

## Index of Authors

- ACHESON, K. *see* PITTET, PH. 281  
 ASQUITH, R. S. *see* HURRELL, R. F. 383
- BAILEY-WOOD, R. *see* TRIGGS, S. M. 277  
 BAMJI, M. S. Enzymic evaluation of thiamin, riboflavin and pyridoxine status of parturient women and their newborn infants 259  
 BANNISTER, D. W. *see* WHITEHEAD, C. C. 115  
 BILLEWICZ, W. Z. *see* BLACK, A. E. 105  
 BLACK, A. E., BILLEWICZ, W. Z. and THOMSON, A. M. The diets of preschool children in Newcastle upon Tyne, 1968-71 105  
 BRAUDE, R., KEAL, H. D. and NEWPORT, M. J. Artificial rearing of pigs. 5. The effect of different proportions of beef tallow or soya-bean oil and dried skim milk in the diet on growth, feed utilization, apparent digestibility and carcass composition 253  
 BREMNER, I. The relationship between the zinc status of pigs and the occurrence of copper- and Zn-binding proteins in liver 245  
 BUENO, L. *see* RUCKEBUSCH, Y. 397  
 BUNYAN, J., MURRELL, E. A. and SHAH, P. P. The induction of obesity in rodents by means of monosodium glutamate 25
- CARPENTER, K. J. *see* HURRELL, R. F. 383  
 CHANDRA, U. *see* MALHOTRA, M. S. 229  
 CHAPPUIS, PH. *see* PITTET, PH. 281
- DALGARNO, A. C. *see* MILLS, C. F. 309  
 DAWSON, A. M. *see* GIBSON, J. A. 61  
 DAWSON, R. M. C. *see* HAZELWOOD, G. P. 293  
 DE TECHTERMANN, F. *see* PITTET, PH. 281  
 DRORI, D. The effect of sodium chloride ingestion on food intake and on fat deposition in male mice 195
- EVANS, A. J. *see* WHITEHEAD, C. C. 115
- FISHER, R. F. *see* TONG, A. 175  
 FORD, D. J. The effect of methods of sterilization on the nutritive value of protein in a commercial rat diet 267
- GAWTHORNE, J. M. and NADER, C. J. The effect of molybdenum on the conversion of sulphate to sulphide and microbial-protein-sulphur in the rumen of sheep 11  
 GIBSON, J. A., SLADEN, G. E. and DAWSON, A. M. Protein absorption and ammonia production: the effects of dietary protein and removal of the colon 61  
 GREENHALGH, J. F. D. *see* HOVELL, F. D. DeB. 343  
 GRIFFITHS, N. M., STEWART, R. D. H. and ROBINSON, M. F. The metabolism of [<sup>75</sup>Se]-selenomethionine in four women 373
- HARTOG, M. *see* HEATON, K. W. 55  
 HAZELWOOD, G. P., KEMP, P., LANDER, D. and DAWSON, R. M. C. C<sub>18</sub> unsaturated fatty acid hydrogenation patterns of some rumen bacteria and their ability to hydrolyse exogenous phospholipid 293  
 HEATON, F. W. *see* POCKNEE, R. C. 97  
 HEATON, K. W., MANNING, A. P. and HARTOG, M. Lack of effect on blood lipid and calcium concentrations of young men on changing from white to wholemeal bread 55  
 HORTON, G. M. J. The effects of low-dose gamma irradiation on the wholesomeness of mangoes (*Mangifera indica*) as determined by short-term feeding studies using rats 67  
 HOVELL, F. D. DeB., GREENHALGH, J. F. D. and WAINMAN, F. W. The utilization of diets containing acetate salts by growing lambs as measured by comparative slaughter and respiration calorimetry, together with rumen fermentation 343  
 HURRELL, R. F., CARPENTER, K. J., SINCLAIR, W. J., OTTERBURN, M. S. and ASQUITH, R. S. Mechanisms of heat damage in proteins. 7. The significance of lysine-containing isopeptides and of lanthionine in heated proteins 383
- JEQUIER, E. *see* PITTET, PH. 281
- KEAL, H. D. *see* BRAUDE, R. 253  
 KEMP, P. *see* HAZELWOOD, G. P. 293
- LANDER, D. *see* HAZELWOOD, G. P. 293  
 LAWS, L. *see* PAYNE, E. 47  
 LENG, R. A. *see* NOLAN, J. V. 127  
 LOUGH, A. K. and SMITH, A. Influence of the products of phospholipolysis of phosphatidylcholine on micellar solubilization of fatty acids in the presence of bile salts 89  
 LOUGH, A. K. *see also* SMITH, A. 77
- McMILLAN, R. T. *see* PARKER, D. S. 365  
 MALHOTRA, M. S., CHANDRA, U., RAI, R. M., VENKATASWAMY, Y. and SRIDHARAN, K. Food intake and energy expenditure of Indian troops in training 229  
 MANNING, A. P. *see* HEATON, K. W. 55  
 MARKTL, W. and RUDAS, B. Screening for risks of cardiovascular disease in children. A preliminary report 223  
 MAZANOV, A. and NOLAN, J. V. Simulation of the dynamics of nitrogen metabolism in sheep 149  
 MIGASENA, P. *see* SCHELP, F. P. 211  
 MILLS, C. F., DALGARNO, A. C. and WENHAM, G. Biochemical and pathological changes in tissues of Friesian cattle during the experimental induction of copper deficiency 309  
 MUNDAY, K. A. *see* TURNER, M. R. 1

- MURRELL, E. A. *see* BUNYAN, J. 25
- NADER, C. J. *see* GAWTHORNE, J. M. 11
- NEWPORT, M. J. *see* BRAUDE, R. 253
- NICOL, B. M. and the late PHILLIPS, P. G. Endogenous nitrogen excretion and utilization of dietary protein 181
- NOLAN, J. V., NORTON, B. W. and LENG, R. A. Further studies of the dynamics of nitrogen metabolism in sheep 127
- NOLAN, J. V. *see* MAZANOV, A. 149
- NORTON, B. W. *see* NOLAN, J. V. 127
- OTTERBURN, M. S. *see* HURRELL, R. F. 383
- PARKER, D. S. and McMILLAN, R. T. The determination of volatile fatty acids in the caecum of the conscious rabbit 365
- PAYNE, E. and LAWS, L. The efficacy of protein supplementation in overcoming urea toxicity in sheep 47
- PEARCE, J. and UNSWORTH, E. F. The effects of grass and concentrate diets on the specific activities of some enzymes of hepatic carbohydrate metabolism in sheep 407
- PHILLIPS, P. G. *see* NICOL, B. M. 181
- PI-SUNYER, F. X. Resistance to ketosis during prolonged fasting by rats fed on a diet containing undecanoic acid, an odd-carbon-number fatty acid 41
- PITTET, PH., CHAPPUIS, PH., ACHESON, K., DE TECHTERMANN, F. and JEQUIER, E. Thermic effect of glucose in obese subjects studied by direct and indirect calorimetry 281
- POCKNEE, R. C. and HEATON, F. W. The effect of feeding frequency on the growth and composition of individual organs in the rat 97
- PONGPAEW, P. *see* SCHELP, F. P. 211
- RAI, R. M. *see* MALHOTRA, M. S. 229
- REEDS, P. J. *see* TURNER, M. R. 1
- ROBINSON, M. F. *see* GRIFFITHS, N. M. 373
- RUCKEBUSCH, Y. and BUENO, L. The effect of feeding on the motility of the stomach and small intestine in the pig 397
- RUDAS, B. *see* MARKTL, W. 223
- SAOVAKONTHA, S. *see* SCHELP, F. P. 211
- SCHELP, F. P., MIGASENA, P., SAOVAKONTHA, S., PONGPAEW, P. and SUPAWAN, V. Serum protein fractions from children with differing nutritional status analysed by polyacrylamide gel electrophoresis and electroimmunoassay 211
- SHAH, P. P. *see* BUNYAN, J. 25
- SHORROCK, C. An improved procedure for the assay of available lysine and methionine in feedstuffs using *Tetrahymena pyriformis* W 333
- SILLER, W. G. *see* WHITEHEAD, C. C. 115
- SINCLAIR, W. J. *see* HURRELL, R. F. 383
- SLADEN, G. E. *see* GIBSON, J. A. 61
- SMITH, A. and LOUGH, A. K. Micellar solubilization of fatty acids in aqueous media containing bile salts and phospholipids 77
- SMITH, A. *see also* LOUGH, A. K. 89
- SPRAY, G. H. *see* WILLIAMS, D. L. 299
- SRIDHARAN, K. *see* MALHOTRA, M. S. 229
- STEWART, R. D. H. *see* GRIFFITHS, N. M. 373
- SUPAWAN, V. *see* SCHELP, F. P. 211
- THOMSON, A. M. *see* BLACK, A. E. 105
- TONG, A. and FISHER, R. F. Utilization of <sup>14</sup>C-labelled *Escherichia coli* by rats 175
- TRIGGS, S. M. and BAILEY-WOOD, R. Excessive vitamin D content of a standard iron-deficient diet for rats 277
- TURNER, M. R., REEDS, P. J. and MUNDAY, K. A. Action of growth hormone in vitro on the net uptake and incorporation into protein of amino acids in muscle from intact rabbits given protein-deficient diets 1
- UNSWORTH, E. F. *see* PEARCE, J. 407
- VAN DER WERWE, F. J. *see* WILKE, P. I. 201
- VENKATASWAMY, Y. *see* MALHOTRA, M. S. 229
- WAINMAN, F. W. *see* HOVELL, F. D. DEB. 343
- WENHAM, G. *see* MILLS, C. F. 309
- WHITEHEAD, C. C., BANNISTER, D. E., EVANS, A. J., SILLER, W. G. and WIGHT, P. A. L. Biotin deficiency and fatty liver and kidney syndrome in chicks given purified diets containing different fat and protein levels 115
- WIGHT, P. A. L. *see* WHITEHEAD, C. C. 115
- WILKE, P. I. and VAN DER WERWE, F. J. Net utilization of roughage and concentrate diets by sheep 201
- WILLIAMS, D. L. and SPRAY, G. H. The effects of dietary histidine, methionine and homocystine on vitamin B<sub>12</sub> and folate levels in rat liver 299