renal disease COLE, C.H. 775-784
- Adenylcyclase, effects of angiotensin II on the activity of, in rat uterus ANGÈLES D'AURIAC, G. & MEYER, P. 247s-250s
- Adrenaline and noradrenaline, plasma, in patients with thyrotoxicosis and myxoedema CHRISTENSEN, N.J. 163-171
- Adrenergic nervous system, importance of, in support of cardiac function in patients with primary arterial hypertension GUAZZI, M., POLESE, A., FIORENTINI, C. & MAGRINI, F. 151s-154s
- Adrenocorticotrophic hormone, mechanism of hypertension induced by, in sheep SCOGGINS, B.A., COGHLAN, J.P., CRAN, E.J., DENTON, D.A., FAN, S.K., MCDOUGALL, J.G., ODDIE, C.J., ROBINSON, P.M. & SHULKES, A.A. 269s-271s
- Ageing, blood pressure and MIALL, W.E. & CHINN, S. 23s-33s
- Airways resistance, perception of externally applied changes in, by normal subjects MCCLOSKEY, D.I. 561-564
- Albumin, influence of, on extravascular distribution of unconjugated bilirubin BLOOMER, J.R., BERK, P.D., VERGALLA, J. & BERLIN, N.I. 517-526
- Albumin, influence of, on hepatic uptake of unconjugated bilirubin BLOOMER, J.R., BERK, P.D., VERGALLA, J. & BERLIN, N.I. 505-516
- Albumin, serum, spontaneous denaturation and breakdown *in vivo* of WALLEVIK, K. 665-675
- Aldosterone, mechanism in man of induction of hypertension by DISTLER, A., JUST, H.J. & PHILLIPP, T. 743-750

- Aldosterone, plasma, concentration of, measured by radioimmunological and double-isotope derivative methods in man FRASER, R., GUEST, S. & YOUNG, J. 411-415
- Aldosterone, radioimmunoassay of, in plasma and urine JOWETT, T.P., SLATER, J.D.H., PIYASENA, R.D. & EKINS, R.P. 607-623
- Aldosterone, role of, in the pathogenesis of idiopathic oedema STREETEN, D.H.P., DALAKOS, T.G., SOUMA, M., FELLERMAN, H., CLIFT, G.V., SCHLETTER, F.E., STEVENSON, C.T. & SPELLER, P.J. 347-373
- Alkalosis, metabolic, measurement of ventilatory response to carbon dioxide during, by steady-state and rebreathing methods LINTON, R.A.F., POOLE-WILSON, P.A., DAVIES, R.J. & CAMERON, I.R. 239-249
- Amiloride, treatment of low-renin hyperaldosteronism and related syndromes with, and spironolactone KREMER, D., BEEVERS, D.G., BROWN, J.J., DAVIES, D.L., FERRISS, J.B., FRASER, R., LEVER, A.F. & ROBERTSON, J.I.S. 213s-218s
- Amino acids, absorption of, in man from a simulated casein and tryptic hydrolysate of casein SILK, D.B.A., MARRS, T.C., ADDISON, J.M., BURSTON, D., CLARK, M.L. & MATTHEWS, D.M. 715-719
- Amino acids, intestinal absorption of dipeptides of, in the rat BOUILLIN, D.J., CRAMPTON, R.F., HEADING, C.E. & PELLING, D. 849-858
- Amino acids, plasma, effect of protein loads on concentrations of PALMER, T., ROSSITER, M.A., LEVIN, B. & OBERHOLZER, V.G. 827-832
- Angiotensin I, measurement of concentrations of, in human blood by radioimmunoassay WAITE, M.A. 51-64
- Angiotensin II, effects of, on adenylcyclase and phosphodiesterase activities and on the level of cyclic AMP in rat uterus ANGÈLES D'AURIAC, G. & MEYER, P. 247s-250s
- Angiotensin II, generation of, in the peripheral vasculature SWALES, J.D. & THURSTON, H. 691-700
- Angiotensin II, metabolic clearance rate of, in arterial hypertension COLI, A. & DONATO, L. 235s-238s
- Angiotensin, plasma, levels of, and renin after treatment of human hypertension JOHNSON, C.I., ANAVEKAR, N., CHUA, K.G. & LOUIS, W.J. 287s-290s
- Angiotensin, renin and electrolytes in normal and toxæmic pregnancy GORDON, R.D., SYMONDS, E.M., WILMSHURST, E.G. & PAWSEY, C.G.K. 115-127
- Angiotensin-salt hypertension MUIRHEAD, E.E., LEACH, B.E. & ARMSTRONG, F.B. 257s-261s
- $\alpha_1$ -Antitrypsin, measurement of, in congestive cardiac failure RAWLES, J.M., OGSTON, D. & DOUGLAS, A.S. 65-76
- Arteriosclerosis, prognosis in renovascular hypertension due to PINEDO, H.M., DE GRAEFF, J. & STRUYVENBERG, A. 309s-310s
- Artery wall, ionic composition of, in experimental hypertension RORIVE, G.L.F.J. & VAN CAUWENBERGE, H. 305s-308s
- Asthma, child, methylation pathway of histamine metabolism in THOM, H., RICHARDSON, J.E. & MITCHELL, R.G. 193-198
- Asthma, exercise-induced, effect of sodium cromoglycate and the relationship between plasma cortisol and peak expiratory flow rate in JAFFE, P., KÖNIG, P., IJADUOLA, O., WALKER, S. & GODFREY, S. 533-541

- Baroreceptor, reversibility of adaptation of, in chronic hypertension SALGADO, H.C. & KREIGER, E.M. 123s-126s
- Bartter syndrome, pathogenesis of secondary hyperaldosteronism of NIELSEN, I., JACOBSEN, J.G. & OLESEN, K.H. 301s-304s
- Bile acids, clearance of, in patients with cirrhosis KAYE, M.D., STRUTHERS, J.E., JR, TIDBALL, J.S. DENIRO, E. & KERN, F., JR 147-161
- Bile acids, effect of, on water and electrolyte absorption in the human jejunum RUSSELL, R.I., ALLAN, J.G., GERSKOWITCH, V.P. & COCHRAN, K.M. 301-311
- Bile acid, effect of phenobarbitone on, and cholesterol metabolism MILLER, N.E. & NESTEL, P.J. 257-262
- Bile acids, relationships between ion and water movement in the human intestine during perfusion with WINGATE, D.L., KRAG, E., MEKHJIAN, H.S. & PHILLIPS, S.F. 593-606
- Bile acids, synthesis of, in developing sheep liver SMALLWOOD, R.A., JABLONSKI, P. & WATTS, J.McK. 403-406
- Bilirubin, unconjugated, influence of albumin on the extravascular distribution of BLOOMER, J.R., BERK, P.D., VERGALLA, J. & BERLIN, N.I. 517-526
- Bilirubin, unconjugated, influence of albumin on the hepatic uptake of BLOOMER, J.R., BERK, P.D., VERGALLA, J. & BERLIN, N.I. 505-516
- Blood flow, leg, human, measurement of, during exercise by an indicator-dilution technique WAHREN, J. & JORFELDT, L. 135-146
- Blood, human, measurement of angiotensin I concentrations in, by radioimmunoassay WAITE, M.A. 51-64
- Blood pressure and ageing MIALL, W.E. & CHINN, S. 23s-33s
- Blood pressure, electrolytes, environment and LANGFORD, H.G. & WATSON, R.L. 111s-113s
- Blood pressure, longitudinal change in, in individuals, families and social groups JOHNSON, B.C., KARVNAS, T.M. & EPSTEIN, F.H. 35s-45s
- Blood-pressure 'overshoot', arterial and urinary catecholamines in, due to acute clonidine withdrawal HANSSON, L. & HUNYOR, S.N. 181s-183s
- Blood pressure, portably recorded, value of, in the initiation of treatment of moderate hypertension SOKOLOW, M., PERLOFF, D. & COWAN, R. 195s-198s
- Blood pressure, relationships between age, body weight and, in steelmill workers ULRYCH, M., TAUBER, J. & SHAPIRO, A.P. 107s-110s
- Blood pressure, relationship between, and body fluid compartment volumes and renin activity in chronic renal failure DATHAN, J.R.E., JOHNSON, D.B. & GOODWIN, F.J. 77-88
- Blood volume, hypertension, renin and renin substrate in terminal renal failure SCHALEKAMP, M.A.D.H., SCHALEKAMP-KUYKEN, M.P.A., DE MOOR-FRUYTIER, M., MEININGER, TH., VAANDRAGER-KRANENBURG, D.J. & BIRKENHÄGER, W.H. 417-428
- Brain stem, cat, renin release and renal vasomotor changes during stimulation of RICHARDSON, D., STELLA, A., LEONETTI, G., BARTORELLI, A. & ZANCHETTI, A. 243s-246s
- Breathing, effects of pre-existing loads on the detection of externally applied resistances to, in man McCLOSKEY, D.I. 561-564
- Brush borders, isolated, hydrolysis of glycine oligopeptides by guinea-pig intestinal mucosa and by PETERS, T.J. 803-816
- Calcium, effect of ethinyloestradiol on metabolism of, and phosphorus in post-menopausal

- women with primary hyperparathyroidism GALLAGHER, J.C. & WILKINSON, R. 785-802
- Carbenoxolone, inactivation by, of human pepsinogens and pepsins ROBERTS, N.B. & TAYLOR, W.H. 213-224
- Carbohydrate, metabolism of, in patients with primary hepatocellular carcinoma VINIK, A.I. & POOLER, W. 387-396
- Carbon dioxide, renal handling of calcium, magnesium, inorganic phosphate and hydrogen ions during prolonged exposure to elevated concentrations of GRAY, S.P., MORRIS, J.E.W. & BROOKS, C.J. 751-764
- Carbon dioxide, ventilatory response to, during metabolic acidosis and alkalosis measured by steady-state and rebreathing methods LINTON, R.A.F., POOLE-WILSON, P.A., DAVIES, R.J. & CAMERON, I.R. 239-249
- Carcinoma, renal, ectopic parathyroid hormone production by GREENBERG, P.B., MARTIN, T.J. & SUTCLIFFE, H.S. 183-191
- Carcinoma, renal, studies of the pathogenesis of fever in CRANTON, W.I., LUFF, R.H., OWEN, D. & RAWLINS, M.D. 459-467
- Cardiac failure, congestive, studies on blood fibrinolytic system in RAWLES, J.M., OGSTON, D. & DOUGLAS, A.S. 65-76
- Cardiac failure, left ventricular function and, in chronic obstructive pulmonary disease JEŽEK, V. & SCHRIJEN, F. 267-279
- Cardiovascular system, specific increase in reactivity of, related to sodium retention in DOCA-salt-treated rats DUSTING, G.T., HARRIS, G.S. & RAND, M.J. 571-581
- Casein, absorption of amino acids in man from amino acid mixtures simulating SILK, D.B.A., MARRS, T.C., ADDISON, J.M., BURSTON, D., CLARK, M.L. & MATTHEWS, D.M. 715-719
- Catecholaminergic neurones, central, importance of, in development and maintenance of renal hypertension LEWIS, P.J., REID, J.L., CHALMERS, J.P. & DOLLERY, C.T. 115s-118s
- Catecholamines, arterial and urinary, in blood-pressure overshoot due to acute withdrawal of clonidine HANSSON, L. & HUNYOR, S.N. 181s-183s
- Catecholamines, plasma, during sustained isometric exercise KOZŁOWSKI, S., BRZEZINSKA, Z., NAZAR, K., KOWALSKI, W. & FRANCZYK, M. 723-731
- Cholesterol, effect of phenobarbitone on, and bile acid metabolism MILLER, N.E. & NESTEL, P.J. 257-262
- Cholesterol, extravascular transport of, and lipids and lipoproteins of human peripheral lymph REICHL, D., SIMONS, L.A., MYANT, N.B., PFLUG, J.J. & MILLS, G.L. 313-329
- Cholesterol, serum, effect of atherogenic levels of, on plasma renin in rabbits CAMPBELL, D.J., SKINNER, S.L. & DAY, A.J. 565-569
- Cholesteryl esters, turnover of, in plasma lipoproteins in familial hyperbetalipoproteinaemia MYANT, N.B., BALASUBRAMANIAM, S., MOUTAFIS, C.D., MANCINI, M. & SLACK, J. 551-560
- [<sup>14</sup>C]Cholesterol, synthesis of bile acids from, in developing sheep liver SMALLWOOD, R.A., JABLONSKI, P. & WATTS, J.MCK. 403-406
- [<sup>14</sup>C]Cholic acid, factors affecting clearance of, from plasma of patients with cirrhosis KAYE, M.D., STRUTHERS, J.E., JR, TIDBALL, J.S., DENIRO, E. & KERN, F., JR 147-161
- Chromosome (XYY), abnormal, maximum motor nerve conduction velocity in males with WRIGHT, M.O. 337-345

- Circadian variation in plasma iron concentration and reticuloendothelial iron release in the rat  
LYNCH, S.R., SIMON, M., BOTHWELL, T.H. & CHARLTON, R.W. 331-336
- Cirrhosis, factors affecting plasma clearance of [<sup>14</sup>C]cholic acid in patients with KAYE, M.D.,  
STRUTHERS, J.E., JR, TIDBALL, J.S., DENIRO, E. & KERN, F., JR 147-161
- Cirrhosis, human, vasopressor-induced natriuresis and altered renal haemodynamics in  
GUTMAN, R.A., FORREY, A.W., FLEET, W.P. & CUTTLER, R.E. 19-34
- Clonidine (Catapres), arterial and urinary catecholamines in blood-pressure overshoot due to  
acute withdrawal of HANSSON, L. & HUNYOR, S.N. 181s-183s
- Clonidine, effect of, on plasma renin activity in human hypertension SALVETTI, A., ARZILLI,  
F. & ZUCHELLI, G.C. 185s-189s
- Clonidine, long-term therapy of essential hypertension with, compared with diuretics and  
 $\alpha$ -methyl dopa LUND-JOHANSEN, P. 199s-203s
- Coagulation, intravascular, study of, <sup>131</sup>I-labelled fibrinogen and <sup>125</sup>I-labelled antigen in  
immune complex glomerulonephritis WARDLE, E.N. 35-50
- Copper, biliary, nature and excretion of, in man (Correspondence) LEWIS, K.O. & GOLLAN,  
J.L. 133-134
- Cortisol, plasma, relationship between, and peak expiratory flow rate in exercise-induced  
asthma JAFFE, P., KÖNIG, P., IJADUOLA, O., WALKER, S. & GODFREY, S. 533-541
- Cough reflex, effect of ethanol on BERKOWITZ, H., REICHEL, J. & SHIM, C. 527-531
- Cromoglycate, sodium, effect of, on exercise-induced asthma JAFFE, P., KÖNIG, P., IJADUOLA,  
O., WALKER, S. & GODFREY, S. 533-541
- Cyclic AMP, effects of angiotensin II on the level of, in rat uterus ANGÈLES D'AURIAC, G. &  
MEYER, P. 247s-250s
- Dead-space, physiological, prediction of, in resting normal subjects HARRIS, E.A., HUNTER,  
M.E., SEELYE, E.R., VEDDER, M. & WHITLOCK, R.M.L. 375-386
- Dehydration, rapid, and Pitressin-dehydration as a measure of urine concentrating ability  
KOUTSAIMANIS, K.G. & TASKER, P.R.W. 263-266
- Deoxycorticosterone acetate, specific increase in cardiovascular reactivity related to sodium  
retention in rats treated with salt and DUSTING, G.T., HARRIS, G.S. & RAND, M.J. 571-  
581
- Diabetes, splanchnic glucose production and its regulation in healthy monozygotic twins of  
parents with TATTERSALL, R.B., PYKE, D.A., WAHREN, J., FELIG, P., CERASI, E., LUFT,  
R. & HENDLER, R. 721-722
- Diabetic neuropathy, peripheral vascular and sweat-gland reflexes in GOADBY, H.K. &  
DOWNMAN, C.B.B. 281-289
- Diazoxide, oral, effect of, on hypertension and sodium excretion in chronic renal failure  
THURSTON, H., POHL, J.E.F. & SWALES, J.D. 175s-179s
- Diet, treatment of obese hypertensives by HEYDEN, S., TYROLER, H.A., HAMES, C.G.,  
BARTEL, A., THOMPSON, J.W., KRISHAN, I. & ROSENTHAL, T. 209s-212s
- Dihydralazine, treatment of hypertension with large doses of oxyphenolol in combination with  
TUCKMAN, J., MESSERLI, F. & HOLDER, J. 159s-161s
- Dipeptides, intestinal absorption of, containing glycine, phenylalanine, proline,  $\beta$ -alanine or  
histidine in the rat BOUILLIN, D.J., CRAMPTON, R.F., HEADING, C.E. & PELLING, D.  
849-858

- Dipeptides, intestinal absorption of stereoisomers of, in the rat ASATOOR, A.M., CHADHA, A., MILNE, M.D. & PROSSER, D.I. 199-212
- Dipeptides, neutral, intestinal transport of, in man SILK, D.B.A., PERRETT, D. & CLARK, M.L. 291-299
- Diuretics, long-term therapy of essential hypertension with, compared with  $\alpha$ -methyldopa and clonidine LUND-JOHANSEN, P. 199s-203s
- Dopamine, renal vascular responses to, in normal man HOLLENBERG, N.K., ADAMS, D.F., MENDELL, P., ABRAMS, H.L. & MERRILL, J.P. 733-742
- Electrolytes, angiotensin and renin in normal and toxæmic pregnancy GORDON, R.D., SYMONDS, E.M., WILMSHURST, E.G. & PAWSEY, C.G.K. 115-127
- Electrolyte, effect of bile acids on absorption of, and water in the human jejunum RUSSELL, R.I., ALLAN, J.G., GERSKOWITCH, V.P. & COCHRAN, K.M. 301-311
- Electrolytes, effect of environment and, on blood pressure LANGFORD, H.G. & WATSON, R.L. 111s-113s
- Environment, effect of electrolytes and, on blood pressure LANGFORD, H.G. & WATSON, R.L. 111s-113s
- Erythrocyte, decreased ouabain-sensitive adenosine triphosphatase activity in the membrane of, in patients with chronic renal disease COLE, C.H. 775-784
- Ethanol, effect of, on the cough reflex BERKOWITZ, H., REICHEL, J. & SHIM, C. 527-531
- Ethinylœstradiol, effect of, on calcium and phosphorus metabolism of post-menopausal women with primary hyperparathyroidism GALLAGHER, J.C. & WILKINSON, R. 785-80
- European working party on high blood pressure in elderly (EWPHE) AMERY, A. & DE SCHAEPDRIJVER, A. 71s-73s
- Evans Blue, elevated disappearance rate of, and plasma volume decrease in essential hypertension ULRYCH, M. 173-181
- Exercise, effect of sodium cromoglycate on asthma induced by JAFFE, P., KÖNIG, P., IJADUOLA, O., WALKER, S. & GODFREY, S. 533-541
- Exercise, effects of therapeutic decrease in packed cell volume on responses to, of patients with polycythaemia secondary to lung disease HARRISON, B.D.W., DAVIS, J., MADGWICK, R.G. & EVANS, M. 833-847
- Exercise, isometric, plasma catecholamines during KOZŁOWSKI, S., BRZEZINSKA, Z., NAZAR, K., KOWALSKI, W. & FRANCZYK, M. 723-731
- Exercise, measurement of leg blood flow in man during, by an indicator-dilution technique WAHREN, J. & JORFELDT, L. 135-146
- Exercise, ventilatory response to hypoxia during, in cyanotic congenital heart disease TAYLOR, M.R.H. 99-105
- Familial hyperbetalipoproteinaemia, turnover of cholesteryl esters in plasma lipoproteins in MYANT, N.B., BALASUBRAMANIAM, S., MOUTAFIS, C.D., MANCINI, M. & SLACK, J. 551-560
- Fever, studies on the pathogenesis of, in renal carcinoma CRANSTON, W.I., LUFF, R.H., OWEN, D. & RAWLINS, M.D. 459-467
- Fibrinogen, <sup>125</sup>I-labelled, use of, and <sup>131</sup>I-labelled antigen in studies on intravascular coagulation in immune complex glomerulonephritis WARDLE, E.N. 35-50

- Fibrinolytic system, blood, studies on, in congestive cardiac failure RAWLES, J.M., OGSTON, D. & DOUGLAS, A.S. 65-76
- Fluid compartments, body, relationship between volumes of, and renin activity and blood pressure in chronic renal failure DATHAN, J.R.E., JOHNSON, D.B. & GOODWIN, F.J. 77-88
- Franz Volhard (1872-1972): The First Volhard Lecture PICKERING, Sir GEORGE 1s-10s
- Free water, clearance of, in patients with essential hypertension DORHOUT MEES, E.J. & DE GRAAF, H. 469-477
- Fruzemide, protective effect of, in acute tubular necrosis and acute renal failure BAILEY, R.R., NATALE, R., TURNBULL, D.I. & LINTON, A.L. 1-17
- Gastric mucosa, human, histamine metabolism in DENCKER, H., KAHLSON, G., KOCKUM, I., NORYYD, C. & ROSENGREN, E. 225-231
- Glomerulonephritis, immune complex, intravascular coagulation in, studied with <sup>131</sup>I-labelled fibrinogen and <sup>125</sup>I-labelled antigen WARDLE, E.N. 35-50
- Glucose, splanchnic production of, and its regulation in healthy monozygotic twins of diabetics TATTERSALL, R.B., PYKE, D.A., WAHREN, J., FELIG, P., CERASI, E., LUFT, R. & HENDLER, R. 721-722
- Glucose tolerance, changes of, in human viral hepatitis RECORD, G.O., ALBERTI, K.G.M.M., WILLIAMSON, D.H. & WRIGHT, R. 677-690
- Glycine oligopeptides, hydrolysis of, by guinea-pig intestinal mucosa and by isolated brush borders PETERS, T.J. 803-816
- Guidance for Authors i-xvii
- Haemodialysis, long-term, haemodynamic and blood volume studies in patients treated by TUCKMAN, J., BENNINGER, J.-L. & REVBI, F. 155s-157s
- Haemoglobin, sickle-cell, rate of sickling of cells containing RAMPLING, M.W. & SIRRS, J.A. 655-664
- Heart disease, congenital, oxygen consumption in children with KAPPAGODA, C.T., GREENWOOD, P., MACARTNEY, F.J. & LINDEN, R.J. 107-114
- Heart disease, cyanotic, congenital, ventilatory response to hypoxia during exercise in TAYLOR, M.R.H. 99-105
- Heparin, effect of, on platelet aggregation and adhesion THOMSON, C., FORBES, C.D. & PRENTICE, C.R.M. 485-494
- Hepatitis, viral, human, changes in glucose tolerance and metabolism in RECORD, G.O., ALBERTI, K.G.M.M., WILLIAMSON, D.H. & WRIGHT, R. 677-690
- Hepatocellular carcinoma, primary, carbohydrate metabolism in patients with VINIK, A.I. & POOLER, W. 387-396
- Histamine, methylation pathway for metabolism of, in healthy and asthmatic children THOM, H., RICHARDSON, J.E. & MITCHELL, R.G. 193-198
- Histamine methyltransferase, activity of, in human gastric mucosa DENCKER, H., KAHLSON, G., KOCKUM, I., NORYYD, C. & ROSENGREN, E. 225-231
- Histidine decarboxylase, activity of, in human gastric mucosa DENCKER, H., KAHLSON, G., KOCKUM, I., NORYYD, C. & ROSENGREN, E. 225-231



- Hyperaldosteronism, low-renin, treatment of, with spironolactone and amiloride KREMER, D., BEEVERS, D.G., BROWN, J.J., DAVIES, D.L., FERRISS, J.B., FRASER, R., LEVER, A.F. & ROBERTSON, J.I.S. 213s-218s
- Hyperaldosteronism, secondary, pathogenesis of, of the Bartter syndrome NIELSEN, I. JACOBSEN, J.G. & OLESEN, K.H. 301s-304s
- Hyperparathyroidism, primary, effect of ethinyloestradiol on calcium and phosphorus metabolism of post-menopausal women with GALLAGHER, J.C. & WILKINSON, R. 785-802
- Hypertension, adrenocorticotrophic hormone-induced, mechanism of, in sheep SCOGGINS, B.A., COCHLAN, J.P., CRAN, E.J., DENTON, D.A., FAN, S.K., MCDUGALL, J.G., ODDIE, C.J., ROBINSON, P.M. & SHULKES, A.A. 269s-271s
- Hypertension, aldosterone-induced, mechanism of, in man DISTLER, A., JUST, H.J. & PHILLIPP, T. 743-750
- Hypertension, angiotensin-salt MUIRHEAD, E.E., LEACH B.E. & ARMSTRONG, F.B. 257s-261s
- Hypertension, arterial, metabolic clearance rate of angiotensin II in COLI, A. & DONATO, L. 235s-238s
- Hypertension, arterial, mild, systemic haemodynamics in, before and after physical training SANNERSTEDT, R., WAISIR, H., HENNING, R. & WERKO, L. 145s-149s
- Hypertension, arterial, primary, importance of the adrenergic nervous system in support of cardiac function in patients with GUAZZI, M., POLESE, A., FIORENTINI, C. & MAGRINI, F. 151s-154s
- Hypertension, arterial, treated, complications in STORM-MATHISEN, H., LÖKEN, H. & RIAN, U. 205s-208s
- Hypertension, chronic, reversibility of baroreceptor adaptation in SALGADO, H.C. & KRIEGER, E.M. 123s-126s
- Hypertension, community screening for PRINEAS, R.J., STEPHENS, W.B. & LOVELL, R.R.H. 47s-53s
- Hypertension, diet treatment of obese subjects with HEYDEN, S., TYROLLER, H.A., HAMES, C.G., BARTEL, A., THOMPSON, J.W., KRISHAN, I. & ROSENTHAL, T. 209s-212s
- Hypertension, effect of high-salt, high-carbohydrate, low-protein diet on, in the rat UEDA, H. 99s-102s
- Hypertension, effect of oral diazoxide on, in chronic renal failure THURSTON, H., POHL, J.E.F. & SWALES, J.D. 175s-179s
- Hypertension, effect of practolol (Eraldin) in long-term treatment of FULTON, R.M., FULTON, E.H. & GREEN, K.G. 167s-170s
- Hypertension, epidemiological study of KIMURA, T. 103s-105s
- Hypertension, essential, comparative study of hypotensive therapy for, with diuretics,  $\alpha$ -methyl dopa and clonidine LUND-JOHANSEN, P. 199s-203s
- Hypertension, essential, free water clearance in patients with DORHOUT MEES, E.J. & DE GRAAF, H. 469-477
- Hypertension, essential, plasma volume decrease and elevated Evans Blue disappearance rate in ULRYCH, M. 173-181
- Hypertension, essential, renal and mineralocorticoid, antihypertensive effect of spironolactone in MANTERO, F., ARMANINI, D. & URBANI, S. 219s-224s
- Hypertension, essential, sympathetic activity and LOUIS, W.J., DOYLE, A.E., ANAVEKAR, S.N. & CHUA, K.G. 119s-121s

- Hypertension, experimental, central and peripheral mechanisms in the maintenance of, in the rabbit REID, J.L., LEWIS, P.J. & DOLLERY, C.T. 701-709
- Hypertension, experimental, ionic composition of arterial wall in RORIVE, G.L.F.J. & VAN CAUVENBERGE, H. 305s-308s
- Hypertension, genetic ecology of CRUZ-COKE, R., DONOSO, H. & BARRERA, R. 55s-65s
- Hypertension, genetic, New Zealand strain of rats with SIMPSON, F.O., PHELAN, E.L., CLARK, D.W.J., JONES, D.R., GRESSON, C.R., LEE, D.R. & BIRD, D.L. 15s-21s
- Hypertension, human, effect of clonidine on plasma renin activity in SALVETTI, A., ARZILLI, F. & ZUCHELLI, G.C. 185s-189s
- Hypertension, malignant, acute, vicious circle in, in rats DAUDA, G., MÖHRING, J., HOFBAUER, K.G., HOMSY, E., MIKSCH, U., ORTH, H. & GROSS, F. 251s-255s
- Hypertension, malignant, human, increased plasma renin substrate concentrations in ROSSET, E., SCHERRER, J.R. & VEYRAT, R. 291s-294s
- Hypertension, mild, hypotensive effect of oxyprenolol in MUIESAN, G., MOTOLESE, M. & COLOMBI, A. 163s-166s
- Hypertension, mild to moderate, organization of a multi-centre randomized control therapeutic trial for PEART, W.S. 67s-70s
- Hypertension, moderate, portably recorded blood pressures in the initiation of treatment of SOKOLOW, M., PERLOFF, D. & COWAN, R. 195s-198s
- Hypertension, natural history of, with moderate impairment of renal function BAVER, G.E. & HUMPHREY, T.J. 191s-193s
- Hypertension, oral contraceptives and LUND, J.O. 317s-320s
- Hypertension, organization of a double-blind multi-centre trial on therapy for, in elderly patients AMERY, A. & DE SCHAEFDRIJVER, A. 71s-73s
- Hypertension, renal, divided renal and peripheral venous renin as a means of predicting operative curability of ARAKAWA, K., MASAKI, Z., OSADA, Y., YAMADA, J. & MOMOSE, S. 311s-314s
- Hypertension, renal, importance of central catecholaminergic neurones in the development and maintenance of LEWIS, P.J., REID, J.L., CHALMERS, J.P. & DOLLERY, C.T. 115s-118s
- Hypertension, renin, renin substrate and blood volume in terminal renal failure SCHALEKAMP, M.A.D.H., SCHALEKAMP-KUYKEN, M.P.A., DE MOOR-FRUYTIER, M., MEININGER, TH., VAANDRAGER-KRANENBURG, D.J. & BIRKENHÄGER, W.H. 417-428
- Hypertension, renin suppression in, in relation to body fluid volumes, sodium excretion and renal haemodynamics SCHALEKAMP, M.A.D.H., KRAUSS, X.H., KOLSTERS, G., SCHALEKAMP, M.P.A. & BIRKENHÄGER, W.H. 283s-286s
- Hypertension, renovascular, arteriosclerotic, prognosis in PINEDO, H.M., DE GRAEFF, J. & STRUYVENBERG, A. 309s-310s
- Hypertension, renovascular, results of medical versus surgical treatment of PEART, W.S. 89s-93s
- Hypertension, renovascular, results of surgical treatment in comparison with medical treatment of OWEN, K. 95s-98s
- Hypertension, severe, new look at treatment of KINCAID-SMITH, P., FANG, P. & LAVER, M.C. 75s-87s
- Hypertension, spontaneous, cardiovascular responses to acute mental 'stress' in rats with FOLKOW, B., HALLBÄCK, M. & WEISS, L. 131s-133s

- Hypertension, spontaneous, effect of chronic sodium loading and sodium restriction on plasma and renal concentrations of prostaglandin A in normal Wistar and Aoki rats with ZUSMAN, R.M., FORMAN, B.H., SCHNEIDER, G., CALDWELL, B.V., SPEROFF, L. & MULROW, P.J. 325s-329s
- Hypertension, spontaneous, hypertensive role of kidney in rats with BIANCHI, G., FOX, U., DI FRANCESCO, G.F., BARDI, U. & RADICE, M. 135S-139S
- Hypertension, spontaneous, in rats OKAMOTO, K., YAMORI, Y., NOSAKA, S., OOSHIMA, A. & HAZAMA, F. 11s-14s
- Hypertension, spontaneous, light- and electron-microscope studies of the thymus of rats with ROJO-ORTEGA, J.M., YEGHIAYAN, E. & GENEST, J. 141s-144s
- Hypertension, treatment of, with large doses of oxyprenolol alone and with dihydralazine TUCKMAN, J., MESSERLI, F. & HODLER, J. 159s-161s
- Hypoxia, ventilatory response to, during exercise in cyanotic congenital heart disease TAYLOR, M.R.H. 99-105
- Indicator-dilution technique, use of, to measure leg blood flow in man during exercise WAHREN, J. & JORFELDT, L. 135-146
- Insulin, human, comparison in man of the metabolism of porcine proinsulin and SENKSEN, F.H., TOMPKINS, C.V., SRIVASTAVA, M.C. & NABARRO, J.D.N. 633-654
- Intestinal transport of neutral dipeptides in man SILK, D.B.A., PERRETT, D. & CLARK, M.L. 291-299
- Intestine, guinea-pig, hydrolysis of glycine oligopeptides by mucosa and isolated brush borders of PETERS, T.J. 803-816
- Intestine, human, relationships between ion and water movement in, during perfusion with bile acids WINGATE, D.L., KRAG, E., MEKHJIAN, H.S. & PHILLIPS, S.F. 607-623
- Ions, relationships between movement of water and, in human intestine during perfusion with bile acids WINGATE, D.L., KRAG, E., MEKHJIAN, H.S. & PHILLIPS, S.F. 593-606
- Ions, renal handling of, during prolonged exposure to elevated concentrations of carbon dioxide GRAY, S.P., MORRIS, J.E.W. & BROOKS, C.T. 751-764
- Iron, plasma, circadian variation of concentration of, and reticuloendothelial iron release in the rat LYNCH, S.R., SIMON, M., BOTHWELL, T.H. & CHARLTON, R.W. 331-336
- Jejunum, human, effect of bile acids on water and electrolyte absorption in RUSSELL, R.I., ALLAN, J.G., GERSKOWITCH, V.P. & COCHRAN, K.M. 301-311
- Kallikrein, plasma, concentration of, in labour MALOFIEJEV, M. 429-438
- Kinin-forming system, plasma, in labour MALOFIEJEV, M. 429-438
- Kidney, dog, renal prostaglandins as determinants of distribution of blood flow in ITSKOVITZ, H.D., STEMPER, J., PACHOLCZYK, D. & MCGIFF, J.C. 321s-324s
- Kidney, human, normal haemodynamic and angiographic observations of vascular responses to dopamine in HOLLENBERG, N.K., ADAMS, D.F., MENDELL, P., ABRAMS, H.L. & MERRILL, J.P. 733-742
- Kidney, hypertension, hyperreninaemia and secondary aldosteronism due to juxtaglomerular cell tumours of CONN, J.W., COHEN, E.L., McDONALD, W.J., BLOUGH, W.M., JR, LUCAS, C.P., MAYOR, G.H., BROOKSTEIN, J.J., EVELAND, W.C. & LAPIDES, J. 279s-282s

- Kidney, hypertensive role of, in spontaneously hypertensive rats BIANCHI, G., FOX, U., DI FRANCESCO, G.F., BARDI, U. & RADICE, M. 135s-139s
- Kidney, release of renin and vasomotor changes in, during stimulation of the brain stem in the cat RICHARDSON, D., STELLA, A., LEONETTI, G., BARTORELLI, Z. & ZANCHETTI, A. 243s-246s
- Kidney, transplanted, haemodynamic and blood volume studies in patients with TUCKMAN, J., BENNINGER, J.-L. & REUBI, F. 155s-157s
- Kidney, treatment of calcium, magnesium, inorganic phosphate and hydrogen ions by, during prolonged exposure to elevated carbon dioxide concentrations GRAY, S.P., MORRIS, J.E.W. & BROOKS, C.J. 751-764
- Lactate, metabolism of, and intracellular pH during simulated metabolic acidosis in perfused isolated rat liver LLOYD, M.H., ILES, R.A., SIMPSON, B.R., STRUNIN, J.M., LAYTON, J.M. & COHEN, R.D. 543-549
- Lipid, plasma, abnormalities of, in patients with malabsorption THOMPSON, G.R. & MILLER, J.P. 583-592
- Lipids and lipoproteins of human peripheral lymph REICHL, D., SIMONS, L.A., MYANT, N.B., PFLUG, J.J. & MILLS, G.L. 313-329
- Lipoprotein, plasma, abnormalities of, in patients with malabsorption THOMPSON, G.R. & MILLER, J.P. 583-592
- Lipoprotein, effect of low-density preparations of, on plasmin HERBERT, R.J., BENNETT, B. & OGSTON, D. 129-132
- Lipoproteins, high- and low-density, turnover of cholesteryl esters in, in familial hyperbeta-lipoproteinaemia MYANT, N.B., BALASUBRAMANIAM, S., MOUTAFIS, C.D., MANCINI, M. & SLACK, J. 551-560
- Liver, rat, isolated, perfused, effect of simulated metabolic acidosis on intracellular pH and lactate metabolism in LLOYD, M.H., ILES, R.A., SIMPSON, B.R., STRUNIN, J.M., LAYTON, J.M. & COHEN, R.D. 543-549
- Lung, effects of therapeutic decrease in packed cell volume on the responses to exercise of patients with polycythaemia secondary to disease of HARRISON, B.D.W., DAVIS, J., MADGWICK, R.G. & EVANS, M. 833-847
- Lymph, human, peripheral, lipids and lipoproteins of, and transport of cholesterol from plasma and tissues into lymph REICHL, D., SIMONS, L.A., MYANT, N.B., PFLUG, J.J. & MILLS, G.L. 313-329
- Lymphopenia, polymorphonuclear leucocytosis and metabolic acidosis in acute renal failure in the rat SIMON, D. & LUKE, R.G. 397-402
- $\alpha_2$ -Macroglobulin, measurement of, in congestive cardiac failure RAWLES, J.M., OGSTON, D. & DOUGLAS, A.S. 65-76
- Malabsorption, abnormalities of plasma lipid and lipoprotein in patients with THOMPSON, G.R. & MILLER, J.P. 583-592
- Menstrual cycle, effect of posture on the urinary excretion of water and electrolytes in normal females during the follicular and luteal phases of EDWARDS, O.M. & BAYLISS, R.I.S. 495-504
- Mental 'stress', acute cardiovascular responses to, in spontaneously hypertensive rats FOLKOW, B., HALLBÄCK, M. & WEISS, L. 131s-133s

- Metanephrine, assay for, and normetanephrine separately WOLF, R.L., GHERMAN, C.E., LAUER, J.D., FISH, H.L. & LEVEY, B.R. 263s-267s
- $\alpha$ -Methyldopa, long-term therapy of essential hypertension with, compared with diuretics and clonidine LUND-JOHANSEN, P. 199s-203s
- 1-Methylimidazole-4-acetic acid, secretion of, by healthy and asthmatic children THOM, H., RICHARDSON, J.E. & MITCHELL, R.G. 193-198
- 5-Methyltetrahydropteroylglutamate, absorption of the diastereoisomers of, in man WEIR, D.G., BROWN, J.P., FREEDMAN, D.S. & SCOTT, J.M. 625-631
- Minoxidil, clinical and pharmacokinetic studies of CHIDSEY, C.A. 171s-173s
- Motor nerve, maximum conduction velocity of, in XYY males WRIGHT, M.O. 337-345
- Myxoedema, plasma noradrenaline and adrenaline in patients with CHRISTENSEN, N.J. 163-171
- Natriuresis, vasopressor-induced, and altered renal haemodynamics in cirrhotic man GUTMAN, R.A., FORREY, A.W., FLEET, W.P. & CUTLER, R.E. 19-34
- Neonates, concentrations of thyroid hormones in cords of EASTMAN, C.J., CORCORAN, J.M., JEQUIER, A., EKINS, R.P. & WILLIAMS, E.S. 251-255
- Neutrophils, mechanism of entry of dye into, in the Nitroblue Tetrazolium test SEGAL, A.W. & LEVI, A.J. 817-826
- Nitroblue Tetrazolium test, mechanism of entry of dye into neutrophils in SEGAL, A.W. & LEVI, A.J. 817-826
- Noradrenaline and adrenaline, plasma, in patients with thyrotoxicosis and myxoedema CHRISTENSEN, N.J. 163-171
- Normetanephrine, assay for, and metanephrine separately WOLF, R.L., GHERMAN, C.E., LAUER, J.D., FISH, H.L. & LEVEY, B.R. 263s-267s
- Occlusive arterial disease, measurement of leg blood flow during exercise in patients with, by an indicator-dilution technique WAHREN, J. & JORFELDT, L. 135-146
- Oedema, idiopathic, role of postural changes in plasma volume, plasma renin activity, aldosterone secretion rate and glomerular filtration rate in STREETEN, D.H.P., DALAKOS, T.G., SOUMA, M., FELLERMAN, H., CLIFT, G.V., SCHLETTER, F.E., STEVENSON, C.T. & SPELLER, P.J. 347-373
- Oral contraceptives, hypertension and LUND, J.O. 317s-320s
- Oxprenolol, hypotensive effect of, in mild hypertension MUIESAN, G., MOTOLESE, M. & COLOMBI, A. 163s-166s
- Oxprenolol, treatment of hypertension with large doses of, alone and with dihydralazine TUCKMAN, J., MESSERLI, F. & HOLDER, J. 159s-161s
- Oxygen, consumption of, in children with congenital disease of the heart KAPPAGODA, C.T., GREENWOOD, P., MACARTNEY, F.J. & LINDEN, R.J. 107-114
- Packed cell volume, effects of therapeutic decrease in, on responses to exercise of patients with polycythaemia secondary to lung disease HARRISON, B.D.W., DAVIS, J., MADGWICK, R.G. & EVANS, M. 833-847
- Parathyroid hormone, human, synthesis and release of, by a renal carcinoma in cell culture GREENBERG, P.B., MARTIN, T.J. & SUTCLIFFE, H.S. 183-191

- Parturition, plasma kinin-forming system in MALOFIEJEW, M. 429-438
- Pepsins, human, inactivation of, and pepsinogens by carbenoxolone ROBERTS, N.B. & TAYLOR, W.H. 213-224
- pH, intracellular, lactate metabolism and, during simulated metabolic acidosis in perfused isolated rat liver LLOYD, M.H., ILES, R.A., SIMPSON, B.R., STRUNIN, J.M., LAYTON, J.M. & COHEN, R.D. 543-549
- Phaeochromocytoma, assay for separate normetanephrine and metanephrine with application for the diagnosis of WOLF, R.L., GHERMAN, C.E., LAVER, J.D., FISH, H.L. & LEVEY, B.R. 263s-267s
- Phenobarbitone, effect of, on cholesterol and bile acid metabolism MILLER, N.E. & NESTEL, P.J. 257-262
- Phenylalanine, impairment of hydroxylation of, in chronic renal insufficiency YOUNG, G.A. & PARSONS, F.M. 89-97
- Phosphodiesterase, effects of angiotensin II on the activity of, in rat uterus ANGÈLES D'AURIAC, G. & MEYER, P. 247s-250s
- Phosphorus, effect of ethinyloestradiol on metabolism of, and calcium in post-menopausal women with primary hyperparathyroidism GALLAGHER, J.C. & WILKINSON, R. 785-802
- Physical training, systemic haemodynamics in mild arterial hypertension before and after SANNERSTEDT, R., WASIR, H., HENNING, R. & WERKÖ, L. 145s-149s
- Pitressin-dehydration, rapid dehydration and, as a measure of urine concentrating ability KOUTSAIMANIS, K.G. & TASKER, P.R.W. 263-266
- Placental transfer of bile acids in the sheep SMALLWOOD, R.A., JABLONSKI, P. & WATTS, J.McK. 403-406
- Plasma, volume decrease of, and elevated Evans Blue disappearance rate in essential hypertension ULRYCH, M. 173-181
- Plasma volume, role of, and other factors in the pathogenesis of idiopathic oedema STREETEN, D.H.P., DALAKOS, T.G., SOUMA, M., FELLERMAN, H., CLIFT, G.V., SCHLETTEER, F.E., STEVENSON, C.T. & SPELLER, P.J. 347-373
- Plasmin, effect of low-density lipoprotein preparations on HERBERT, R.J., BENNETT, B. & OGSTON, D. 129-132
- Plasminogen, measurements of, and plasminogen activator in congestive cardiac failure RAWLES, J.M., OGSTON, D. & DOUGLAS, A.S. 65-76
- Platelets, potentiation of aggregation and adhesion of, by heparin THOMSON, C., FORBES, C.D. & PRENTICE, C.R.M. 485-494
- Polycythaemia, effects of therapeutic decrease in packed cell volume on responses to exercise of patients with, secondary to lung disease HARRISON, B.D.W., DAVIS, J., MADGWICK, R.G. & EVANS, M. 833-847
- Polymorphonuclear leucocytosis, lymphopenia and metabolic acidosis in acute renal failure in the rat SIMON, D. & LUKE, R.G. 397-402
- Porphyria cutanea tarda, plasma porphyrin concentrations in MOORE, M.R., THOMPSON, G.G., ALLEN, B.R., HUNTER, J.A.A. & PARKER, S. 711-714
- Posture, effect of, on urinary excretion of water and electrolytes in normal females during follicular and luteal phases of the menstrual cycle EDWARDS, O.M. & BAYLISS, R.I.S. 495-504

- Posture, role of, and other factors in the pathogenesis of idiopathic oedema STREETEN, D.H.P., DALAKOS, T.G., SOUMA, M., FELLERMAN, H., CLIFT, G.V., SCHLETTER, F.E., STEVENSON, C.T. & SPELLER, P.J. 347-373
- Potassium, body content of, and fat-free mass MULDOWNNEY, F.P., BODDY, K., KING, P.C., WOMERSLEY, J. & DURNIN, J.V.G.A. 865-866
- Practolol (Eraldin), effect of, in long-term treatment of severe and moderate hypertension FULTON, R.M., FULTON, E.H. & GREEN, K.G. 167s-170s
- Pregnancy, normal and toxæmic, renin, angiotensin and electrolytes in GORDON, R.D., SYMONDS, E.M., WILMSHURST, E.G. & PAWSEY, C.G.K. 115-127
- Proinsulin, porcine, comparison in man of the metabolism of human insulin and SENKSEN, F.H., TOMPKINS, C.V., SRIVASTAVA, M.C. & NABARRO, J.D.N. 633-654
- Prostaglandin A, effect of chronic sodium loading and sodium restriction on plasma and renal concentrations of, in normal Wistar and spontaneously hypertensive Aoki rats ZUSMAN, R.M., FORMAN, B.H., SCHNEIDER, G., CALDWELL, B.V., SPEROFF, L. & MULROW, P.J. 325s-329s
- Prostaglandins, renal, intrarenal distribution of blood flow in the dog by ITSKOVITZ, H.D., STEMPER, J., PACHOLOCZYK, D. & MCGIFF, J.C. 321s-324s
- Protein, effect of loading with, on plasma amino acid levels PALMER, T., ROSSITER, M.A., LEVIN, B. & OBERHOLZER, V.G. 827-832
- Pulmonary disease, chronic obstructive, left ventricular function in, with and without cardiac failure JEŽEK, V. & SCHRIJEN, F. 267-279
- Pulmonary function, effect of rapid infusion of saline on COLLINS, J.V., COCHRANE, G.M., DAVIS, J., BENATAR, S.R. & CLARK, T.J.H. 407-410
- Pyrogen, endogenous, detection of, in tumour extracts from patients with renal carcinoma and fever CRANSTON, W.I., LUFF, R.H., OWEN, D. & RAWLINS, M.D. 549-467
- Pyrogen, endogenous, human, bioassay of ALLISON, E.G., CRANSTON, W.I., DUFF, G.W., LUFF, R.H. & RAWLINS, M.D. 449-458
- Radioimmunoassay, determination of aldosterone in plasma and urine by JOWETT, T.P., SLATER, J.D.H., PIYASENA, R.D. & EKINS, R.P. 607-623
- Renal artery stenosis, technique of aorto-renal reconstruction in RUBERTI, U., VEGETO, A. & MALAN, E. 315s-316s
- Renal disease, chronic, decreased ouabain-sensitive adenosine triphosphatase activity in the erythrocyte membrane of patients with COLE, C.H. 775-784
- Renal excretion, effect of posture on, of water and electrolytes during the follicular and luteal phases of the menstrual cycle in normal women EDWARDS, O.M. & BAYLISS, R.I.S. 495-504
- Renal failure, acute, polymorphonuclear leucocytosis, lymphopenia and metabolic acidosis in, in the rat SIMON, D. & LUKE, R.G. 397-402
- Renal failure, acute, protective effect of frusemide in, and acute tubular necrosis BAILEY, R.R., NATALE, R., TURNBULL, D.I. & LINTON, A.L. 1-17
- Renal failure, chronic, effect of oral diazoxide on hypertension and sodium excretion in THURSTON, H., POHL, J.E.F. & SWALES, J.D. 175s-179s
- Renal failure, chronic, relationship between body fluid compartment volumes and renin

- activity and blood pressure in DATHAN, J.R.E., JOHNSON, D.B. & GOODWIN, F.J. 77-88
- Renal failure, terminal, interrelationships between blood pressure, renin, renin substrate and blood volume in SCHALEKAMP, M.A.D.H., SCHALEKAMP-KUYKEN, M.P.A., DE MOOR-FRUYTIER, M., MEININGER, TH., VAANDRAGER-KRANENBURG, D.J. & BIRKENHÄGER, W.H. 417-428
- Renal function, effect of posture on, during follicular and luteal phases of the menstrual cycle in normal women EDWARDS, O.M. & BAYLISS, R.I.S. 495-504
- Renal function, natural history of hypertension with moderate impairment of BAUER, G.E. & HUMPHERY, T.J. 191s-193s
- Renal haemodynamics, altered, and vasopressor-induced natriuresis in cirrhotic man GUTMAN, R.A., FORREY, A.W., FLEET, W.P. & CUTLER, R.E. 19-34
- Renal insufficiency, chronic, impairment of phenylalanine hydroxylation in YOUNG, G.A. & PARSONS, F.M. 89-97
- Renin, angiotensin and electrolytes in normal and toxæmic pregnancy GORDON, R.D., SYMONDS, E.M., WILMSHURST, E.G. & PAWSEY, C.G.K. 115-127
- Renin, endogenous, clearance of, in the anhepatic anephric dog FAGAARD, R., EYSKENS, E., DELOOZ, H., FOSSION, E. & AMERY, A. 225s-228s
- Renin, metabolism of activity of, in isolated liver, acute hepatic necrosis and chronic toxic hepatitis in the dog STRONG, C.G., TAPIA, H.R. & HUNT, J.C. 229s-233s
- Renin, plasma, activity of, and plasma renin substrate in hypertension associated with steroid excess KRAKOFF, L.R. & MENDLOWITZ, M. 295s-299s
- Renin, plasma, age-dependent changes in concentration of, in humans HAYDUK, K., KRAUSE, D.K., KAUFMANN, W., HUENGES, R., SCHILLMÖLLER, U. & UNBEHAUN, V. 273s-278s
- Renin, plasma, effect of clonidine on activity of, in human hypertension SALVETTI, A., ARZILLI, F. & ZUCHELLI, G.C. 185s-189s
- Renin, plasma, increased concentrations of substrate for, in human malignant hypertension ROSSET, E., SCHERRER, J.R. & VEYRAT, R. 291s-294s
- Renin, plasma, levels of, and angiotensin after treatment of human hypertension JOHNSTON, C.I., ANAVEKAR, N., CHUA, K.G. & LOUIS, W.J. 287s-290s
- Renin, plasma, role of activity of, in the pathogenesis of idiopathic oedema STREETEN, D.H.P., DALAKOS, T.G., SOUMA, M., FELLERMAN, H., CLIFT, G.V., SCHLETTER, F.E., STEVENSON, C.T. & SPELLER, P.J. 347-373
- Renin, plasma, suppression of, by atherogenic levels of serum cholesterol in rabbits CAMPBELL D.J., SKINNER, S.L. & DAY, A.J. 565-569
- Renin, relationship between activity of, and body fluid compartment volumes and blood pressure in chronic renal failure DATHAN, J.R.E., JOHNSON, D.B. & GOODWIN, F.J. 77-88
- Renin, release of, and renal vasomotor changes during stimulation of the brain stem in the cat RICHARDSON, D., STELLA, A., LEONETTI, G., BARTORELLI, A. & ZANCHETTI, A. 243s-246s
- Renin, renin substrate, hypertension and blood volume in terminal renal failure SCHALEKAMP, M.A.D.H., SCHALEKAMP-KUYKEN, M.P.A., DE MOOR-FRUYTIER, M., MEININGER, TH., VAANDRAGER-KRANENBURG, D.J. & BIRKENHÄGER, W.H. 417-428
- Renin, suppression of, in hypertension in relation to body fluid volumes, sodium excretion and



- renal haemodynamics SCHALEKAMP, M.A.D.H., KRAUSS, X.H., KOLSTERS, G., SCHALEKAMP, M.P.A. & BIRKENHÄGER, W.H. 283s-286s
- Renin, synthesis of inhibitors of POULSEN, K., BURTON, J.A. & HABER, E. 239s-241s
- Renin, venous, divided renal and peripheral, as a means of predicting operative curability of renal hypertension ARAKAWA, K., MASAKI, Z., OSADA, Y., YAMADA, J. & MOMOSE, S. 311s-314s
- Reninism, primary, due to juxtaglomerular renal cell tumours CONN, J.W., COHEN, E.L., McDONALD, W.J., BLOUGH, W.M., JR, LUCAS, C.P., MAYOR, G.H., BOOKSTEIN, J.J., EVELAND, W.C. & LAPIDES, J. 279s-282s
- Renovascular hypertension, results of medical versus surgical treatment of PEART, W.S. 89s-93s
- Renovascular hypertension, results of surgical treatment in comparison with medical treatment of OWEN, K. 95s-98s
- Respiratory response to chronic alteration of acid-base balance in disease VAN YPERSELE DE STRIHO, C. & FRANS, A. 439-448
- Reticuloendothelial system, release of iron by, and circadian variation of plasma iron concentration in the rat LYNCH, S.R., SIMON, M., BOTHWELL, T.H. & CHARLTON, R.W. 331-336
- Saline, effect of rapid infusion of, on pulmonary function COLLINS, J.V., COCHRANE, G.M., DAVIS, J., BENATAR, S.R. & CLARK, T.J.H. 407-410
- Secretin, maximum bicarbonate response in man to intravenous infusion of GUTIERREZ, L.V. & BARON, J.H. 859-862
- Sickle-cell haemoglobin, rate of sickling of cells containing RAMPLING, M.W. & SIRRS, J.A. 655-664
- Sodium, distal reabsorption of, in patients with essential hypertension DORHOUT MEES, E.J. & DE GRAAF, H. 469-477
- Sodium, effect of chronic loading and restriction of, on plasma and renal concentrations of prostaglandin A in normal Wistar and spontaneously hypertensive Aoki rats ZUSMAN, R.M., FORMAN, B.H., SCHNEIDER, G., CALDWELL, B.V., SPEROFF, L. & MULROW, P.J. 325s-329s
- Sodium, effect of oral diazoxide on excretion of, in chronic renal failure THURSTON, H., POHL, J.E.F. & SWALES, J.D. 175s-179s
- Sodium, role of excretion of, and other factors, in the pathogenesis of idiopathic oedema STREETEN, D.H.P., DALAKOS, T.G., SOUMA, M., FELLERMAN, H., CLIFT, G.V., SCHLETTER, F.E., STEVENSON, C.T. & SPELLER, P.J. 347-373
- Sodium, specific increase in cardiovascular reactivity related to retention of, in DOCA-salt-treated animals DUSTING, G.J., HARRIS, G.S. & RAND, M.J. 571-581
- Spirolactone, antihypertensive effect of, in essential, renal and mineralocorticoid hypertension MANTERO, F., ARMANINI, D. & URBANI, S. 219s-224s
- Spirolactone, treatment of low-renin hyperaldosteronism and related syndromes with, and amiloride KREMER, D., BEEVERS, D.G., BROWN, J.J., DAVIES, D.L., FERRISS, J.B., FRASER, R., LEVER, A.F. & ROBERTSON, J.I.S. 213s-218s
- Steroid, plasma renin activity and plasma renin substrate in hypertension associated with excess of KRAKOFF, L.R. & MENDLOWITZ, M. 295s-299s

- Sympathetic activity and essential hypertension LOUIS, W.J., DOYLE, A.E., ANAVEKAR, S.N. & CHUA, K.G. 119s-121s
- Sympathetic activity in peripheral nerves of normo- and hyper-tensive subjects WALLIN, B.G., DELIUS, W. & HAGBARTH, K.-E. 127s-130s
- Sweat-gland reflexes, peripheral vascular reflexes and, in diabetic neuropathy GOADBY, H.K. & DOWNMAN, C.B.B. 281-289
- Sweating, clinical and experimental thyrotoxicosis and ALLEN, J.A., LOWE, D.C., RODDIE, I.C. & WALLACE, W.F.M. 765-773
- Thymus, light- and electron-microscope studies of, in spontaneously hypertensive rats ROJO-ORTEGA, J.M., YEGHIAYAN, E. & GENEST, J. 141s-144s
- Thyroid hormones, concentrations of, in maternal sera and cord sera at term EASTMAN, C.J., CORCORAN, J.M., JEQUIER, A., EKINS, R.P. & WILLIAMS, E.S. 251-255
- Thyrotoxicosis, clinical and experimental, sweating and ALLEN, J.A., LOWE, D.C., RODDIE, I.C. & WALLACE, W.F.M. 765-773
- Thyrotoxicosis, plasma noradrenaline and adrenaline in patients with CHRISTENSEN, J.J. 163-171
- Transcobalamin II, hepatic synthesis of, in the rat ENGLAND, J.M., TAVILL, A.S. & CHANARIN, I. 479-483
- Tubular necrosis, acute, protective effect of frusemide in, and acute renal failure BAILEY, R.R., NATALE, R., TURNBULL, D.I. & LINTON, A.L. 1-17
- Ulcers, peptic, and inactivation of human pepsinogens and pepsins by carbenoxolone ROBERTS, N.B. & TAYLOR, W.H. 213-224
- Urine concentrating ability of kidney measured by rapid dehydration and by Pitressin-dehydration KOUTSAIMANIS, K.G. & TASKER, P.R.W. 263-266
- Vascular peripheral reflexes, and sweat-gland reflexes, in diabetic neuropathy GOADBY, H.K. & DOWNMAN, C.B.B. 281-289
- Ventilatory response to hypoxia during exercise in cyanotic congenital heart disease TAYLOR, M.R.H. 99-105
- Ventricular function, left, in chronic obstructive pulmonary disease with and without cardiac failure JEŽEK, V. & SCHRIJEN, F. 267-279
- Vitamin A deficiency, efficiency of a single massive dose of vitamin A as a treatment of PEREIRA, S.M. & BEGUM, A. 233-237
- Vitamin B<sub>12</sub> and synthesis of transcobalamin II in rat liver ENGLAND, J.M., TAVILL, A.S. & CHANARIN, I. 479-483
- Volhard Lecture, the First PICKERING, Sir GEORGE 1s-10s
- Water, effect of bile acids on absorption of, and electrolyte in the human jejunum RUSSELL, R.I., ALLAN, J.G., GERSKOWITCH, V.P. & COCHRAN, K.M. 301-311
- Water, relationships between movement of ions and, in human intestine during perfusion with bile acids WINGATE, D.L., KRAG, E., MEKHJIAN, H.S. & PHILLIPS, S.F. 593-606
- XYX males, maximum motor nerve conduction velocity in WRIGHT, M.O. 337-345