

**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

- ABRAMS, M., see Stimmler, L. *et al.*  
 ADAMS, P.W., see Rose, D.P. *et al.*  
 ADAMS, W.C., MCHENRY, M.M. & BERNAUER, E.M. Multistage treadmill walking performance and associated cardiorespiratory responses of middle-aged men 355  
 ADAMSON, A.R., see Boyd, G.W. *et al.*  
 AHUMADA, J.J., see Massry, S.G. & Ahumada, J.J.  
 ALBERTI, K.G.M.M., RECORD, C.O., WILLIAMSON, D.H. & WRIGHT, R. Metabolic changes in active chronic hepatitis 591  
 ALLAN, J.G., see Russell, R.I. *et al.*  
 ANDO, T., see Rasmussen, K. *et al.*  
 ARNOLD, MARION, see Boyd, G.W. *et al.*  
 ASATOOR, A.M., see Bourke, E. *et al.*  
 ASTIN, T.W. Reversibility of airways obstruction in chronic bronchitis 725  
  
 BAKE, B., FUGL-MEYER, A.R. & GRIMBY, G. Breathing patterns and regional ventilation distribution in tetraplegic patients and in normal subjects 117  
 BALASUBRAMANIAM, P., see Jowsey, Jenifer & Balasubramaniam, P.  
 BALDOLI, E., see Bianchi, G. *et al.*  
 BALESTRI, P.L., RINDI, P., BIAGINI, M. & GIOVANNETTI, S. Effects of uraemic serum, urea, creatinine and methylguanidine on glucose metabolism 395  
 BARBIN, P., see Bianchi, G. *et al.*  
 BARDI, U., see Bianchi, G. *et al.*  
 BARNETT, D., see Iles, R.A. *et al.*  
 BARTTER, F.C., see Gill, John R., Jr, *et al.*  
 BEILIN, L.J. & ZIAKAS, G. Vascular reactivity in post-deoxycorticosterone hypertension in rats and its relation to 'irreversible' hypertension in man 579  
 BERNAUER, E.M., see Adams, W.C. *et al.*  
 BETTICE, J.A., see Gamble, J.L., Jr, *et al.*  
 BIAGINI, M., see Balestri, P.L. *et al.*  
 BIANCHI, G., BALDONI, E., LUCCA, R. & BARBIN, P. Pathogenesis of arterial hypertension after the constriction of the renal artery leaving the opposite kidney intact both in the anaesthetized and in the conscious dog 651  
 BIANCHI, G., PONTICELLI, C., BARDI, U., REDAELLI, B., CAMPOLO, L., DE PONTI, C. & GRAZIANI, G. Role of the kidney in 'salt and water dependent hypertension' of end-stage renal disease 47  
 BOUCHER, B., see Stimmler, L. *et al.*  
 BOURKE, E., ASATOOR, A.M. & MILNE, M.D. Mechanisms of excretion of some low-molecular-weight bases in the rat 635

- BOYD, G.W., ADAMSON, A.R., ARNOLD, MARION, JAMES, V.H.T. & PEART, W.S. The role of angiotensin II in the control of aldosterone in man 91
- BRADFORD, BERENICE, see Patrick, J. & Bradford, Berenice
- BUCHANAN, W.W., see Dick, W.C. *et al.*
- BUCKALEW, V.M., JR & LANCASTER, C.D., JR. The association of a humoral sodium transport inhibitory activity with renal escape from chronic mineralocorticoid administration in the dog 69
- CAMPOLO, L., see Bianchi, G. *et al.*
- CAYTON, RUTH M. & HOWARD, P. Peripheral airways resistance, static recoil and the forced expiratory volume 505
- CHAMBERLAIN, M.J., see Hosking, D.J. & Chamberlain, M.J.
- CHINN, R.H. & DÜSTERDIECK, GISELA. The response of blood pressure to infusion of angiotensin II: relation to plasma concentrations of renin and angiotensin II 489
- CLARKSON, E.M. & DE WARDENER, H.E. Inhibition of sodium and potassium transport in separated renal tubule fragments incubated in extracts of urine obtained from salt-loaded individuals 607
- CLOUGH, G., see Saxton, C. *et al.*
- COFFMAN, J.D. Total and nutritional blood flow in the finger 243
- COGLAN, J.P., DOYLE, A.E., JERUMS, G. & SCOGGINS, B.A. The effects of sodium loading and deprivation on plasma renin and plasma and urinary aldosterone in hypertension 15
- COHEN, R.D., see Iles, R.A. *et al.*
- COLLINS, K.E., see Dick, W.C. *et al.*
- COOK, G.C. Effect of intraluminal concentrations on the impairment of glycine absorption by glucose in the human jejunum 525
- COTES, J.E., DABBS, J.M., ELWOOD, P.C., HALL, A.M., McDONALD, A. & SAUNDERS, M.J. Iron-deficiency anaemia: its effect on transfer factor for the lung (diffusing capacity) and ventilation and cardiac frequency during sub-maximal exercise 325
- COTTOM, D., see Rasmussen, K. *et al.*
- CRAFT, I., see Stephens, M.E.M. *et al.*
- CRAWLEY, J., see Fluck, D.C. *et al.*
- CROWSHAW, K., see McGiff, J.C. *et al.*
- DABBS, J.M., see Cotes, J.E. *et al.*
- DAVIES, C.T.M. The oxygen-transporting system in relation to age 1
- DELEA, CATHERINE S., see Gill, John R., Jr, *et al.*
- DERENZO, CAROL, see Thilenius, O.G. & Derenzo, Carol
- DE WARDENER, H.E., see Clarkson, E.M. & de Wardener, H.E.
- DICK, W.C., COLLINS, K.E. & BUCHANAN, W.W. Clinical studies on inflammation in small diarthrodial joints. Technetium ( $^{99m}\text{Tc}$ ) percentage uptakes in various arthritides and studies on the effect of aspirin in rheumatoid arthritis 383
- DISSMANN, TH., see Molzahn, M. *et al.*
- DONNELL, G., see Rasmussen, K. *et al.*
- DOWDY, A.J., see Wilkinson, R. *et al.*

- DOYLE, A.E., see Coghlan, J.P. *et al.*
- DÜSTERDIECK, GISELA, see Chinn, R.H. & Düsterdieck, Gisela
- EDE, M.C. MOORE, FAULKNER, M.H. & TREDRE, BARBARA E. An intrinsic rhythm of urinary calcium excretion and the specific effect of bedrest on the excretory pattern 433
- EGGERS, G.W.N., JR, see Kravec, T.F. *et al.*
- ELWOOD, P.C., see Cotes, J.E. *et al.*
- ETHERINGTON, D.J. & TAYLOR, W.H. The proteinases of human gastric adenocarcinoma: their identification, separation and sites of action on the B-chain of oxidized insulin 79
- EVANS, D.J., see Naish, P. *et al.*, see also Swales, J.D. *et al.*
- EVANS, T.R., see Fluck, D.C. *et al.*
- FAULKNER, M.H., see Ede, M.C. Moore *et al.*
- FELL, G.S., see Slater, S.D. & Fell, G.S.
- FLEISCH, H., see Fraser, D. *et al.*
- FLUCK, D.C., EVANS, T.R., SIGGERS, D.C., CRAWLEY, J. & SRIVONGSE, S.A. Distribution of renal blood flow in patients with heart disease 627
- FRASER, D., RUSSELL, R.G.G., POHLER, ORTRUN, ROBERTSON, W.G. & FLEISCH, H. The influence of disodium ethane-1-hydroxy-1,1-diphosphonate (EHDP) on the development of experimentally induced urinary stones in rats 197
- FUGL-MEYER, A.R., see Bake, B. *et al.*
- GAMBLE, J.L., JR, ZUROMSKIS, P.J., BETTICE, J.A. & GINSBERG, R.L. Intracellular buffering in the dog at varying CO<sub>2</sub> tensions 311
- GARDNER, D., see Trenchard, Diana *et al.*
- GERSKOWITCH, V.P., see Russell, R.I. *et al.*
- GIBSON, K., see Tulloch, B.R. *et al.*
- GILL, JOHN R., JR, DELEA, CATHERINE S. & BARTTER, F.C. A role for sodium-retaining steroids in the regulation of proximal tubular sodium reabsorption in man 423
- GINSBERG, R.L., see Gamble, J.L., Jr, *et al.*
- GIOVANNETTI, S., see Balestri, P.L. *et al.*
- GODFREY, S. & WOLF, ELIANA. An evaluation of rebreathing methods for measuring mixed venous P<sub>CO<sub>2</sub></sub> during exercise 345
- GOLDBERG, A., see O'Keane, Maureen *et al.*
- GONZALES, C., see Wilkinson, R. *et al.*
- GRAL, T., see Rettori, V. *et al.*
- GRAZIANI, G., see Bianchi, G. *et al.*
- GRIMBY, G., see Bake, B. *et al.*
- GRIMSHAW, V.A., see Stoker, J.B. *et al.*
- GUZ, A., see Jain, S.K. *et al.*, see also Trenchard, Diana *et al.*
- HACKENG, W.H.L., see Joffe, B.I. *et al.*
- HALIM, S., see Molzahn, M. *et al.*

- HALL, A.M., see Cotes, J.E. *et al.*
- HARDING, P.E., see Rose, D.P. *et al.*
- HARRIS, G.S. & PALMER, W.A. Effect of increased sodium ion on arterial sodium and reactivity 301
- HARRIS, P., see Tulloch, B.R. *et al.*
- HARTDEGEN, R.G., see Joffe, B.I. *et al.*
- HILTON, P.J., see Patrick, J. & Hilton, P.J.
- HOFFBRAND, A.V., see Stephens, M.E.M. *et al.*
- HORNE, C.H.W. & TONER, P.G. The effect of experimental immune complex nephritis on rat serum proteins 743
- HOSKING, D.J. & CHAMBERLAIN, M.J. Studies in man with  $^{18}\text{F}$  153
- HOWARD, P., see Cayton, Ruth M. & Howard, P.
- HULL, D., see Rasmussen, K. *et al.*
- ILES, R.A., BARNETT, D., STRUNIN, L., STRUNIN, J.M., SIMPSON, B.R. & COHEN, R.D. The effect of hypoxia on succinate metabolism in man and the isolated perfused dog liver 35
- JAIN, S.K., SUBRAMANIAN, S., JULKA, D.B. & GUZ, A. Search for evidence of lung chemoreflexes in man: study of respiratory and circulatory effects of phenyl-guanide and lobeline 163
- JAMES, I.M. Electrolyte changes in patients with subarachnoid haemorrhage 179
- JAMES, I.M., MACDONELL, LINDSAY & XANALATOS, C. The effect of acute portacaval shunting in dogs on cerebral and peripheral blood flow and metabolism 769
- JAMES, I.M., see Xanalatos, C. & James, I.M.
- JAMES, V.H.T., see Boyd, G.W. *et al.*
- JERUMS, G., see Coghlan, J.P. *et al.*
- JOFFE, B.I., HACKENG, W.H.L., SEFTEL, H.C. & HARTDEGEN, R.G. Parathyroid-hormone concentrations in nutritional rickets 113
- JOWSEY, JENIFER & BALASUBRAMANIAM, P. Effect of phosphate supplements on soft-tissue calcification and bone turnover 289
- JULKA, D.B., see Jain, S.K. *et al.*
- KAPPAGODA, C.T., see Stoker, J.B. *et al.*
- KETTEL, L.J., see Kravec, T.F. *et al.*
- KILROY, A.W., see Rasmussen, K. *et al.*
- KINNAERT, P., see Verniory, A. *et al.*
- KLASSEN, G.A., see Ogilvie, R.I. & Klassen, G.A.
- KRAVEC, T.F., EGGERS, G.W.N., JR & KETTEL, L.J. Influence of patient age on forearm systemic vascular response to hypoxaemia 555
- KULLMANN, L., STAAL, G.E.J. & WOUTERS, H.W. Increased adenosine triphosphate concentration in erythrocytes in neurofibromatosis 775
- LANCASTER, C.D., JR, see Buckalew, V.M., Jr & Lancaster, C.D., Jr
- LICHARDUS, B. & NIZET, A. Water and sodium excretion after blood volume expansion

- under conditions of constant arterial, venous and plasma oncotic pressures and constant haematocrit 701
- LINDEN, R.J., see Stoker, J.B. *et al.*
- LOHMANN, F.W., see Molzahn M. *et al.*
- LOISELLE, R.J., see Mayron, L.W. & Loisele, R.J.
- LONIGRO, A.J., see McGiff, J.C. *et al.*
- LUCCA, R., see Bianchi, G. *et al.*
- LUETSCHER, J.A., see Wilkinson, R. *et al.*
- LUMBERS, EUGENIE R., see Skinner, S.L. *et al.*
- MACDONELL, LINDSAY, see James, I.M. *et al.*
- MACINTYRE, I., see Williams, C.C. *et al.*
- MCDONALD, A., see Cotes, J.E. *et al.*
- MCGIFF, J.C., CROWSHAW, K., TERRAGNO, N.A., MALIK, K.U. & LONIGRO, A.J. Differential effect of noradrenaline and renal nerve stimulation on vascular resistance in the dog kidney and the release of a prostaglandin E-like substance 223
- MCHENRY, M.M., see Adams, W.C. *et al.*
- MCLAREN, D.S., see Read, W.W.C. *et al.*
- MCNICOL, M.W., see Tattersfield, Anne E. *et al.*
- MAJID, P.A., see Saxton, C. *et al.*
- MALIK, K.U., see McGiff, J.C. *et al.*
- MASHITER, K., see Stimmler, L. *et al.*
- MASSRY, S.G. & AHUMADA, J.J. Renal vasodilatation: studies on the site of action in the nephron 535
- MASSRY, S.G., see Rettori, V. *et al.*
- MATTHEWS, E.W., see Williams, C.C. *et al.*
- MAYRON, L.W. & LOISELLE, R.J. Ragweed pollen: morphological changes on incubation with saliva from ragweed-allergic and non-allergic humans 25
- MILNE, J.S. & WILLIAMSON, J. Respiratory function tests in older people 371
- MILNE, M.D., see Bourke, E. *et al.*
- MOLZAHN, M., DISSMANN, TH., HALIM, S., LOHMANN, F.W. & OELKERS, W. Orthostatic changes of haemodynamics, renal function, plasma catecholamines and plasma renin concentration in normal and hypertensive man 209
- MOORE, M.R., see O'Keane, Maureen *et al.*
- MOSELEY, JANE M., see Williams, C.C. *et al.*
- NAISH, P., PENN, G.B., EVANS, D.J. & PETERS, D.K. The effect of defibrination on nephrotoxic serum nephritis in rabbits 643
- NIZET, A., see Lichardus, B. & Nizet, A.
- NOKES, G.W., see Wilkinson, R. *et al.*
- NYHAN, W.L., see Rasmussen, K. *et al.*
- OELKERS, W., see Molzahn, M. *et al.*
- OGILVIE, R.I. & KLASSEN, G.A. Metabolic effect and uptake of [<sup>3</sup>H]digoxin in the forearm of man 567

- O'KEANE, MAUREEN, MOORE, M.R. & GOLDBERG, A. Elevation of alcohol dehydrogenase activity in the subclinically scorbutic guinea-pig 781
- PALMER, W.A., see Harris, G.S. & Palmer, W.A.
- PARSONS, J.A., see Robinson, C.J. *et al.*
- PATRICK, J. & BRADFORD, BERENICE. A comparison of leucocyte potassium content with other measurements in potassium-depleted rabbits 415
- PATRICK, J. & HILTON, P.J. The measurement of the extracellular space in an *in vitro* system of human leucocytes 647
- PEART, W.S., see Boyd, G.W. *et al.*
- PENN, G.B., see Naish, P. *et al.*
- PETERS, D.K., see Naish, P. *et al.*
- PETERS, T.J., see Stephens, M.E.M. *et al.*
- POHL, J.E.F., THURSTON, H. & SWALES, J.D. The antidiuretic action of diazoxide 145
- POHLER, ORTRUN, see Fraser, D. *et al.*
- PONTI, C. DE, see Bianchi, G. *et al.*
- PONTICELLI, C., see Bianchi, G. *et al.*
- POTVLIERGE, P., see Verniory, A. *et al.*
- RAFFERTY, B., see Robinson, C.J. *et al.*
- RAMSAY, J.M. Carbon monoxide, tissue hypoxia, and sensory psychomotor response in hypoxaemic subjects 619
- RASMUSSEN, K., ANDO, T., NYHAN, W.L., HULL, D., COTTOM, D., DONNELL, G., WADLINGTON, W. & KILROY, A.W. Excretion of propionylglycine in propionic acidemia 665
- READ, W.W.C., MCLAREN, D.S. & TCHALIAN, MARIE. Urinary excretion of nitrogen from [<sup>15</sup>N]valine, [<sup>15</sup>N]leucine and [<sup>15</sup>N]isoleucine in malnourished and recovered children 139
- RECORD, C.O., see Alberti, K.G.M.M. *et al.*
- REDAELLI, B., see Bianchi, G. *et al.*
- RETTORI, V., GRAL, T., MASSRY, S.G. & VILLAMIL, M.F. Exchangeable potassium content and distribution in normal subjects and uraemic patients on chronic haemodialysis 673
- RICHARDSON, BARBARA, see Walker, A.R.P. *et al.*
- RINDI, P., see Balestri, P.L. *et al.*
- ROBERTSON, J.W.K., see Russell, R.I. *et al.*
- ROBERTSON, W.G., see Fraser, D. *et al.*
- ROBINSON, C.J., RAFFERTY, B. & PARSONS, J.A. Calcium shift into bone: a calcitonin-resistant primary action of parathyroid hormone, studied in rats 235
- ROSE, D.P., STRONG, R., ADAMS, P.W. & HARDING, P.E. Experimental vitamin B<sub>6</sub> deficiency and the effect of oestrogen-containing oral contraceptives on tryptophan metabolism and vitamin B<sub>6</sub> requirements 465
- RUSSELL, R.G.G., see Fraser, D. *et al.*
- RUSSELL, R.I., ALLAN, J.G., GERSKOWITCH, V.P. & ROBERTSON, J.W.K. A study by perfusion techniques of the absorption abnormalities in the jejunum in adult coeliac disease 735

- SAUNDERS, M.J., see Cotes, J.E. *et al.*
- SAXTON, C., MAJID, P.A., CLOUGH, G. & TAYLOR, S.H. Effect of ouabain on insulin secretion in man 57
- SCOGGINS, B.A., see Coghlan, J.P. *et al.*
- SEFTEL, H.G., see Joffe, B.I. *et al.*
- SIGGERS, D.C., see Fluck, D.C. *et al.*
- SILLETT, R.W., see Tattersfield, Anne E. *et al.*
- SIMPSON, B.R., see Iles, R.A. *et al.*
- SKINNER, S.L., LUMBERS, EUGENIE R. & SYMONDS, E.M. Analysis of changes in the renin-angiotensin system during pregnancy 479
- SLATER, S.D. & FELL, G.S. Intravascular haemolysis and urinary iron losses after replacement of heart valves by a prosthesis 545
- SMITH, E.K.M. Observations on the measurement and regulation of the sodium content of human erythrocytes 447
- SNODGRASS, G.J.A.I., see Stimmler, L. *et al.*
- SRIVONGSE, S.A., see Fluck, D.C. *et al.*
- STAAL, G.E.J., see Kullmann, L. *et al.*
- STAROUKINE, M., see Verniory, A. *et al.*
- STEPHENS, M.E.M., CRAFT, I., PETERS, T.J. & HOFFBRAND, A.V. Oral contraceptives and folate metabolism 405
- STIMMLER, L., MASHITER, K., SNODGRASS, G.J.A.I., BOUCHER, B. & ABRAMS, M. Insulin disappearance after intravenous injection and its effect on blood glucose in diabetic and non-diabetic children and adults 337
- STOKER, J.B., KAPPAGODA, C.T., GRIMSHAW, V.A. & LINDEN, R.J. A new method for assessing states of acute acidaemia in man 455
- STRONG, R., see Rose, D.P. *et al.*
- STRUNIN, J.M., see Iles, R.A. *et al.*
- STRUNIN, L., see Iles, R.A. *et al.*
- SUBRAMANIAN, S., see Jain, S.K. *et al.*
- SWALES, J.D., TANGE, J.D. & EVANS, D.J. Intestinal ammonia in uraemia: the effect of a urease inhibitor, acetohydroxamic acid 105
- SWALES, J.D., see Pohl, J.E.F. *et al.*
- SYMONDS, E.M., see Skinner, S.L. *et al.*
- TANGE, J.D., see Swales, J.D. *et al.*
- TATTERSFIELD, ANNE E., MCNICOL, M.W. & SILLETT, R.W. Relationship between haemodynamic and respiratory function in patients with myocardial infarction and left ventricular failure 751
- TAYLOR, S.H., see Saxton, C. *et al.*
- TAYLOR, W.H. Renal calculi and self-medication with multivitamin preparations containing vitamin D 515
- TAYLOR, W.H., see Etherington, D.J. & Taylor, W.H.
- TCHALIAN, MARIE, see Read, W.W.C. *et al.*
- TERRAGNO, N.A., see McGiff, J.C. *et al.*
- THILENIUS, O.G. & DERENZO, CAROL. Effects of acutely induced changes in arterial



- pH on pulmonary vascular resistance during normoxia and hypoxia in awake dogs 277
- THURSTON, H., see Pohl, J.E.F. *et al.*
- TONER, P.G., see Horne, C.H.W. & Toner, P.G.
- TOUSSAINT, C., see Verniory, A. *et al.*
- TREDRE, BARBARA E., see Ede, M.C. Moore *et al.*
- TRENCHARD, DIANA, GARDNER, D. & GUZ, A. Role of pulmonary vagal afferent nerve fibres in the development of rapid shallow breathing in lung inflammation 251
- TULLOCH, B.R., GIBSON, K. & HARRIS, P. Distribution and properties of Na<sup>+</sup>, K<sup>+</sup>-ATPase in human post-mortem kidney and the effects of diuretics 265
- VAN GEERTRUYDEN, J.J., see Verniory, A. *et al.*
- VEREERSTRAETEN, P., see Verniory, A. *et al.*
- VERNIORY, A., POTVLIERGE, P., VAN GEERTRUYDEN, J.J., VEREERSTRAETEN, P., KINNAERT, P., STAROUKINE, M. & TOUSSAINT, C. Renin and control of arterial blood pressure during terminal renal failure, treated by haemodialysis and by transplantation 685
- VILLAMIL, M.F., see Rettori, V. *et al.*
- WADLINGTON, W., see Rasmussen, K. *et al.*
- WALKER, A.R.P., RICHARDSON, BARBARA & WALKER, FAITH. The influence of numerous pregnancies and lactations on bone dimensions in South African Bantu and Caucasian mothers 189
- WALKER, FAITH, see Walker, A.R.P. *et al.*
- WILKINSON, R., LUETSCHER, J.A., DOWDY, A.J., GONZALES, C. & NOKES, G.W. Studies on the mechanism of sodium excretion in uraemia 711
- WILLIAMS, C.C., MATTHEWS, E.W., MOSELEY, JANE M. & MACINTYRE, I. The effects of synthetic human and salmon calcitonins on electrolyte excretion in the rat 129
- WILLIAMSON, D.H., see Alberti, K.G.M.M. *et al.*
- WILLIAMSON, J., see Milne, J.S. & Williamson, J.
- WOLF, ELIANA, see Godfrey, S. & Wolf, Eliana.
- WOUTERS, H.W., see Kullmann, L. *et al.*
- WRIGHT, R., see Alberti, K.G.M.M. *et al.*
- XANALATOS, C. & JAMES, I.M. Effect of arterial CO<sub>2</sub> pressure on the response of cerebral and hind-limb blood flow and metabolism to isoprenaline infusion in the dog 63
- XANALATOS, C., see James, I.M. *et al.*
- ZIAKIS, G., see Beilin, L.J. & Ziakis, G.
- ZUROMSKIS, P.J., see Gamble, J.L., Jr, *et al.*

## SUBJECT INDEX

- Absorption, abnormalities of, in the jejunum in adult coeliac disease RUSSELL, R.I., ALLAN, J.G., GERSKOWITCH, V.P. & ROBERTSON, J.W.K. 735-741
- Absorption of glycine and glucose in the human jejunum COOK, G.C. 525-534
- Acetohydroxamic acid, effect of, on intestinal ammonia in uraemia SWALES, J.D., TANGE, J.D. & EVANS, D.J. 105-112
- Acidaemia, acute, assessment of, from carbon dioxide titration curves STOKER, J.B., KAPPAGODA, C.T., GRIMSHAW, V.A. & LINDEN, R.J. 455-463
- Adenocarcinomata, gastric, human, proteinases of ETHERINGTON, D.J. & TAYLOR, W.H. 79-90
- Adenosine triphosphate, concentration of, in erythrocytes in neurofibromatosis KULLMANN, L., STAAL, G.E.J. & WOUTERS, H.W. 775-779
- Adenosine triphosphate, Na<sup>+</sup>, K<sup>+</sup>-stimulated, distribution of in human kidney TULLOCH, B.R., GIBSON, K. & HARRIS, P. 265-275
- Age, effect of, on vascular response to hypoxaemia KRAVEC, T.F., EGGERS, G.W.N., JR & KETTEL, L.J. 555-565
- Age, relation of oxygen-transporting system to DAVIES, C.T.M. 1-13
- Ageing, and respiratory function values MILNE, J.S. & WILLIAMSON, J. 371-381
- Ageing, physiological, and decrease of maximum oxygen uptake and work capacity ADAMS, W.C., MCHENRY, M.M. & BERNAUER, E.M. 355-370
- Airways disease, peripheral, and peripheral airways resistance, static recoil and forced expiratory volume CAYTON, R.M. & HOWARD, P. 505-514
- Airways obstruction, reversibility of, in chronic bronchitis ASTIN, T.W. 725-733
- Airways resistance, peripheral, and static recoil and forced expiratory volume CAYTON, R.M. & HOWARD, P. 505-514
- Alcohol dehydrogenase, activity of, in the subclinically scorbutic guinea-pig O'KEANE, M., MOORE, M.R. & GOLDBERG, A. 781-784
- Aldosterone, and reabsorption of sodium in the proximal renal tubule GILL, J.R., JR, DELEA, C.S. & BARTTER, F.C. 423-432
- Aldosterone, effects of sodium loading and deprivation on, in hypertension COGHLAN, J.P., DOYLE, A.E., JERUMS, G. & SCOGGINS, B.A. 15-23
- Aldosterone, role of, in uraemia WILKINSON, R., LUETSCHER, J.A., DOWDY, A.J., GONZALES, C. & NOKES, G.W. 711-723
- Aldosterone, role of angiotensin II in the control of, in man, BOYD, G.W., ADAMSON, A.R., ARNOLD, M., JAMES, V.H.T. & PEART, W.S. 91-104
- Amino acids, metabolism of, and malnourishment, in children READ, W.W.C., MCLAREN, D.S. & TCHALIAN, M. 139-143
- Ammonia, effects of, in uraemia SWALES, J.D., TANGE, J.D. & EVANS, D.J. 105-112
- Ammonia analogues, mechanisms of excretion of, in the rat BOURKE, E., ASATOOR, A.M. & MILNE, M.D. 635-642
- Anaemia, iron-deficiency, effect of, on transfer factor for the lung and ventilation and cardiac frequency during sub-maximal exercise COTES, J.E., DABBS, J.M., ELWOOD, P.C., HALL, A.M., McDONALD, A. & SAUNDERS, M.J. 325-335

- Angiotensin II, effect of infusion of, on blood pressure CHINN, R.H. & DÜSTERDIECK, G. 489-504
- Angiotensin II, role of, in the control of aldosterone in man BOYD, G.W., ADAMSON, A.R., ARNOLD, M., JAMES, V.H.T. & PEART, W.S. 91-104
- Antidiuresis, action of diazoxide on POHL, J.E.F., THURSTON, H. & SWALES, J.D. 145-152
- Arterial pH, effects of acutely induced changes of, on pulmonary vascular resistance during normoxia and hypoxia in awake dogs THILENIUS, O.G. & DERENZO, C. 277-287
- Arteries, vasoconstrictor responses of, to noradrenaline, histamine and electrical stimulation in the presence of an increased concentration of Na<sup>+</sup> HARRIS, G.S. & PALMER, W.A. 301-309
- Arthritis, clinical studies of, in small joints, by technetium uptake DICK, W.C., COLLINS, K.E. & BUCHANAN, W.W. 383-393
- Arvin (ancrod), effect of, on glomeruli in nephrotoxic serum nephritis in rabbits NAISH, P., PENN, G.B., EVANS, D.J. & PETERS, D.K. 643-646
- Aspirin, effect of, on rheumatoid arthritis DICK, W.C., COLLINS, K.E. & BUCHANAN, W.W. 383-393
- Atropine, effect of, on airways resistance ASTIN, T.W. 725-733
- Autoimmunity, pancreatic, and active chronic hepatitis ALBERTI, K.G.M.M., RECORD, C.O., WILLIAMSON, D.H. & WRIGHT, R. 591-605
- Bladder stones, influence of disodium ethane-1-hydroxy-1,1-diphosphonate on development of FRASER, D., RUSSELL, R.G.G., POHLER, O., ROBERTSON, W.G. & FLEISCH, H. 197-207
- Blood flow, cerebral and peripheral, and metabolism in dogs before and after acute portacaval shunting JAMES, I.M., MACDONELL, L. & XANALATOS, C. 769-774
- Blood flow in the finger, total and nutritional COFFMAN, J.D. 243-250
- Blood pressure, control of, during terminal renal failure VERNIORY, A., POTVIEGE, P., VAN GERTRUYDEN, J.J., VEERERSTRAETEN, P., KINNAERT, P., STAROUKINE, M. & TOUSSAINT, C. 685-700
- Blood pressure, response of, to infusion of angiotensin II CHINN, R.H. & DÜSTERDIECK, G. 489-504
- Blood volume expansion, excretion of water and sodium during LICHARDUS, B. & NIZET, A. 701-709
- Bone, turnover of, and soft-tissue calcification, effect of phosphate supplements on JOWSEY, J. & BALASUBRAMANIAM, P. 289-299
- Bone dimensions, influence of numerous pregnancies and lactations on WALKER, A.R.P., RICHARDSON, B. & WALKER, F. 189-196
- Breathing patterns, and regional ventilation distribution in tetraplegic patients and in normal subjects BAKE, B., FUGL-MEYER, A.R. & GRIMBY, G. 117-128
- Bronchitis, chronic, and reversibility of airways obstruction ASTIN, T.W. 725-733
- Buffering, intracellular, effect of carbon dioxide tension on GAMBLE, J.L., JR, ZUROMSKIS, P.J., BETTICE, J.A. & GINSBERG, R.L. 311-324
- Calcification, effect of phosphate supplements on soft tissue, and bone turnover JOWSEY, J. & BALASUBRAMANIAM, P. 289-299

- Calcitonin, lack of effect of, on parathyroid hormone-induced skeletal uptake of calcium in rats ROBINSON, C.J., RAFFERTY, B. & PARSONS, J.A. 235-241
- Calcitonins, effect of, on electrolyte excretion in the rat WILLIAMS, C.C., MATTHEWS, E.W., MOSELEY, J.M. & MACINTYRE, I. 129-137
- Calcium, excretion of, in the urine, and the effect of bedrest MOORE EDE, M.C., FAULKNER, M.R. & TREDRE, B.E. 433-445
- Calcium flux, effect of digoxin on, in the forearm of man OGILVIE, R.I. & KLASSEN, G.A. 567-577
- Calcium intake, and bone dimensions, in Bantu mothers WALKER, A.R.P., RICHARDSON, B. & WALKER, F. 189-196
- Carbon dioxide pressure, arterial, effect of, on response of cerebral and hind-limb blood flow to isoprenaline XANALATOS, C. & JAMES, I.M. 63-68
- Carbon dioxide tension, effect of, on intracellular buffering in the dog GAMBLE, J.L., JR, ZUROMSKIS, P.J., BETTICE, J.A. & GINSBERG, R.L. 311-324
- Carbon dioxide tension, mixed venous, an evaluation of rebreathing methods for measurement of, during exercise GODFREY, S. & WOLF, E. 345-353
- Carbon dioxide titration curves and assessment of acute acidaemia in man STOKER, J.B., KAPPAGODA, C.T., GRIMSHAW, V.A. & LINDEN, R.J. 455-463
- Carbon monoxide, effect of, on sensory psychomotor response in hypoxaemic subjects RAMSEY, J.M. 619-625
- Cardiac frequency, effect of iron-deficiency anaemia on, during sub-maximal exercise COTES, J.E., DABBS, J.M., ELWOOD, P.C., HALL, A.M., McDONALD, A. & SAUNDERS, M.J. 325-335
- Catecholamines, orthostatic changes of plasma concentrations of, in hypertension MOLZAHN, M., DISSMAN, TH., HALIM, S., LOHMANN, F.W. & OELKERS, W. 209-222
- Chemoreceptors, arterial, and effects of lobeline and phenyldiguanide JAIN, S.K., SUBRAMANIAN, S., JULKA, D.B. & GUZ, A. 163-177
- Chemoreceptors, evidence for, in lungs JAIN, S.K., SUBRAMANIAM, S., JULKA, D.B. & GUZ, A. 163-177
- Coeliac disease, adult, jejunal absorption of water and electrolytes in RUSSELL, R.I., ALLAN, J.G., GERSKOWITCH, V.P. & ROBERTSON, J.W.K. 735-741
- Contraceptives, oestrogen-containing oral, effect of on tryptophan metabolism and vitamin B<sub>6</sub> requirements ROSE, D.P., STRONG, R., ADAMS, P.W. & HARDING, P.E. 465-477
- Contraceptives, oral, and folate metabolism STEPHENS, M.E.M., CRAFT, I., PETERS, T.J. & HOFFBRAND, A.V. 405-414
- Creatinine, effect of, on glucose metabolism BALESTRI, P.L., RINDI, P., BIAGINI, M. & GIOVANNETTI, S. 395-404
- Deoxycorticosterone, effect of, on reabsorption of sodium in the proximal renal tubule GILL, J.R., JR, DELEA, C.S. & BARTTER, F.C. 423-432
- Deoxycorticosterone, hypertension caused by, in rats, and its relation to 'irreversible' hypertension in man BEILIN, L.J. & ZIAKIS, G. 579-590
- Deoxycorticosterone acetate administration, association of humoral sodium transport inhibitory activity with renal escape from BUCKALEW, V.M., JR & LANCASTER, C.D., JR 69-78

- Diazoxide, antidiuretic action of POHL, J.E.F., THURSTON, H. & SWALES, J.D. 145-152
- Digoxin, effect of, on glucose metabolism and calcium flux in the forearm of man OGILVIE, R.I. & KLASSEN, G.A. 567-577
- Disodium ethane-1-hydroxy-1,1-diphosphonate, influence of, on development of bladder stones FRASER, D., RUSSELL, R.G.G., POHLER, O., ROBERTSON, W.G. & FLEISCH, H. 197-207
- Diuretics, effects of, on the activity of Na<sup>+</sup>,K<sup>+</sup>-stimulated adenosine triphosphatase in the human kidney TULLOCH, B.R., GIBSON, K. & HARRIS, P. 265-275
- Diurnal rhythm of calcium excretion, effect of bedrest on MOORE EDE, M.C., FAULKNER, M.H. & TREDRE, B.E. 433-445
- Encephalopathy, causation of, after portacaval shunting JAMES, I.M., MACDONELL, L. & XANALATOS, C. 769-774
- Erythrocytes, potassium content of, and potassium depletion in the rabbit PATRICK, J. & BRADFORD, B. 415-421
- Erythrocytes, sodium and potassium content of SMITH, E.K.M. 447-453
- Ethanol, metabolism of, in the subclinically scorbutic guinea-pig O'KEANE, M., MOORE, M.R. & GOLDBERG, A. 781-784
- Excretion of ammonia analogues in the rat BOURKE, E., ASATOOR, A.M. & MILNE, M.D. 635-642
- Excretion of electrolytes, effect of calcitonins on WILLIAMS, C.C., MATTHEWS, E.W., MOSELEY, J.M. & MACINTYRE, I. 129-137
- Exercise, an evaluation of rebreathing methods for measurement of mixed venous carbon dioxide tension during GODFREY, S. & WOLF, E. 345-353
- Exercise, sub-maximal, effect of iron-deficiency anaemia on transfer factor for the lung and ventilation and cardiac frequency during COTES, J.E., DABBS, J.M., ELWOOD, P.C., HALL, A.M., McDONALD, A. & SAUNDERS, M.J. 325-335
- Expiratory volume, forced, and peripheral airways resistance and static recoil CAYTON, R.M. & HOWARD, P. 505-514
- Fluoride, body distribution in man HOSKING, D.J. & CHAMBERLAIN, M.J. 153-161
- Foetus, studies of renin-angiotensin system in SKINNER, S.L., LUMBERS, E.R. & SYMONDS, E.M. 479-488
- Folates, metabolism of, and oral contraceptives STEPHENS, M.E.M., CRAFT, I., PETERS, T.J. & HOFFBRAND, A.V. 405-414
- Glucose, blood, effect of insulin disappearance on, in diabetic and non-diabetic children and adults STIMMLER, L., MASHITER, K., SNODGRASS, G.J.A.I., BOUCHER, B. & ABRAMS, M. 337-344
- Glucose absorption, effect of glycine on, in the human jejunum COOK, G.C. 525-534
- Glucose metabolism, effect of digoxin on, in the forearm of man OGILVIE, R.I. & KLASSEN, G.A. 567-577
- Glucose metabolism and uraemia BALESTRI, P.L., RINDI, P., BIAGINI, M. & GIOVANNETTI, S. 395-404
- Glycine absorption, effect of glucose on, in the human jejunum COOK, G.C. 525-534

- Haemodialysis, concentration of renin during treatment by VERNIORY, A., POTVLIERGE, P., VAN GEERTRUYDEN, J.J., VEREERSTRAETEN, P., KINNAERT, P., STAROUKINE, M. & TOUSSAINT, C. 685-700
- Haemodialysis, effect of, on content and distribution of exchangeable potassium RETTORI, V., GRAL, T., MASSRY, S.G. & VILLAMIL, M.F. 673-684
- Haemodynamics, orthostatic changes of, in hypertension MOLZAHN, M., DISSMAN, TH., HALIM, S., LOHMANN, F.W. & OELKERS, W. 209-222
- Haemodynamics and respiratory function in patients with myocardial infarction and left ventricular failure TATTERSFIELD, A.E., MCNICOL, M.W. & SILLERT, R.W. 751-768
- Haemolysis, intravascular, and urinary iron losses after replacement of heart valves by a prosthesis SLATER, S.D. & FELL, G.S. 545-553
- Haemorrhage, subarachnoid, electrolyte changes in JAMES, I.M. 179-187
- Haemosiderinuria, and intravascular haemolysis after replacement of heart valves with a prosthesis SLATER, S.D. & FELL, G.S. 545-553
- Heart disease, distribution of renal blood flow in patients with FLUCK, D.C., EVANS, T.R., SIGGERS, D.C., CRAWLEY, J. & SRIVONGSE, S.A. 627-634
- Heart valves, artificial, and haemolysis and urinary iron SLATER, S.D. & FELL, G.S. 545-553
- Hepatitis, active chronic, metabolic changes in ALBERTI, K.G.M.M., RECORD, C.O., WILLIAMSON, D.H. & WRIGHT, R. 591-605
- Humoral sodium transport inhibitory activity, association of, with renal escape from mineralocorticoid administration BUCKALEW, V.M., JR & LANCASTER, C.D., JR 69-78
- Hyperparathyroidism, secondary, in nutritional rickets JOFFE, B.I., HACKENG, W.H.L., SEFTEL, H.C. & HARTDEGEN, R.G. 113-116
- Hypertension, arterial, after constriction of the renal artery in conscious and anaesthetized dogs BIANCHI, G., BALDONI, E., LUCCA, R. & BARBIN, P. 651-664
- Hypertension, control of, by bilateral nephrectomy VERNIORY, A., POTVLIERGE, P., VAN GEERTRUYDEN, J.J., VEREERSTRAETEN, P., KINNAERT, P., STAROUKINE, M. & TOUSSAINT, C. 685-700
- Hypertension, effects of sodium loading and deprivation on renin and aldosterone in COGHLAN, J.P., DOYLE, A.E., JERUMS, G. & SCOGGINS, B.A. 15-23
- Hypertension, 'irreversible', in man, and its relation to post-deoxycorticosterone hypertension in rats BEILIN, L.J. & ZIAKIS, G. 579-590
- Hypertension, orthostatic changes of haemodynamics, renal function, plasma catecholamines and plasma renin concentrations in MOLZAHN, M., DISSMAN, TH., HALIM, S., LOHMANN, F.W. & OELKERS, W. 209-222
- Hypertension, post-deoxycorticosterone, in rats, and its relation to 'irreversible' hypertension in man BEILIN, L.J. & ZIAKIS, G. 579-590
- Hypertension, 'salt and water dependent', role of the kidney in BIANCHI, G., PONTICELLI, C., BARDI, U., REDAELLI, B., CAMPOLO, L., DE PONTI, C. & GRAZIANI, G. 47-55
- Hypoxaemia, effect of, on vascular response, and patient age KRAVEC, T.F., EGGERS, G.W.N., JR & KETTEL, L.J. 555-565
- Hypoxaemia, effect of carbon monoxide on sensory psychomotor response during RAMSEY, J.M. 619-625
- Hypoxia, effect of, on succinate metabolism in man and perfused dog liver ILES, R.A., BARNETT, D., STRUNIN, L., STRUNIN, J.M., SIMPSON, B.R. & COHEN, R.D. 35-45

- Hypoxia, effects of acutely induced changes in arterial pH on pulmonary vascular resistance during THILENIUS, O.G. & DERENZO, C. 277-287
- Insulin, effect of ouabain on secretion of, in man SAXTON, C., MAJID, P.A., CLOUGH, G. & TAYLOR, S.H. 57-62
- Insulin, disappearance of, after intravenous injection and its effect on blood glucose in diabetic and non-diabetic children and adults STIMMLER, L., MASHITER, K., SNODGRASS, G.J.A.I., BOUCHER, B. & ABRAMS, M. 337-344
- Intestine, concentration of ammonia in, during uraemia and administration of acetohydroxamic acid SWALES, J.D., TANGE, J.D. & EVANS, D.J. 105-112
- Iron, loss of, in urine after replacement of heart valves with a prosthesis SLATER, S.D. & FELL, G.S. 545-553
- Isoprenaline, effect of, on airways resistance ASTIN, T.W. 725-733
- Isoprenaline, response of blood flow and metabolism to infusion of and effect of arterial carbon dioxide pressure on XANALATOS, C. & JAMES, I.M. 63-68
- Jejunum, human, absorption of glycine and glucose in, COOK, G.C. 525-534
- Jejunum, transport of water and electrolytes across, in adult coeliac disease RUSSELL, R.I., ALLAN, J.G., GERSKOWITCH, V.P. & ROBERTSON, J.W.K. 735-741
- Kidney, human, distribution and properties of Na<sup>+</sup>, K<sup>+</sup>-stimulated adenosine triphosphatase in TULLOCH, B.R., GIBSON, K. & HARRIS, P. 265-275
- Kidney, role of, 'in salt and water dependent' hypertension BIANCHI, G., PONTICELLI, C., BARDI, U., REDAELLI, B., CAMPOLO, L., DE PONTI, C. & GRAZIANI, G. 47-55
- Lactation, bone dimensions and calcium intake during, in Bantu mothers WALKER, A.R.P., RICHARDSON, B. & WALKER, F. 189-196
- Leucocyte extracellular space, measurement of, in an *in vitro* system PATRICK, J. & HILTON, P.J. 647-649
- Leucocytes, potassium content of, and potassium depletion in the rabbit PATRICK, J. & BRADFORD, B. 415-421
- Lobeline, respiratory and circulatory effects of JAIN, S.K., SUBRAMANIAN, S., JULKA, D.B. & GUZ, A. 163-177
- Lung, transfer factor of, effect of iron-deficiency anaemia on, during sub-maximal exercise COTES, J.E., DABBS, J.M., ELWOOD, P.C., HALL, A.M., McDONALD, A. & SAUNDERS, M.J. 325-335
- Lung inflammation, role of pulmonary vagal afferent nerve fibres in the development of rapid shallow breathing in TRENCHARD, D., GARDNER, D. & GUZ, A. 251-263
- Malnourishment, in children, and nitrogen excretion READ, W.W.C., McLAREN, D.S. & TCHALIAN, M. 139-143
- Marasmus, in children, and nitrogen excretion READ, W.W.C., McLAREN, D.S. & TCHALIAN, M. 139-143
- Metabolic changes, in active chronic hepatitis ALBERTI, K.G.M.M., RECORD, C.O., WILLIAMSON, D.H. & WRIGHT, R. 591-605

- Metabolism, cerebral and peripheral, of glucose and oxygen in dogs before and after acute portacaval shunting JAMES, I.M., MACDONELL, L. & XANALATOS, C. 769-774
- Methylguanidine, effect of, on glucose metabolism BALESTRI, P.L., RINDI, P., BIAGINI, M. & GIOVANNETTI, S. 395-404
- Mineralocorticoid administration, association of humoral sodium transport inhibitory activity with renal escape from BUCKALEW, V.M., JR & LANCASTER, C.D., JR 69-78
- Myocardial infarction, haemodynamic and respiratory function in TATTERSFIELD, A.E., MCNICOL, M.W. & SILLETT, R.W. 751-768
- Natriuretic hormone, in urine, and sodium and potassium transport in the renal tubule CLARKSON, E.M. & DE WARDENER, H.E. 607-617
- Nephritis, immune complex, effect of, on rat serum proteins HORNE, C.H.W. & TONER, P.G. 743-749
- Nephron, site of action of renal vasodilatation in MASSRY, S.G. & AHUMADA, J.J. 535-543
- Nephrotoxic serum nephritis, effect of Arvin on, in rabbits NAISH, P., PENN, G.B., EVANS, D.J. & PETERS, D.K. 643-646
- Nerve stimulation, renal, effect of, on vascular resistance in the dog kidney and the release of a prostaglandin E-like substance MCGIFF, J.C., CROWSHAW, K., TERRAGNO, N.A., MALIK, K.U. & LONIGRO, A.J. 223-233
- Neurofibromatosis, concentration of adenosine triphosphate in erythrocytes in KULLMANN, L., STAAL, G.E.J. & WOUTERS, H.W. 775-779
- Nitrogen, excretion of, in malnourished and recovered children READ, W.W.C., MCLAREN, D.S. & TCHALIAN, M. 139-143
- Noradrenaline, effect of, on total and nutritional blood flow in the finger COFFMAN, J.D. 243-250
- Noradrenaline, effect of, on vascular resistance in the dog kidney and the release of a prostaglandin E-like substance MCGIFF, J.C., CROWSHAW, K., TERRAGNO, N.A., MALIK, K.U. & LONIGRO, A.J. 223-233
- Osteoarthritis, technetium uptake in DICK, W.C., COLLINS, K.E. & BUCHANAN, W.W. 383-393
- Osteoporosis, possible treatment of, with calcitonin and another agent ROBINSON, C.J., RAFFERTY, B. & PARSONS, J.A. 235-241
- Ouabain, effect of, on insulin secretion in man SAXTON, C., MAJID, P.A., CLOUGH, G. & TAYLOR, S.H. 57-62
- Oxygen-transporting system in relation to age DAVIES, C.T.M. 1-13
- Oxygen uptake, maximum decrease of, with advancing age ADAMS, W.C., MCHENRY, M.M. & BERNAUER, E.M. 355-370
- Parathyroid hormone, concentrations of, in nutritional rickets JOFFE, B.I., HACKENG, W. H.L., SEFTTEL, H.C. & HARTDEGEN, R.C. 113-116
- Parathyroid hormone, effect of, in combination with calcitonin, on skeletal uptake of calcium in rats ROBINSON, C.J., RAFFERTY, B. & PARSONS, J.A. 235-241
- Phenyldiguanide, respiratory and circulatory effects of JAIN, S.K., SUBRAMANIAN, S., JULKA, D.B. & GUZ, A. 163-177



- Phosphate, effect of, on soft-tissue calcification and bone turnover JOWSEY, J. & BALASUBRAMANIAM, P. 289-299
- Plasma, relationship between angiotensin II and aldosterone in, during sodium deficiency BOYD, G.W., ADAMSON, A.R., ARNOLD, M., JAMES, V.H.T. & PEART, W.S. 91-104
- Pollen, ragweed, morphological changes of, on incubation with saliva from various humans MAYRON, L.W. & LOISELLE, R.J. 25-33
- Portacaval shunting, effect of, on cerebral and peripheral blood flow and metabolism in dogs JAMES, I.M., MACDONELL, L. & XANALATOS, C. 769-774
- Potassium, content of, in erythrocytes SMITH, E.K.M. 447-453
- Potassium, exchangeable, content and distribution of, in normal subjects and patients on chronic haemodialysis RETTORI, V., GRAL, T., MASSRY, S.G. & VILLAMIL, M.F. 673-684
- Potassium balance, in subarachnoid haemorrhage JAMES, I.M. 179-187
- Potassium depletion in the rabbit, and leucocyte potassium content PATRICK, J. & BRADFORD, B. 415-421
- Pregnancy, bone dimensions and calcium intake during, in Bantu mothers WALKER, A.R.P., RICHARDSON, B. & WALKER, F. 189-196
- Pregnancy, studies of the renin-angiotensin system in SKINNER, S.L., LUMBERS, E.R. & SYMONDS, E.M. 479-488
- Propionic acidemia, excretion of propionylglycine in RASMUSSEN, K., ANDO, T., NYHAN, W.L., HULL, D., COTTOM, D., DONNELL, G., WADLINGTON, W. & KILROY, A.W. 665-671
- Propionylglycine, excretion of, in propionic acidemia RASMUSSEN, K., ANDO, T., NYHAN, W.L., HULL, D., COTTOM, D., DONNELL, G., WADLINGTON, W. & KILROY, A.W. 665-671
- Prostaglandin E-like substance, release of, and vascular resistance in the dog kidney MCGIFF, J.C., CROWSHAW, K., TERRAGNO, N.A., MALIK, K.U. & LONIGRO, A.J. 223-233
- Proteinases of gastric adenocarcinoma ETHERINGTON, D.J. & TAYLOR, W.H. 79-90
- Psoriatic arthritis, technetium uptake in DICK, W.C., COLLINS, K.E. & BUCHANAN, W.W. 383-393
- Pteroylglutamates, metabolism of, and oral contraceptives STEPHENS, M.E.M., CRAFT, I., PETERS, T.J. & HOFFBRAND, A.V. 405-414
- Pulmonary vascular resistance, effects of acutely induced changes of arterial pH on, during normoxia and hypoxia in awake dogs THILENIUS, O.G. & DERENZO, C. 277-287
- 
- Ragweed pollen, morphological changes of, on incubation with saliva from various humans MAYRON, L.W. & LOISELLE, R.J. 25-33
- Reactivity, arterial, effect of sodium ion on HARRIS, G.S. & PALMER, W.A. 301-309
- Redox ratio, and metabolism of ethanol in the subclinically scorbutic guinea-pig O'KEANE, M., MOORE, M.R. & GOLDBERG, A. 781-784
- Reflex stimulation, effect of, on total and nutritional blood flow in the finger COFFMAN, J.D. 243-250
- Renal artery constriction, effect of renin infusion after, in conscious and anaesthetized dogs BIANCHI, G., BALDONI, E., LUCCA, R. & BARBIN, P. 651-664
- Renal blood flow, distribution of, in patients with heart disease FLUCK, D.C., EVANS, T.R., SIGGERS, D.C., CRAWLEY, J. & SRIVONGSE, S.A. 627-634
- Renal calculi, and self-medication with vitamin D TAYLOR, W.H. 515-522

- Renal failure, secretion of renin by the kidney in VERNIORY, A., POTVLIERGE, P., VAN GEERTRUUYDEN, J.J., VEREERSTRAETEN, P., KINNAERT, P., STAROUKINE, M. & TOUSSAINT, C. 685-700
- Renal function, orthostatic changes of, in hypertension MOLZAHN, M., DISSMAN, TH., HALIM, S., LOHMANN, F.W. & OELKERS, W. 209-222
- Renal tubule fragments, inhibition of sodium and potassium transport in, by urine extracts obtained from salt-loaded individuals CLARKSON, E.M. & DE WARDENER, H.E. 607-617
- Renin, concentration of, and blood pressure response to angiotensin II infusion CHINN, R.H. & DÜSTERDIECK, G. 489-504
- Renin, concentration of, and control of arterial blood pressure during terminal renal failure treated by haemodialysis and transplantation VERNIORY, A., POTVLIERGE, P., VAN GEERTRUUYDEN, J.J., VEREERSTRAETEN, P., KINNAERT, P., STAROUKINE, M. & TOUSSAINT, C. 685-700
- Renin, effect of infusion, after constriction of the renal artery in conscious and anaesthetized dogs BIANCHI, G., BALDONI, E., LUCCA, R. & BARBIN, P. 651-664
- Renin, orthostatic changes of plasma concentration of, in hypertension MOLZAHN, M., DISSMAN, TH., HALIM, S., LOHMANN, F.W. & OELKERS, W. 209-222
- Renin, plasma, effects of sodium loading and deprivation on, in hypertension COGHAN, J.P., DOYLE, A.E., JERUMS, G. & SCOGGINS, B.A. 15-23
- Renin, role of, in uraemia WILKINSON, R., LUETSCHER, J.A., DOWDY, A.J., GONZALES, C. & NOKES, G.W. 711-723
- Renin-angiotensin system, changes in during pregnancy SKINNER, S.L., LUMBERS, E.R. & SYMONDS, E.M. 479-488
- Respiratory function, and haemodynamics in patients with myocardial infarction and left ventricular failure TATTERSFIELD, A.E., MCNICOL, M.W. & SILLETT, R.W. 751-768
- Respiratory function, tests of, in older people MILNE, J.S. & WILLIAMSON, J. 371-381
- Rheumatoid arthritis, effect of aspirin on, studied by technetium uptake DICK, W.C., COLLINS, K.E. & BUCHANAN, W.W. 383-393
- Rickets, nutritional, concentration of parathyroid hormone in JOFFE, B.I., HACKENG, W.H.L., SEFTEL, H.C. & HARTDEGEN, R.G. 113-116
- Self-medication with vitamin D, and renal calculi TAYLOR, W.H. 515-522
- Sensory psychomotor response, effect of carbon monoxide on, in hypoxaemic subjects RAMSEY, J.M. 619-625
- Serum proteins, effect of immune complex nephritis on HORNE, C.H.W. & TONER, P.G. 743-749
- Sodium, content of, in erythrocytes SMITH, E.K.M. 447-453
- Sodium, effect of deoxycorticosterone and spironolactone on the reabsorption of, in the proximal renal tubule GILL, J.R., JR, DELEA, C.S. & BARTTER, F.C. 423-432
- Sodium, effects of loading and deprivation, on plasma renin and aldosterone in hypertension COGHAN, J.P., DOYLE, A.E., JERUMS, G. & SCOGGINS, B.A. 15-23
- Sodium balance, in subarachnoid haemorrhage JAMES, I.M. 179-187
- Sodium deficiency, relationship between plasma angiotensin II and aldosterone during BOYD, G.W., ADAMSON, A.R., ARNOLD, M., JAMES, V.H.T. & PEART, W.S. 91-104
- Sodium excretion, during blood volume expansion LICHARDUS, B. & NIZET, A. 701-709

- Sodium excretion, effect of diazoxide on POHL, J.E.F., THURSTON, H. & SWALES, J.D. 145-152
- Sodium excretion, mechanism of, in uraemia WILKINSON, R., LUETSCHER, J.A., DOWDY, A.J., GONZALES, C. & NOKES, G.W. 711-723
- Sodium ion, effect of, on arterial sodium and reactivity HARRIS, G.S. & PALMER, W.A. 301-309
- Sodium pump and erythrocyte sodium SMITH, E.K.M. 447-453
- Spironolactone, effect of, on reabsorption of sodium in the proximal renal tubule GILL, J.R., JR, DELEA, C.S. & BARTTER, F.C. 423-432
- Succinate metabolism, effect of hypoxia on ILES, R.A., BARNETT, D., STRUNIN, L., STRUNIN, J.M., SIMPSON, B.R. & COHEN, R.D. 35-45
- Tachypnoea, development of, in lung inflammation and role of pulmonary vagal afferent nerve fibres TRENCHARD, D., GARDNER, D. & GUZ, A. 251-263
- Technetium, percentage uptake of, in various arthritides and studies on the effect of aspirin in rheumatoid arthritis DICK, W.C., COLLINS, K.E. & BUCHANAN, W.W. 383-393
- Tetraplegic patients, breathing patterns and regional ventilation distribution in BAKE, B., FUGL-MEYER, A.R. & GRIMBY, G. 117-128
- Transport of sodium and potassium in renal tubule fragments, inhibition of, by urine extracts obtained from salt-loaded individuals CLARKSON, E.M. & DE WARDENER, H.E. 607-617
- Tryptophan, effect of oestrogen-containing oral contraceptives on metabolism of ROSE, D.P., STRONG, R., ADAMS, P.W. & HARDING, P.E. 465-477
- Uraemia, depletion of potassium in patients with RETTORI, V., GRAL, T., MASSRY, S.G. & VILLAMIL, M.F. 673-684
- Uraemia, effects of intestinal ammonia in SWALES, J.D., TANGE, J.D. & EVANS, D.J. 105-112
- Uraemia, glucose metabolism in BALESTRI, P.L., RINDI, P., BIAGINI, M. & GIOVANNETTI, S. 395-404
- Uraemia, mechanism of excretion of sodium in WILKINSON, R., LUETSCHER, J.A., DOWDY, A.J., GONZALES, C. & NOKES, G.W. 711-723
- Uraemic serum, effect of, on glucose metabolism BALESTRI, P.L., RINDI, P., BIAGINI, M. & GIOVANNETTI, S. 395-404
- Urease inhibitor, effect of, on intestinal ammonia in uraemia SWALES, J.D., TANGE, J.D. & EVANS, D.J. 105-112
- Urinary pH, and ammonia excretion in the rat BOURKE, E., ASATOOR, A.M. & MILNE, M.D. 635-642
- Uterus, studies of renin-angiotensin system in SKINNER, S.L., LUMBERS, E.R. & SYMONDS, E.M. 479-488
- Vagus nerve, role of, in development of rapid shallow breathing in lung inflammation TRENCHARD, D., GARDNER, D. & GUZ, A. 251-263
- Vascular resistance, pulmonary, effects of acutely induced changes of arterial pH on, during normoxia and hypoxia in awake dogs THILENIUS, O.G. & DERENZO, C. 277-287

- Vascular response to hypoxaemia, and patient age KRAVEC, T.F., EGGERS, G.W.N., JR & KETTEL, L.J. 555-565
- Vasodilatation, renal, site of action in the nephron MASSRY, S.G. & AHUMADA, J.J. 535-543
- Ventilation distribution, regional, and breathing patterns, in tetraplegic patients and in normal subjects BAKE, B., FUGL-MEYER, A.B. & GRIMBY, G. 117-128
- Ventricular failure, left, haemodynamic and respiratory function in TATTERSFIELD, A.E., MCNICOL, M.W. & SILLETT, R.W. 751-768
- Vitamin B<sub>6</sub>, effect of oestrogen-containing oral contraceptives on requirement for ROSE, D.P., STRONG, R., ADAMS, P.W. & HARDING, P.E. 465-477
- Vitamin D, effect of, on concentrations of parathyroid hormone in nutritional rickets JOFFE, B.I., HACKENG, W.H.I., SEFTEL, H.C. & HARTDEGEN, R.G. 113-116
- Vitamin D, self-medication with, and renal calculi TAYLOR, W.H. 515-522
- Water excretion during blood volume expansion LICHARDUS, B. & NIZET, A. 701-709
- Work capacity, decrease of, with advancing age ADAMS, W.C., MCHENRY, M.M. & BERNAUER, E.M. 355-370