

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

- MARSHALL, R.W., see Robertson, W.G. *et al.*
- MATTHEWS, D.M., see Dillon, M.J. *et al.*
- MATTHEWS, P.G., MORGAN, T.O. & JOHNSTON, C.I. The renin-angiotensin system in acute renal failure in rats 79
- McHARDY, G.J.R., see Ellul-Micallef, R. *et al.*
- McINTOSH, W.B., see Davidson, D.C. *et al.*
- MEINDERS, A.E., CEJKA, V. & ROBERTSON, G.L. The antidiuretic action of carbamazepine in man 289
- MIDDLETON, W.G. & FRENCH, E.B. Studies of the peripheral vasodilator response to acute insulin-induced hypoglycaemia in man 461
- MILLER, N.E., see Clifton-Bligh, P. *et al.*
- MILLIEZ, P.L., see Safar, M.E. *et al.*
- MORGAN, T.O., see Matthews, P.G. *et al.*
- MUDD, S.H., see Dillon, M.J. *et al.*
- MYANT, N.B., see Reichl, D. *et al.*
- NAHMIA, C., see Garnett, E.S. & Nahmias, C.
- NEWS, G.H., see Dillon, M.J. *et al.*
- NESTEL, P.J., see Clifton-Bligh, P. *et al.*
- NICHOLAS, P., see Cox, B.D. *et al.*
- NICHOLLS, M.G., ESPINER, E.A., DONALD, R.A. & HUGHES, H. Aldosterone and its regulation during diuresis in patients with gross congestive heart failure 301
- NIELSEN, T.M., see Petersen, E.S. *et al.*
- NORMAN, J.N., SHEARER, J.R. & SMITH, G. Effect of oxygen on sodium transfer across the isolated frog skin 89
- O'RIORDAN, J.L.H., see Hendy, G.N. *et al.*, see also Tomlinson, S. *et al.*
- PAGETTI, D., see Bianchi, G. *et al.*
- PEACOCK, M., see Robertson, W.G. *et al.*
- PEART, W.S., see Goodwin, T.J. *et al.*, see also Vandongen, R. & Peart, W.S.
- PEIGNOUX, M., see Degos, F. *et al.*, see also Roche-Sicot, J. *et al.*
- PENN, W.P., see Clarkson, E.M. *et al.*
- PERRETT, D., see Silk, D.B.A. *et al.*
- PERSSON, B. Seasonal variation of lipoprotein lipase activity in human subcutaneous adipose tissue 631
- PETERSEN, E.S., VEJBY-CHRISTENSEN, H. & NIELSEN, T.M. Effect of autonomic blockade on the transient changes in cardiac frequency on relief of hypoxia in man 521
- PRANDI, D., see Degos, F. *et al.*, see also Roche-Sicot, J. *et al.*
- PRESS, M., see Thompson, G.R. *et al.*
- PRIDE, N.B., see Spiro, S.G. *et al.*
- PRYCE-JONES, R.H., SAKLATVALA, J. & WOOD, G.C. Neutral protease from the polyphosphonuclear leucocytes of human rheumatoid synovial fluid 403
- RALFS, I., see Carruthers, J.A. *et al.*
- REBUCK, A.S., see Rigg, J.R.A. *et al.*

- REEVE, J. & CRAWLEY, J.C.W. Quantitative radioisotope renography: the derivation of physiological data by deconvolution analysis using a single-injection technique 317
- REICHL, D., SIMONS, L.A. & MYANT, N.B. The metabolism of low-density lipoprotein in a patient with familial hyperbetalipoproteinaemia 635
- RHODES, E.L., see De Bats, A. *et al.*
- RIESELBACH, R.E., see Wagnild, J.P. *et al.*
- RIGG, J.R.A., REBUCK, A.S. & CAMPBELL, E.J.M. A study of factors influencing relief of discomfort in breath-holding in normal subjects 193
- ROBERTSON, G.L., see Meinders, A.E. *et al.*
- ROBERTSON, W.G., PEACOCK, M., MARSHALL, R.W. & KNOWLES, F. The effect of ethane-1-hydroxy-1,1-diphosphonate (EHDP) on calcium oxalate crystalluria in recurrent renal stone-formers 13
- ROBINSON, B.F., see Collier, J.G. & Robinson, B.F.
- ROCHE-SICOT, J., SICOT, C., PEIGNOUX, M., BOURDIAU, D., DEGOS, F., DEGOS, J.-D., PRANDI, D., RUEFF, B. & BENHAMOU, J.-P. Acute hepatic encephalopathy in the rat: the effect of cross-circulation 609
- ROCHE-SICOT, J., see also Degos, F. *et al.*
- RUEFF, B., see Degos, F. *et al.*, see also Roche-Sicot, J. *et al.*
- SAFAR, M.E., WEISS, Y.A., LONDON, G.M., FRACKOWIAK, R.F. & MILLIEZ, P.L. Cardio-pulmonary blood volume in borderline hypertension 153
- SAKLATVALA, J., see Pryce-Jones, R.H. *et al.*
- SALTIN, B., see Landin, S. *et al.*
- SCOWEN, E.F., see Silk, D.B.A. *et al.*
- SEAKINS, J.W.T., see Dillon, M.J. *et al.*
- SEMPLE, P.F., CARSWELL, W. & BOYLE, J.A. Serial studies of the renal clearance of urate and inulin during pregnancy and after the puerperium in normal women 559
- SHARP, R.J., see Stocks, J. *et al.*
- SHEARER, J.R., see Norman, J.N. *et al.*
- SICOT, C., see Degos, F. *et al.*, see also Roche-Sicot, J. *et al.*
- SILK, D.B.A., PERRETT, D., STEPHENS, A.D., CLARK, M.L. & SCOWEN, E.F. Intestinal absorption of cystine and cysteine in normal human subjects and patients with cystinuria 393
- SIMMONDS, H.A., LEVIN, B. & CAMERON, J.S. Variations in allopurinol metabolism by xanthinuric subjects 173
- SIMONS, L.A., see Reichl, D. *et al.*
- SINGER, B., see Johns, E.J. & Singer, B.
- SMITH, G., see Norman, J.N. *et al.*
- SPIERER, M. The ventilatory response to carbon dioxide in patients who have recovered from cardiogenic pulmonary oedema 285
- SPIRO, S.G., HAHN, H.L., EDWARDS, R.H.T. & PRIDE, N.B. Cardiorespiratory adaptations at the start of exercise in normal subjects and in patients with chronic obstructive bronchitis 165
- STĂNESCU, D.C., VERITER, C., DE PLAEN, J.F., FRANS, A., VAN YPERSELE DE STRIHOU, C. & BRASSEUR, L. Lung function in chronic uraemia before and after removal of excess of fluid by haemodialysis 143

- STEINBECK, A.W., see Hankin, M.E. *et al.*
- STEPHENS, A.D., see Silk, D.B.A. *et al.*
- STOCKS, J., GUTTERIDGE, J.M.C., SHARP, R.J. & DORMANDY, T.L. Assay using brain homogenate for measuring the antioxidant activity of biological fluids 215
- STOCKS, J., GUTTERIDGE, J.M.C., SHARP, R.J. & DORMANDY, T.L. The inhibition of lipid autoxidation by human serum and its relation to serum proteins and α -tocopherol 223
- TAVILL, A.S., see Cooksley, W.G.E. *et al.*
- THEILE, H.M., see Hankin, M.E. *et al.*
- THOMPSON, G.R., HEATH, J. & PRESS, M. Changes in the fatty acid composition of plasma lipoproteins during administration of Intralipid to a patient with essential fatty acid deficiency 387
- TOMLINSON, S., BARLING, P.M., ALBANO, J.D.M., BROWN, B.L. & O'RIORDAN, J.L.H. The effects of exogenous parathyroid hormone on plasma and urinary adenosine 3',5'-cyclic monophosphate in man 481
- TRIPP, E., see Lavoie, A. *et al.*
- TUDHOPE, G.R., see Hopkins, J. & Tudhope, G.R.
- TUN CHOT, S., see Eastwood, J.B. *et al.*
- UHLENDORF, B.W., see Dillon, M.J. *et al.*
- VANDONGEN, R. & PEART, W.S. The inhibition of renin secretion by alpha-adrenergic stimulation in the isolated rat kidney 471
- VAN YPERSELE DE STRIHOU, C., see Stănescu, D.C. *et al.*
- VEJBY-CHRISTENSEN, H., see Petersen, E.S. *et al.*
- VENETIANER, A., DALLMANN, L., LÁSZLÓ, A. & BURG, K. Detection of mucopolysaccharid-oses by sulphate incorporation into stimulated lymphocytes 399
- VERITER, C., see Stănescu, D.C. *et al.*
- WAGNILD, J.P., GUTMANN, F.D. & RIESELBACH, R.E. Influence of hydrostatic and oncotic pressure on sodium reabsorption in the unilateral pyelonephritic dog kidney 367
- WAHREN, J., see Landin, S. *et al.*
- WALKER, B.E., KELLEHER, J., DIXON, M.F. & LOSOWSKY, M.S. Vitamin E protection of the liver from paracetamol in the rat 449
- WALKER, J., see Fairweather, L.J. *et al.*
- WEISS, Y.A., see Safar, M.E. *et al.*
- WESTON, M.J., see Gazzard, B.G. *et al.*
- WHICHELOW, M.J., see Cox, B.D. *et al.*
- WILEY, R.L., see Marcus, D.F. *et al.*
- WILLIAMS, R., see Gazzard, B.G. *et al.*
- WISE, I.J., see Dillon, M.J. *et al.*
- WOOD, G.C., see Pryce-Jones, R.H. *et al.*
- WOOTTON, R. The single-passage extraction of ^{18}F in rabbit bone 73
- WU, A., GRANT, D.B., HAMBLEY, J. & LEVI, A.J. Reduced serum somatomedin activity in patients with chronic liver disease 359
- WYNN, V., see Kissebah, A.H. *et al.*

SUBJECT INDEX

- Acetoacetate, blood, human, seasonal variation in concentration of lipase activity in PERSSON, B. 631-634
- Adenosine 3',5'-cyclic monophosphate, effects of exogenous parathyroid hormone on plasma and urine content of, in man TOMLINSON, S., BARLING, P.M., ALBANO, J.D.M., BROWN, B.L. & O'RIORDAN, J.L.H. 481-492
- Adenosine triphosphatase, sodium-plus-potassium-ion-stimulated, effect of prolonged ethanol treatment on the content of, in cultured human and mouse cells LINDSAY, R. 639-642
- Adenosine triphosphate, arterial concentration and leg exchange of, during exercise in patients with Parkinson's disease LANDIN, S., HAGENFELDT, L., SALTIN, B. & WAHREN, J. 493-560
- Adipose tissue, subcutaneous, human, seasonal variation of lipoprotein lipase activity in PERSSON, B. 631-634
- Adrenal cortex, function of, in obesity and Cushing's syndrome HANKIN, M.E., THEILE, H.M. & STEINBECK, A.W. 119-129
- Adsorption, effects of polymer coating of activated charcoal on, of paracetamol GAZZARD, B.G., LANGLEY, P.G., WESTON, M.J., DUNLOP, E.H. & WILLIAMS, R. 97-104
- Ageing, variation in glomerular sialic acid content in DE BATS, A., GORDON, A.H. & RHODES, E.L. 93-95
- Albumin, plasma, human, non-esterified fatty acids and the binding of tryptophan to CURZON, G., FRIEDEL, J., KATAMANENI, B.D., GREENWOOD, M.H. & LADER, M.H. 415-424
- Aldosterone, control of secretion of, in nephrectomized man GOODWIN, T.J., JAMES, V.H.T. & PEART, W.S. 235-248
- Aldosterone, regulation of, during diuresis in patients with gross congestive heart failure NICHOLLS, M.G., ESPINER, E.A., DONALD, R.A. & HUGHES, H. 301-315
- Allopurine, variations in metabolism of, by xanthinuric subjects SIMMONDS, H.A., LEVIN, B. & CAMERON, J.S. 173-178
- 5-Aminolaevulinic acid dehydrase, mechanism of inhibitory effect of lead on activity of, in man HOWARD, J.K. 515-420
- Amino terminus, immunological properties of, of human parathyroid hormone and of synthetic fragments HENDY, G.N., BARLING, P.M. & O'RIORDAN, J.L.H. 567-576
- Ammonia, plasma, concentration of, in liverless and eviscerated rats with experimental acute hepatic encephalopathy DEGOS, F., DEGOS, J.-D., BOURDIAU, D., PEIGNOUX, M., PRANDI, D., ROCHE-SICOT, J., SICOT, C., RUEFF, B. & BENHAMOU, J.-P. 599-608
- Anaemia, megaloblastic, error in vitamin B₁₂ metabolism producing DILLON, M.J., ENGLAND, J.M., GOMPERTZ, D., GOODEY, P.A., GRANT, D.B., HUSSEIN, H.A.-A., LINNELL, J.C., MATTHEWS, D.M., MUDD, S.H., NEWNS, G.H., SEAKINS, J.W.T., UHLENDORF, B.W. & WISE, I.J. 43-61
- Angiotensin, comparison of effects of local infusion of, on hand veins and forearm arteries in man COLLIER, J.G. & ROBINSON, B.F. 189-192
- Angiotensin II, plasma, changes in activity of renin and in concentration of, during acute renal failure in rats MATTHEWS, P.G., MORGAN, T.O. & JOHNSON, C.I. 79-88

- Anticonvulsants, plasma γ -glutamyl transpeptidase activity and urinary D-glucaric acid excretion in children during therapy with DAVIDSON, D.C., MCINTOSH, W.B. & FORD, J.A. 279-283
- Antidiuresis, carbamazepine and, in man MEINDERS, A.E., CEJKA, V. & ROBERTSON, G.L. 289-299
- Antioxidant, activity of, in human serum STOCKS, J., GUTTERIDGE, J.M.C., SHARP, R.J. & DORMANDY, T.L. 223-233
- Antioxidant, use of brain homogenate for assay of activity of, in biological fluids STOCKS, J., GUTTERIDGE, J.M.C., SHARP, R.J. & DORMANDY, T.L. 215-222
- Arginine vasopressin, plasma concentrations of, during administration of carbamazepine MEINDERS, A.E., CEJKA, V. & ROBERTSON, G.L. 289-299
- Ascorbic acid, effect of intra-arterial insulin on the peripheral metabolism of, in diabetics and non-diabetics COX, B.D., WHICHELOW, M.J., BUTTERFIELD, W.J.H. & NICHOLAS, P. 63-72
- Asthma, bronchial, chronic, time-course of response to prednisolone in ELLUL-MICALLEF, R., BORTHWICK, R.C. & MCHARDY, G.J.R. 105-117
- Autonomic blockade, effect of, on the transient changes in cardiac frequency on relief of hypoxia in man PETERSEN, E.S., VEJBY-CHRISTENSEN, H.H. & NIELSEN, T.M. 521-530
- Bendrofluazide, effect of, and frusemide on the ventilatory response to carbon dioxide and hypoxia in normal man LEITCH, A.G., CLANCY, L. & FLENLEY, D.C. 377-385
- Bile acid, sequestration of, with colestipol and changes in plasma lipoprotein lipids in hypercholesterolaemic patients CLIFTON-BLIGH, P., MILLER, N.E. & NESTEL, P.J. 547-557
- Bile, release of vitamin B₁₂ into, and transcobalamin II synthesis in the rat COOKSLEY, W.G.E., ENGLAND, J.M., LOUIS, L., DOWN, M.C. & TAVILL, A.S. 531-545
- Blood pressure, changes in, produced by kidney cross-transplantation between spontaneously hypertensive rats and normotensive rats BIANCHI, G., FOX, U., DI FRANCESCO, G.F., GIOVANETTI, A.M. & PAGETTI, D. 435-448
- Blood vessels, comparison of effects of locally infused angiotensin I and II on, of hand and forearm in man COLLIER, J.G. & ROBINSON, B.F. 189-192
- Blood volume, cardiopulmonary, borderline hypertension and SAFAR, M.E., WEISS, Y.A., LONDON, G.M., FRACKOWIAK, R.F. & MILLIEZ, P.L. 153-164
- Bone, contrasting effects on histology of, of vitamin D and of calcium carbonate in the osteomalacia of chronic renal failure EASTWOOD, J.B., BORDIER, P.J., CLARKSON, E.M., TUN P.J. CHOT, S. & DE WARDENER, H.E. 23-42
- Bone, rabbit, single-passage extraction of ¹⁸F in WOOTTON, R. 73-77
- Brain, assay using homogenate of, for measurement of antioxidant activity of biological fluids STOCKS, J., GUTTERIDGE, J.M.C., SHARP, R.J. & DORMANDY, T.L. 215-222
- Brain, effect of extracts of, on urinary sodium excretion in the rat and the intercellular sodium concentration of renal tubule fragments CLARKSON, E.M., KOUTSAIMANIS, K.G., DAVIDMAN, M., DU BOIS, M., PENN, W.R. & DE WARDENER, H.E. 201-213
- Breath-holding, factors influencing relief of discomfort in, in normal subjects RIGG, J.R.A., REBUCK, A.S. & CAMPBELL, E.J.M. 193-199
- Bronchitis, obstructive, chronic, cardiorespiratory adaptations at the start of exercise in normal subjects and in patients with SPIRO, S.G., HAHN, H.L., EDWARDS, R.H.T. & PRIDE, N.B. 165-172

- Caeruloplasmin, antioxidant activity of serum as a function of STOCKS, J., GUTTERIDGE, J.M.C., SHARP, R.J. & DORMANDY, T.L. 223-233
- Calcium carbonate, contrasting effects on bone histology of, and of vitamin D in the osteomalacia of chronic renal failure EASTWOOD, J.B., BORDIER, P.J., CLARKSON, E.M., TUN CHOT, S. & DE WARDENER, H.E. 23-42
- Calcium oxalate crystalluria, effect on ethane-1-hydroxy-1,1-diphosphonate on, in recurrent renal stone-formers ROBERTSON, W.G., PEACOCK, M., MARSHALL, R.W. & KNOWLES, F. 13-22
- Calculi, renal, effect of ethane-1-hydroxy-1,1-diphosphonate on, in recurrent renal stone-formers ROBERTSON, W.G., PEACOCK, M., MARSHALL, R.W. & KNOWLES, F. 13-22
- Carbamazepine, antidiuretic action of, in man MEINDERS, A.E., CEJKA, V. & ROBERTSON, G.L. 289-299
- Carbon dioxide, effect of bendrofluazide and frusemide on the ventilatory response to, in normal man LEITCH, A.G., CLANCY, L. & FLENLEY, D.C. 377-385
- Carbon dioxide, ventilatory response to, in patients recovered from cardiogenic pulmonary oedema SPIERER, M. 285-288
- Cardiopulmonary blood volume, borderline hypertension and SAFAR, M.E., WEISS, Y.A., LONDON, G.M., FRACKOWIAK, R.F. & MILLIEZ, P.L. 153-164
- Charcoal, activated, polymer coating of, and its effects on biocompatibility and paracetamol binding GAZZARD, B.G., LANGLEY, P.G., WESTON, M.J., DUNLOP, E.H. & WILLIAMS, R. 97-104
- Chenodeoxycholic acid, turnover of, and faecal excretion of neutral steroids in normolipaemic subjects given deoxycholic acid EINARSSON, K., HELLSTRÖM, K. & KALLNER, M. 425-433
- Cholesterol, influence of feeding with deoxycholic acid on the elimination of, in normolipaemic subjects EINARSSON, K., HELLSTRÖM, K. & KALLNER, M. 425-433
- Cholic acid, turnover of, and faecal excretion of neutral steroids in normolipaemic subjects given deoxycholic acid EINARSSON, K., HELLSTRÖM, K. & KALLNER, M. 425-433
- Cobalamins, mental retardation, megaloblastic anaemia, methylmalonic aciduria and abnormal homocysteine metabolism due to error in metabolism of DILLON, M.J., ENGLAND, J.M., COMPERTZ, D., GOODEY, P.A., GRANT, D.B., HUSSEIN, H.A.-A., LINNELL, J.C., MATTHEWS, D.M., MUDD, S.H., NEWNS, G.H., SEAKINS, J.H.T., UHLENDORF, B.W. & WISE, I.J. 43-61
- Colestipol, changes in plasma lipoprotein lipids in hypercholesterolaemic patients treated with CLIFTON-BLIGH, P., MILLER, N.E. & NESTEL, P.J. 547-557
- Converting enzyme, effects of locally infused angiotensin I and II and evidence for activity of, in limb vessels of man COLLIER, J.G. & ROBINSON, B.F. 189-192
- Corticosteroids, time-course of response of patients with bronchial asthma to ELLUL-MICALLEF, F., BORTHWICK, R.C. & MCHARDY, G.J.R. 105-117
- Corticosteroids, urinary excretion of, in normal and obese women and patients with Cushing's syndrome HANKIN, M.E., THEILE, H.M. & STEINBECK, A.W. 119-129
- Cortisol, arteriovenous studies on the uptake and metabolism of, in the human forearm ASMAL, A.C., BUTTERFIELD, W.J.H., COLLINS, K.J. & FEW, J.D. 345-358
- Creatine phosphate, arterial concentration and leg exchange of, during exercise in patients with Parkinson's disease LANDIN, S., HAGENFELDT, L., SALTIN, B. & WAHREN, J. 493-506
- Cross-circulation, effect of, on hepatic encephalopathy in the rat ROCHE-SICOT, J., SICOT, C., PEIGNOUX, M., BOURDIAU, D., DEGOS, F., DEGOS, J.-D., PRANDI, D., RUEFF, B. & BENHAMOU, J.-P. 609-615

- Crystalluria, calcium oxalate, effect of ethane-1-hydroxy-1,1-diphosphate on, in recurrent renal stone-formers ROBERTSON, W.G., PEACOCK, M., MARSHALL, R.W. & KNOWLES, F. 13-22
- Cushing's syndrome, adrenocortical function in obesity and HANKIN, M.E., THEILE, H.M. & STEINBECK, A.W. 119-129
- Cyclic AMP, *see* Adenosine 3',5'-cyclic monophosphate
- Cysteine, intestinal absorption of cystine and, in normal human subjects and patients with cystinuria SILK, D.B.A., PERRETT, D., STEPHENS, A.D., CLARK, M.L. & SCOWEN, E.F. 393-397
- Cystine, intestinal absorption of cysteine and, in normal human subjects and patients with cystinuria SILK, D.B.A., PERRETT, D., STEPHENS, A.D., CLARK, M.L. & SCOWEN, E.F. 393-397
- Cystinuria, intestinal absorption of cystine and cysteine in normal subjects and patients with SILK, D.B.A., PERRETT, D., STEPHENS, A.D., CLARK, M.L. & SCOWEN, E.F. 393-397
- Deconvolution, analysis by, of results from radioisotope renography REEVE, J. & CRAWLEY, J.C.W. 317-330
- Deoxycholic acid, influence of feeding with, on the elimination of cholesterol in normolipaemic subjects EINARSSON, K., HELLSTRÖM, K. & KALLNER, M. 425-433
- Diabetes mellitus, effect of intra-arterial insulin on the peripheral metabolism of vitamin C in patients with, and in non-diabetics COX, B.D., WHICHELOW, M.J., BUTTERFIELD, W.J.H. & NICHOLAS, P. 63-72
- Diabetes mellitus, variation in glomerular sialic acid content in DE BATS, A., GORDON, A.H. & RHODES, E.L. 93-95
- Diaphragm, afferent impulses in contractions of, as mechanism of relief of discomfort in breath-holding in normal subjects RIGG, J.R.A., REBUCK, A.S. & CAMPBELL, E.J.M. 193-199
- 2,3-Diphosphoglycerate, concentrations of, and the dissociation of oxyhaemoglobin in ventilatory failure FAIRWEATHER, L.J., WALKER, J. & FLENLEY, D.C. 577-588
- Diuresis, aldosterone and its regulation during, in patients with gross congestive heart failure NICHOLS, M.G., ESPINER, E.A., DONALD, R.A. & HUGHES, H. 301-315
- Electroencephalography, comparison of changes on, in the liverless and the eviscerated rat with experimental acute hepatic encephalopathy DEGOS, F., DEGOS, J.-D., BOURDIAU, D., PEIGNOUX, M., PRANDI, D., ROCHE-SICOT, J., SICOT, G., RUEFF, B. & BENHAMOU, J.-P. 599-608
- Encephalopathy, hepatic, acute, effect of cross-circulation on ROCHE-SICOT, J., SICOT, C., PEIGNOUX, M., BOURDIAU, D., DEGOS, F., DEGOS, J.-D., PRANDI, D., RUEFF, B. & BENHAMOU, J.-P. 609-615
- Encephalopathy, hepatic, acute, experimental, comparison of electroencephalographic changes in, in the liverless and the eviscerated rat DEGOS, F., DEGOS, J.-D., BOURDIAU, D., PEIGNOUX, M., PRANDI, D., ROCHE-SICOT, J., SICOT, G., RUEFF, B. & BENHAMOU, J.-P. 599-608
- Erythrocyte, enzymes of, and susceptibility to formation of Heinz bodies HOPKINS, J. & TUDHOPE, G.R. 643-647
- Ethane-1-hydroxy-1,1-diphosphonate, effect of, on calcium oxalate crystalluria in recurrent renal stone-formers ROBERTSON, W.G., PEACOCK, M., MARSHALL, R.W. & KNOWLES, F. 13-22

- Ethanol, effect of prolonged treatment with, on the sodium-plus-potassium-ion-stimulated adenosine triphosphatase content of cultured human and mouse cells LINDSAY, R. 639-642
- Exercise, cardiorespiratory adaptations at the start of, in normal subjects and in patients with chronic obstructive bronchitis SPIRO, S.G., HAHN, H.L., EDWARDS, R.H.T. & PRIDE, N.B. 165-172
- Exercise, muscle metabolism during, in patients with Parkinson's disease LANDIN, S., HAGENFELDT, L., SALTIN, B. & WAHREN, J. 493-506
- Exercise, static, effects in man of, on intraocular pressure MARCUS, D.F., EDELHAUSER, H.F., MAKSUD, M.G. & WILEY, R.L. 249-257
- Eye, human, effects of a sustained muscular contraction on pressure in MARCUS, D.F., EDELHAUSER, H.F., MAKSUD, M.G. & WILEY, R.L. 249-257
- Fatty acid, changes in composition of, of plasma lipoproteins during administration of Intralipid to a patient with essential fatty acid deficiency THOMPSON, G.R., HEATH, J. & PRESS, M. 387-392
- Fatty acid, free, plasma, transport kinetics for triglyceride and, in man KISSEBAH, A.H., ADAMS, P.W. & WYNN, V. 259-278
- Fatty acids, non-esterified, and the binding of tryptophan in human plasma CURZON, G., FRIEDEL, J., KATAMANENI, B.D., GREENWOOD, M.H. & LADER, M.H. 415-424
- [¹⁸F]Fluoride, single-passage extraction of, in rabbit bone WOOTTON, R. 73-77
- Folic acid, effect of, on methylfolate metabolism and pteroylpolylglutamate synthesis in normal and vitamin B₁₂-deficient human lymphocytes LAVOIE, A., TRIPP, E. & HOFFBRAND, A.V. 617-630
- Forearm, comparison of effects of locally infused angiotensin I and II on arteries of, and hand veins in man COLLIER, J.G. & ROBINSON, B.F. 189-192
- Forearm, human, arteriovenous studies in, on the uptake and metabolism of cortisol ASMAL, A.C., BUTTERFIELD, W.J.H., COLLINS, K.J. & FEW, J.D. 345-358
- Fruzemide, effect of, and bendrofluzide on the ventilatory response to carbon dioxide and hypoxia in normal man LEITCH, A.G., CLANCY, L. & FLENLEY, D.C. 377-385
- Gastric secretion, a modification of the two-component hypothesis of HOBBSLEY, M. 131-141
- Glomerulonephritis, proliferative, acute, platelet survival in CARRUTHERS, J.A., RALFS, I., GIMLETTE, T.M.D. & FINN, R. 507-513
- D-Glucaric acid, assessment of plasma γ -glutamyl transpeptidase activity and excretion of, as indices of enzyme induction DAVIDSON, D.C., MCINTOSH, W.B. & FORD, J.A. 279-283
- Glucose, arterial concentration and leg exchange of, during exercise in patients with Parkinson's disease LANDIN, S., HAGENFELDT, L., SALTIN, B. & WAHREN, J. 493-506
- Glucose, blood, human, seasonal variation in concentration of PERSSON, B. 631-634
- Glucose, effect of, on the urinary excretion of sodium and hydrogen ion in man GARNETT, E.S. & NAHMAS, C. 589-598
- Glucose 6-phosphate dehydrogenase, activity of, in human erythrocytes in normal subjects and in persons exposed to lead HOWARD, J.K. 515-520
- γ -Glutamyl transpeptidase, plasma, assessment of activity of, and urinary D-glucaric acid excretion as indices of enzyme induction DAVIDSON, D.C., MCINTOSH, W.B. & FORD, J.A. 279-283

- Glutathione peroxidase, deficiency of, with increased susceptibility to erythrocyte Heinz body formation HOPKINS, J. & TUDHOPE, G.R. 643-647
- Glutathione reductase, activity of, in human erythrocytes in normal subjects and in persons exposed to lead HOWARD, J.K. 515-520
- Granulocytes, blood, comparison of enzyme activity of, with properties of neutral protease from human rheumatoid synovial fluid PRYCE-JONES, R.H., SAKLATVALA, J. & WOOD, G.C. 403-414
- Guidance for authors i-xvii
- Haemodialysis, lung function in chronic uraemia before and after removal of excess of fluid by STĂNESCU, D.C.M., VERITER, C., DE PLAËN, J.F., FRANS, A., VAN YPERSELE DE STRIHOU, C. & BRASSEUR, L. 143-151
- Hand, comparison of effects of locally infused angiotensin I and II on veins of, and forearm arteries in man COLLIER, J.G. & ROBINSON, B.F. 189-192
- Hand, response of blood flow in, to acute insulin-induced hypoglycaemia MIDDLETON, W.G. & FRENCH, E.B. 461-470
- Heart failure, congestive, gross, aldosterone and its regulation during diuresis in patients with NICHOLLS, M.G., ESPINER, E.A., DONALD, R.A. & HUGHES, H. 301-315
- Heart rate, effect of autonomic blockade on the transient changes in, on relief of hypoxia in man PETERSEN, E.S., VEJBY-CHRISTENSEN, H.H. & NIELSEN, T.M. 521-530
- Heinz bodies, erythrocyte, glutathione peroxidase deficiency with increased susceptibility to formation of HOPKINS, J. & TUDHOPE, G.R. 643-647
- Hepatectomy, electroencephalographic effects of, in the rat DEGOS, F., DEGOS, J.-D., BOURDIAU, D., PEIGNOUX, M., PRANDI, D., ROCHE-SICOT, J., SICOT, C., RUEFF, B. & BENHAMOU, J.-P. 599-608
- HeLa cells, cultured, human, effect of prolonged ethanol treatment on the sodium-plus-potassium-ion-stimulated adenosine triphosphatase content of LINDSAY, R. 639-642
- Homocysteine, error in vitamin B₁₂ metabolism producing abnormal metabolism of DILLON, M.J., ENGLAND, J.M., GOMPERTZ, D., GOODEY, P.A., GRANT, D.B., HUSSEIN, H.A.-A., LINNELL, J.C., MATTHEWS, D.M., MUDD, S.H., NEWNS, G.H., SEAKINS, J.W.T., UHLENDORF, B.W. & WISE, I.J. 43-61
- Hydrocortisone, *see* Cortisol
- Hydrogen ion, effect in man of glucose on the urinary excretion of sodium and GARNETT, E.S. & NAHMIA, C. 589-598
- Hyperbetalipoproteinaemia, familial, metabolism of low-density lipoprotein in a patient with REICHL, D., SIMONS, L.A. & MYANT, N.B. 635-638
- Hypercholesterolaemia, changes in plasma lipoprotein lipids in patients with, treated with colestipol CLIFTON-BLIGH, P., MILLER, N.E. & NESTEL, P.J. 547-557
- Hypertension, borderline, cardiopulmonary blood volume in SAFAR, M.E., WEISS, Y.A., LONDON, G.M., FRACKOWIAK, R.F. & MILLIEZ, P.L. 153-164
- Hypertension, renal, experimental, changes in body fluid distribution and interstitial tissue compliance during the development and reversal of, in the rat LUCAS, J. & FLOYER, M.A. 1-11
- Hypertension, spontaneous, blood pressure changes produced by kidney cross-transplantation between normotensive rats and rats with BIANCHI, G., FOX, U., DI FRANCESCO, G.F., GIOVANETTI, A.M. & PAGETTI, D. 435-448

- Hypoglycaemia, acute, peripheral vasodilator response to, induced by insulin in man
MIDDLETON, W.G. & FRENCH, E.B. 461-470
- Hypoxia, effect of autonomic blockade on the transient changes in cardiac frequency in man on relief of PETERSEN, E.S., VEJBY-CHRISTENSEN, H.H. & NIELSEN, T.M. 521-530
- Hypoxia, effect of bendrofluazide and frusemide on the ventilatory response to, in normal man
LEITCH, A.G., CLANCY, L. & FLENLEY, D.C. 377-385
- Induction, enzyme, assessment of plasma γ -glutamyl transpeptidase activity and D-glucaric acid excretion as indices of DAVIDSON, D.C., MCINTOSH, W.B. & FORD, J.A. 279-283
- Insulin, effect of intra-arterial injection of, on the peripheral metabolism of vitamin C in diabetics and non-diabetics COX, B.D., WHICHELOW, M.J., BUTTERFIELD, W.J.H. & NICHOLAS, P. 63-72
- Insulin, peripheral vasodilator response in man to acute hypoglycaemia induced by MIDDLETON, W.G. & FRENCH, E.B. 461-470
- Interstitial tissue, changes in body fluid distribution and compliance of, during the development and reversal of experimental renal hypertension in the rat LUCAS, J. & FLOYER, M.A. 1-11
- Intralipid, changes in fatty acid composition of plasma lipoproteins during administration of, to a patient with essential fatty acid deficiency THOMPSON, G.R., HEATH, J. & PRESS, M. 387-392
- Intraocular pressure, effects in man of a sustained muscular contraction on MARCUS, D.F., EDELHAUSER, H.F., MAKSUD, M.G. & WILEY, R.L. 249-257
- Inulin, serial studies of renal clearance of, during pregnancy and after the puerperium in normal women SEMPLE, P.F., CARSWELL, W. & BOYLE, J.A. 559-565
- Kidney, blood pressure changes produced by cross-transplantation of, between spontaneously hypertensive rats and normotensive rats BIANCHI, G., FOX, U., DI FRANCESCO, G.F., GIOVANETTI, A.M. & PAGETTI, D. 435-448
- Kidney, control of aldosterone secretion after removal of, in man GOODWIN, T.J., JAMES, V.H.T. & PEART, W.S. 235-248
- Kidney, dog, influence of hydrostatic and oncotic pressure on sodium reabsorption in, with unilateral pyelonephritis WAGNILD, J.P., GUTMANN, F.D. & RIESELBACH, R.E. 367-376
- Kidney, effect of brain extracts on urinary sodium excretion in the rat and the intracellular sodium concentration of tubule fragments from CLARKSON, E.M., KOUTSAIMANIS, K.G., DAVIDMAN, M., DU BOIS, M., PENN, W.R. & DE WARDENER, H.E. 201-213
- Kidney, rat, isolated, inhibition of renin secretion by alpha-adrenergic stimulation of VANDONGEN, R. & PEART, W.S. 471-479
- Kidney, specificity of blockade of release of renin from, by propranolol in the cat JOHNS, E.J. & SINGER, B. 331-343
- Lactate, arterial concentration and leg exchange of, during exercise in patients with Parkinson's disease LANDIN, S., HAGENFELDT, L., SALTIN, B. & WAHREN, J. 493-506
- Lead, activities of human erythrocyte glutathione reductase and glucose 6-phosphate dehydrogenase in normal subjects and in persons exposed to HOWARD, J.K. 515-520
- Leucocytes, polymorphonuclear, neutral protease from, of human rheumatoid synovial fluid PRYCE-JONES, R.H., SAKLATVALA, J. & WOOD, G.C. 403-414

- Lipid, inhibition of autoxidation of, by human serum and its relation to serum proteins and α -tocopherol STOCKS, J., GUTTERIDGE, J.M.C., SHARP, R.J. & DORMANDY, T.L. 223-233
- Lipoprotein lipase, seasonal variation of activity of, in human subcutaneous adipose tissue PERSSON, B. 631-634
- Lipoprotein, low-density, metabolism of, in a patient with familial hyperbetalipoproteinaemia REICHL, D., SIMONS, L.A. & MYANT, N.B. 635-638
- Lipoproteins, plasma, changes in fatty acid composition of, during administration of Intralipid to a patient with essential fatty acid deficiency THOMPSON, G.R., HEATH, J. & PRESS, M. 387-392
- Lipoprotein, plasma, changes in lipids of, in hypercholesterolaemic patients treated with colestipol CLIFTON-BLIGH, P., MILLER, N.E. & NESTEL, P.J. 547-557
- Liver, rat, release of vitamin B₁₂ and transcobalamin II synthesis studied by perfusion of COOKSLEY, W.G.E., ENGLAND, J.M., LOUIS, L., DOWN, M.C. & TAVILL, A.S. 531-545
- Liver, reduced serum somatomedin activity in patients with chronic disease of WU, A., GRANT, D.B., HAMBLEY, J. & LEVI, A.J. 359-366
- Lung, function of, in chronic uraemia before and after removal of excess of fluid by haemodialysis STĂNESCU, D.C.M., VERITER, C., DE PLAEN, J.F., FRANS, A., VAN YPERSELE DE STRIHOU, C. & BRASSEUR, L. 143-151
- Lymphocytes, stimulated, detection of mucopolysaccharidoses by incorporation of sulphate into VENETIANER, A., DALLMANN, L., LASZLO, A. & BURG, K. 399-402
- Mental deficiency, error in vitamin B₁₂ metabolism producing DILLON, M.J., ENGLAND, J.M., GOMPERTZ, D., GOODEY, P.A., GRANT, D.B., HUSSEIN, H.A.-A., LINNELL, J.C., MATTHEWS, D.M., MUDD, S.H., NEWNS, G.H., SEAKINS, J.W.T., UHLENDORF, B.W. & WISE, I.J. 43-61
- Mestranol, redistribution of body sodium in women on long-term therapy with AITKEN, J.M., LINDSAY, R. & HART, D.M. 179-187
- Methylfolate, effect of vitamin B₁₂ deficiency on metabolism of, and pteroylpolyglutamate synthesis in human cells LAVOIE, A., TRIPP, E. & HOFFBRAND, A.V. 617-630
- Methylmalonic aciduria, error in vitamin B₁₂ metabolism producing DILLON, M.J., ENGLAND, J.M., GOMPERTZ, D., GOODEY, P.A., GRANT, D.B., HUSSEIN, H.A.-A., LINNELL, J.C., MATTHEWS, D.M., MUDD, S.H., NEWNS, G.H., SEAKINS, J.W.T., UHLENDORF, B.W. & WISE, I.J. 43-61
- Microparticles, ⁵¹Cr-labelled, comparison of uptake of ¹⁸F and, in rabbit bone after intra-arterial injection WOOTTON, R. 73-77
- Mucopolysaccharidoses, detection of, by sulphate incorporation into stimulated lymphocytes VENETIANER, A., DALLMANN, L., LÁSZLÓ, A. & BURG, K. 399-402
- Muscle, metabolism in, during exercise in patients with Parkinson's disease LANDIN, S., HAGENFELDT, L., SALTIN, B. & WAHREN, J. 493-506
- Muscle, skeletal, effects of a sustained contraction of, on human intraocular pressure MARCUS, D.F., EDELHAUSER, H.F., MAKSUD, M.G. & WILEY, R.L. 249-257
- Natriuretic hormone, hypothalamic origin of CLARKSON, E.M., KOUTSAIMANIS, K.G., DAVIDMAN, M., DU BOIS, M., PENN, W.R. & DE WARDENER, H.E. 201-213

- Nephrectomy, control of aldosterone secretion after, in man GOODWIN, T.J., JAMES, V.H.T. & PEART, W.S. 235-248
- Neurohypophyseal diabetes insipidus, antidiuretic action of carbamazepine on patients with MEINDERS, A.E., CEJKA, V. & ROBERTSON, G.L. 289-299
- Noradrenaline, effect of, on renin secretion in the isolated rat kidney VANDONGEN, R. & PEART, W.S. 471-479
- Obesity, adrenocortical function in, and Cushing's syndrome HANKIN, M.E., THEILE, H.M. & STEINBECK, A.W. 119-129
- Oedema, pulmonary, cardiogenic, ventilatory response to carbon dioxide in patients recovered from SPIERER, M. 285-288
- Oestrogen, redistribution of body sodium in women on long-term therapy with AITKEN, J.M., LINDSAY, R. & HART, D.M. 179-187
- Osteomalacia, contrasting effects on bone histology of vitamin D and of calcium carbonate in, of chronic renal failure EASTWOOD, J.B., BORDIER, P.J., CLARKSON, E.M., TUN CHOT, S. & DE WARDENER, H.E. 23-42
- Oxygen dissociation curve, 2,3-diphosphoglycerate concentrations and, in ventilatory failure FAIRWEATHER, L.J., WALKER, J. & FLENLEY, D.C. 577-588
- Oxygen, effect of, at high pressures on sodium transfer across isolated frog skin NORMAN, J.N., SHEARER, J.R. & SMITH, G. 89-92
- Oxyhaemoglobin, 2,3-diphosphoglycerate concentrations and the dissociation of, in ventilatory failure FAIRWEATHER, L.J., WALKER, J. & FLENLEY, D.C. 577-588
- Paracetamol, polymer coating of activated charcoal and its effects on biocompatibility and binding of GAZZARD, B.G., LANGLEY, P.G., WESTON, M.J., DUNLOP, E.H. & WILLIAMS, R. 97-104
- Paracetamol, vitamin E protection of liver from, in the rat WALKER, B.E., KELLEHER, J., DIXON, M.F. & LOSOWSKY, M.S. 449-459
- Parathyroid hormone, exogenous, effects of, on plasma and urinary adenosine 3',5'-cyclic monophosphate in man TOMLINSON, S., BARLING, P.M., ALBANO, J.D.M., BROWN, B.L. & O'RIORDAN, J.L.H. 481-492
- Parathyroid hormone, human, immunological properties of the amino terminus of, and of synthetic fragments HENDY, G.N., BARLING, P.M. & O'RIORDAN, J.L.H. 567-576
- Parkinson's disease, muscle metabolism during exercise in patients with LANDIN, S., HAGENFELDT, L., SALTIN, B. & WAHREN, J. 493-506
- Peptic ulcer, gastric secretion in normal subjects and in patients with HOBBSLEY, M. 131-141
- Peptides, synthetic, immunological properties of, of parathyroid hormone HENDY, G.N., BARLING, P.M. & O'RIORDAN, J.L.H. 567-576
- Perfusion technique, intestinal, use of, to study absorption of L-cysteine and L-cystine in normal human subjects and patients with cystinuria SILK, D.B.A., PERRETT, D., STEPHENS, A.D., CLARK, M.L. & SCOWEN, E.F. 393-397
- Phenoxybenzamine, effect of, on renin secretion in the isolated rat kidney VANDONGEN, R. & PEART, W.S. 471-479
- Phytohaemagglutinin, effect of vitamin B₁₂ deficiency on metabolism of methylfolate and synthesis of pteroylpolyglutamate in human lymphocytes stimulated by LAVOIE, A., TRIPP, E. & HOFFBRAND, A.V. 617-630

- Platelets, survival of, in acute proliferative glomerulonephritis CARRUTHERS, J.A., RALFS, I., GIMLETTE, T.M.D. & FINN, R. 507-513
- Plethysmography, body, of patients with chronic bronchial asthma in assessment of response to corticosteroid ELLUL-MICALLEF, R., BORTHWICK, R.C. & MCHARDY, G.J.R. 105-117
- Polymer, coating of activated charcoal with, and its effects on biocompatibility and paracetamol binding GAZZARD, B.G., LANGLEY, P.G., WESTON, M.J., DUNLOP, E.H. & WILLIAMS, R. 97-104
- Prednisolone, time-course of response to, in chronic bronchial asthma ELLUL-MICALLEF, R., BORTHWICK, R.C. & MCHARDY, G.J.R. 105-117
- Pregnancy, serial studies of renal clearance of urate and inulin during, and after the puerperium in normal women SEMPLE, P.F., CARSWELL, W. & BOYLE, J.A. 559-565
- Pressure, hydrostatic and oncotic, influence of, on sodium reabsorption in the unilateral pyelonephritic dog kidney WAGNILD, J.P., GUTMANN, F.D. & RIESELBACH, R.E. 367-376
- Propranolol, effect of, on renin secretion in the isolated rat kidney VANDONGEN, R. & PEART, W.S. 471-479
- Propranolol, specificity of blockade of renal renin release by, in the cat JOHNS, E.J. & SINGER, B. 331-343
- Protease, neutral, from polymorphonuclear leucocytes of human rheumatoid synovial fluid PRYCE-JONES, R.H., SAKLATVALA, J. & WOOD, G.C. 403-414
- Pteroylpolyglutamate, effect of vitamin B₁₂ deficiency on metabolism of methylfolate and synthesis of, in human cells LAVOIE, A., TRIPP, E. & HOFFBRAND, A.V. 617-630
- Pulmonary oedema, haemodialysis in chronic uraemia with STĂNESCU, D.C., VERITER, C., DE PLAEN, J.F., FRANS, A., VAN YPERSELE DE STRIHOU, C. & BRASSEUR, L. 143-151
- Purine, effects of allopurinol on urinary excretion of, by xanthinuric subjects SIMMONDS, H.A., LEVIN, B. & CAMERON, J.S. 173-178
- Pyelonephritic kidney, unilateral, influence of hydrostatic and oncotic pressure on sodium reabsorption in the dog with WAGNILD, J.P., GUTMANN, F.D. & RIESELBACH, R.E. 367-376
- Pyloric reflux, consideration of, as factor affecting the two-component hypothesis of gastric secretion HOBBSLEY, M. 131-141
- Pyrimidine, effects of allopurinol on urinary excretion of, by xanthinuric subjects SIMMONDS, H.A., LEVIN, B. & CAMERON, J.S. 173-178
- Renal artery, effect of removal of experimental constriction of, on blood pressure, tissue pressure and body fluid distribution in the hypertensive rat LUCAS, J. & FLOYER, M.A. 1-11
- Renal failure, acute, changes in the renin-angiotensin system during, in rats MATTHEWS, P.G., MORGAN, T.O. & JOHNSON, C.I. 79-88
- Renal failure, chronic, contrasting effects on bone histology of vitamin D and of calcium carbonate in the osteomalacia of EASTWOOD, J.B., BORDIER, P.J., CLARKSON, E.M., TUN CHOT, S. & DE WARDENER, H.E. 23-42
- Renal failure, chronic survival of platelets in patients in CARRUTHERS, J.A., RALFS, I., GIMLETTE, T.M.D. & FINN, R. 507-513
- Renal nerves, effect of propranolol on release of renin due to stimulation of JOHNS, E.J. & SINGER, B. 331-343
- Renin-angiotensin system, changes in, during acute renal failure in rats MATTHEWS, P.G., MORGAN, T.O. & JOHNSON, C.I. 79-88

- Renin, inhibition of secretion of, by alpha-adrenergic stimulation in the isolated rat kidney
VANDONGEN, R. & PEART, W.S. 471-479
- Renin, plasma activity of, during diuresis in patients with gross congestive heart failure
NICHOLLS, M.G., ESPINER, E.A., DONALD, R.A. & HUGHES, H. 301-315
- Renin, specificity of blockade of renal release of, by propranolol in the cat
JOHNS, E.J. & SINGER, B. 331-343
- Renography, radioisotope, quantitative, derivation of physiological data from, by deconvolution analysis using a single-injection technique
REEVE, J. & CRAWLEY, J.C.W. 317-330
- Respiration, control of, and mechanism of relief of discomfort in breath-holding in normal subjects
RIGG, J.R.A., REBUCK, A.S. & CAMPBELL, E.J.M. 193-199
- Respiratory failure, 2,3-diphosphoglycerate concentrations and the dissociation of oxyhaemoglobin in
FAIRWEATHER, L.J., WALKER, J. & FLENLEY, D.C. 577-588
- Rheumatoid arthritis, neutral protease activity of polymorphonuclear leucocytes of synovial fluid from patients with
PRYCE-JONES, R.H., SAKLATVALA, J. & WOOD, G.C. 403-414
- Secretion, gastric, a modification of the two-component hypothesis of
HOBBSLEY, M. 131-141
- Sialic acid, variation in glomerular content of, in diabetes and as the result of ageing
DE BATS, A., GORDON, A.H. & RHODES, E.L. 93-95
- Skin, frog, isolated, effect of hyperbaric oxygen on transfer of sodium across
NORMAN, J.N., SHEARER, J.R. & SMITH, G. 89-92
- Sodium, body, redistribution of, in women on long-term oestrogen therapy
AITKEN, J.M., LINDSAY, R. & HART, D.M. 179-187
- Sodium, effect in man of glucose on the urinary excretion of hydrogen ion and
GARNETT, E.S. & NAHMAS, C. 589-598
- Sodium, effect of brain extracts on urinary excretion and renal tubule intracellular concentration of, in the rat
CLARKSON, E.M., KOUTSAIMANIS, K.G., DAVIDMAN, M., DU BOIS, M., PENN, W.R. & DE WARDENER, H.E. 201-213
- Sodium, effect of hyperbaric oxygen on transfer of, across isolated frog skin
NORMAN, J.N., SHEARER, J.R. & SMITH, G. 89-92
- Sodium, influence of hydrostatic and oncotic pressure on reabsorption of, in the unilateral pyelonephritic dog kidney
WAGNILD, J.P., GUTMANN, F.D. & RIESELBACH, R.E. 367-376
- Somatomedin, serum, reduced activity of, in patients with chronic liver disease
WU, A., GRANT, D.B., HAMBLEY, J. & LEVI, A.J. 359-366
- Sulphate, radioactive, detection of mucopolysaccharidoses by incorporation of, into stimulated lymphocytes
VENETIANER, A., DALLMANN, L., LASZLO, A. & BURG, K. 399-402
- Sulphation factor, *see* Somatomedin
- Synovial fluid, rheumatoid, human, neutral protease from polymorphonuclear leucocytes of
PRYCE-JONES, R.H., SAKLATVALA, J. & WOOD, G.C. 403-414
- α -Tocopherol, inhibition of lipid autoxidation by human serum and its relation to serum proteins and
STOCKS, J., GUTTERIDGE, J.M.C., SHARP, R.J. & DORMANDY, T.L. 223-233
- Transcobalamin II, hepatic vitamin B₁₂ release in the rat and synthesis of
COOKSLEY, W.G.E., ENGLAND, J.M., LOUIS, L., DOWN, M.C. & TAVILL, A.S. 531-545
- Transfer, sodium, effect of hyperbaric oxygen on, across isolated frog skin
NORMAN, J.N., SHEARER, J.R. & SMITH, G. 89-92

- Transferrin, antioxidant activity of serum as a function of STOCKS, J., GUTTERIDGE, J.M.C., SHARP, R.J. & DORMANDY, T.L. 223-233
- Transplant, cross-, blood pressure changes produced by, of kidney between spontaneously hypertensive rats and normotensive rats BIANCHI, G., FOX, U., DI FRANCESCO, G.F., GIOVANETTI, A.M. & PAGETTI, D. 435-448
- Transplantation, renal, control of aldosterone secretion after, in man GOODWIN, T.J., JAMES, V.H.T. & PEART, W.S. 235-248
- Transport, kinetics for, of triglyceride and plasma free fatty acid in man KISSEBAH, A.H., ADAMS, P.W. & WYNN, V. 259-278
- Triglyceride, kinetics for transport of, and plasma free fatty acid in man KISSEBAH, A.H., ADAMS, P.W. & WYNN, V. 259-278
- Tryptophan, unesterified fatty acids and the binding of, in human plasma CURZON, G., FRIEDEL, J., KATAMANENI, B.D., GREENWOOD, M.H. & LADER, M.H. 415-424
- Uraemia, chronic, lung function in, before and after removal of excess of fluid by haemodialysis STĂNESCU, D.C., VERITER, C., DE PLAEN, J.F., FRANS, A., VAN YPERSELE DE STRIHOE, C. & BRASSEUR, L. 143-151
- Urate, serial studies of renal clearance of, during pregnancy and after the puerperium in normal women SEMPLE, P.F., CARSWELL, W. & BOYLE, J.A. 559-565
- Vasodilatation, peripheral, response by, to acute insulin-induced hypoglycaemia in man MIDDLETON, W.G. & FRENCH, E.B. 461-470
- Ventilation, effect of bendrofluazide and frusemide on response of, to carbon dioxide and hypoxia in normal man LEITCH, A.G., CLANCY, L. & FLENLEY, D.C. 377-385
- Ventilation, response of, to carbon dioxide in patients recovered from cardiogenic pulmonary oedema SPIERER, M. 285-288
- Vitamin B₁₂, effect of deficiency of, on methylfolate metabolism and pteroylpolyglutamate synthesis in human cells LAVOIE, A., TRIPP, E. & HOFFBRAND, A.V. 617-630
- Vitamin B₁₂, hepatic release of, and transcobalamin II synthesis in the rat COOKSLEY, W.G.E., ENGLAND, J.M., LOUIS, L., DOWN, M.C. & TAVILL, A.S. 531-545
- Vitamin B₁₂, mental retardation, megaloblastic anaemia, methylmalonic aciduria and abnormal homocysteine metabolism due to error in metabolism of DILLON, M.J., ENGLAND, J.M., GOMPERTZ, D., GOODEY, P.A., GRANT, D.B., HUSSEIN, H.A.-A., LINNELL, J.C., MATTHEWS, D.M., MUDD, S.H., NEWNS, G.H., SEAKINS, J.W.T., UHLENDORF, B.W. & WISE, I.J. 43-61
- Vitamin C, effect of intra-arterial insulin on the peripheral metabolism of, in diabetics and non-diabetics COX, B.D., WHICHELOW, M.J., BUTTERFIELD, W.J.H. & NICHOLAS, P. 63-72
- Vitamin D, contrasting effects on bone histology of, and of calcium carbonate in the osteomalacia of chronic renal failure EASTWOOD, J.B., BORDIER, P.J., CLARKSON, E.M., TUN CHOT, S. & DE WARDENER, H.E. 23-42
- Vitamin E, protection of liver by, from paracetamol in the rat WALKER, B.E., KELLEHER, J., DIXON, M.F. & LOSOWSKY, M.S. 449-459
- Xanthine, variations in allopurinol metabolism by subjects with SIMMONDS, H.A., LEVIN, B. & CAMERON, J.S. 173-178