

Index of Authors

- AKINLOSOTU A. *see* AKINYELE I.O. & AKINLOSOTU A. Contribution of cowpea (*Vigna unguiculata*) in a mixed diet to the nutrient intake of rural children in Ibadan. 31
- AKINYELE I.O. & AKINLOSOTU A. Contribution of cowpea (*Vigna unguiculata*) in a mixed diet to the nutrient intake of rural children in Ibadan. 31
- ALLEN J.D. & GAWTHORNE J.M. Involvement of the solid phase of rumen digesta in the interaction between copper, molybdenum and sulphur in sheep. 265
- ARNAL M. *see* ATTAIX D. & ARNAL M. Protein synthesis and growth in the gastrointestinal tract of the young preruminant lamb. 159
- ATKINSON James L. *see* HILTON John W., ATKINSON James L. & SLINGER Stanley J. Evaluation of the net energy value of glucose (cerelose) and maize starch in diets for rainbow trout (*Salmo gairdneri*). 453
- ATTAIX D. & ARNAL M. Protein synthesis and growth in the gastrointestinal tract of the young preruminant lamb. 159
- BADALOO A.V. *see* JACKSON Alan A., BADALOO A.V., FORRESTER T., HIBBERT J.M. & PERSAUD C. Urinary excretion of 5-oxoproline (pyroglutamic aciduria) as an index of glycine insufficiency in normal man. 207
- BALNAVE Derick & YOSELEWITZ Israel The relation between sodium chloride concentration in drinking water and egg-shell damage. 503
- BARKER P.J. *see* ODDY V.H., LINDSAY D.B., BARKER P.J. & NORTHROP A.J. Effect of insulin on hind-limb and whole-body leucine and protein metabolism in fed and fasted lambs. 437
- BECK Bernard *see* DOLLET Jean-Marc, BECK Bernard, MAX Jean-Pierre & DEBRY Gérard Protein-energy malnutrition in pregnant rats improves the adaptation of the endocrine pancreas in malnourished offspring and induces insulin resistance after rehabilitation. 415
- BENADÉ A.J.S. *see* JASKIEWICZ K., WEIGHT M.J., CHRISTOPHER K.J., BENADÉ A.J.S. & KRITCHEVSKY D. A comparison of the effects of soya-bean protein and casein on bile composition, cholelithiasis and serum lipoprotein lipids in the vervet monkey (*Cercopithecus aethiops*). 257
- BHATT R.V. *see* SHAH Raksha S., RAJALAKSHMI R., BHATT R.V., HAZRA M.N., PATEL B.C., SWAMY N.B. & PATEL T.V. Liver stores of vitamin A in human fetuses in relation to gestational age, fetal size and maternal nutritional status. 181
- BHATT R.V. *see* SHAH Raksha S., RAJALAKSHMI R., BHATT R.V., HAZRA M.N., PATEL B.C., SWAMY N.B. & PATEL T.V. Vitamin E status of the newborn in relation to gestational age, birth weight and maternal vitamin E status. 191
- BINDRA G.S. *see* GIBSON R.S., BINDRA G.S., NIZAN P. & DRAPER H.H. The vitamin D status of East Indian Punjabi immigrants to Canada. 23
- BOJARSKI Joanna C. *see* CALAM John, BOJARSKI Joanna C. & SPRINGER Caroline J. Raw soya-bean flour increases cholecystokinin release in man. 175
- BOREL Patrick *see* VIGNE Jean Louis, LAIRON Denis, BOREL Patrick, PORTUGAL Henri, PAULI Anne-Marie, HAUTON Jacques Christian & LAFONT Huguette Effect of pectin, wheat bran and cellulose on serum lipids and lipoproteins in rats fed on a low- or high-fat diet. 405
- BRAMMALL Margaret L. *see* WALLACE R.J., BRODERICK G.A. & BRAMMALL Margaret L. Microbial protein and peptide metabolism in rumen fluid from faunated and ciliate-free sheep. 87
- BRASEL Jo Anne *see* SMOLIN Lori A., GROSVENOR Mary B., HANDELSMAN David J. & BRASEL Jo Anne Diet composition and lipoprotein lipase (*EC* 3.1.1.34) activity in human obesity. 13
- BRODERICK G.A. *see* WALLACE R.J., BRODERICK G.A. & BRAMMALL Margaret L. Microbial protein and peptide metabolism in rumen fluid from faunated and ciliate-free sheep. 87
- BRODERICK Glen A. Determination of protein degradation rates using a rumen in vitro system containing inhibitors of microbial nitrogen metabolism. 463
- BUDOWSKI P., LEIGHFIELD M.J. & CRAWFORD M.A. Nutritional encephalomalacia in the chick: an exposure of the vulnerable period of cerebellar development and the possible need for both ω 6- and ω 3-fatty acids. 511
- CADENHEAD A. *see* FULLER M.F., CADENHEAD A., MOLLISON G. & SEVE B. Effects of the amount and quality of dietary protein on nitrogen metabolism and heat production in growing pigs. 277

- CADENHEAD A. *see* FULLER M.F., REEDS P.J., CADENHEAD A., SEVE B. & PRESTON T. Effects of the amount and quality of dietary protein on nitrogen metabolism and protein turnover of pigs. 287
- CADENHEAD A. *see* REEDS P.J., FULLER M.F., CADENHEAD A. & HAY S.M. Urea synthesis and leucine turnover in growing pigs: changes during 2 d following the addition of carbohydrate or fat to the diet. 301
- CALAM John, BOJARSKI Joanna C. & SPRINGER Caroline J. Raw soya-bean flour increases cholecystokinin release in man. 175
- CEDERBLAD Åke *see* SANDSTRÖM Brittmari, DAVIDSSON Lena, KIVISTÖ Barbro, HASSELBLAD Claes & CEDERBLAD Åke The effect of vegetables and beet fibre on the absorption of zinc in humans from composite meals. 49
- CHEAH S.H. *see* HUSAIN R., DUNCAN M.T., CHEAH S.H. & CH'NG S.L. Effects of fasting in Ramadan on Tropical Asiatic Moslems. 41
- CHESTERS J.K. *see* PRICE J., WILL A. Marie, PASCHALERIS G. & CHESTERS J.K. Identification of thiomolybdates in digesta and plasma from sheep after administration of ⁹⁹Mo-labelled compounds into the rumen. 127
- CH'NG S.L. *see* HUSAIN R., DUNCAN M.T., CHEAH S.H. & CH'NG S.L. Effects of fasting in Ramadan on Tropical Asiatic Moslems. 41
- CHRISTOPHER K.J. *see* JASKIEWICZ K., WEIGHT M.J., CHRISTOPHER K.J., BENADÉ A.J.S. & KRITCHEVSKY D. A comparison of the effects of soya-bean protein and casein on bile composition, cholelithiasis and serum lipoprotein lipids in the vervet monkey (*Cercopithecus aethiops*). 257
- COATES M.E. *see* WARD F.W. & COATES M.E. Dietary fat and N-nitrosation in the rat. 221
- COLE A.H. & OGBE J.O. Energy intake, expenditure and pattern of daily activity of Nigerian male students. 357
- COYER Penny A., RIVERS J.P.W. & MILLWARD D.J. The effect of dietary protein and energy restriction on heat production and growth costs in the young rat. 73
- CRASS R.A., OATES P.S. & MORGAN R.G.H. The effect of fasting on enzyme levels in the enlarged and involuting rat pancreas. 427
- CRAWFORD M.A. *see* BUDOWSKI P., LEIGHFIELD M.J. & CRAWFORD M.A. Nutritional encephalomalacia in the chick: an exposure of the vulnerable period of cerebellar development and the possible need for both ω 6- and ω 3-fatty acids. 511
- DAVIDSSON Lena *see* SANDSTRÖM Brittmari, DAVIDSSON Lena, KIVISTÖ Barbro, HASSELBLAD Claes & CEDERBLAD Åke The effect of vegetables and beet fibre on the absorption of zinc in humans from composite meals. 49
- DAVIES H.L. *see* MURGATROYD P.R., DAVIES H.L. & PRENTICE A.M. Intra-individual variability and measurement noise in estimates of energy expenditure by whole body indirect calorimetry. 347
- DAVIS Richard E. *see* VAN DER WESTHUYZEN Justin, DAVIS Richard E., ICKE Graham C. & METZ Jack Tissue folates in fruit bats (*Rousettus aegyptiacus*) with nitrous oxide-induced vitamin B₁₂ deficiency and neurological impairment. 485
- DEBRY Gérard *see* DOLLET Jean-Marc, BECK Bernard, MAX Jean-Pierre & DEBRY Gérard Protein-energy malnutrition in pregnant rats improves the adaptation of the endocrine pancreas in malnourished offspring and induces insulin resistance after rehabilitation. 415
- DOLLET Jean-Marc, BECK Bernard, MAX Jean-Pierre & DEBRY Gérard Protein-energy malnutrition in pregnant rats improves the adaptation of the endocrine pancreas in malnourished offspring and induces insulin resistance after rehabilitation. 415
- DRAPER H.H. *see* GIBSON R.S., BINDRA G.S., NIZAN P. & DRAPER H.H. The vitamin D status of East Indian Punjabi immigrants to Canada. 23
- DUNCAN M.T. *see* HUSAIN R., DUNCAN M.T., CHEAH S.H. & CH'NG S.L. Effects of fasting in Ramadan on Tropical Asiatic Moslems. 41
- FORBES J.M. *see* RUSBY Audrey A. & FORBES J.M. Effects of infusions of lysine, leucine and ammonium chloride into the hepatic portal vein of chickens on voluntary food intake. 325
- FORRESTER T. *see* JACKSON Alan A., BADALOO A.V., FORRESTER T., HIBBERT J.M. & PERSAUD C. Urinary excretion of 5-oxoproline (pyroglutamic aciduria) as an index of glycine insufficiency in normal man. 207
- FULLER M.F., CADENHEAD A., MOLLISON G. & SEVE B. Effects of the amount and quality of dietary protein on nitrogen metabolism and heat production in growing pigs. 277
- FULLER M.F., REEDS P.J., CADENHEAD A., SEVE B. & PRESTON T. Effects of the amount and quality of dietary protein on nitrogen metabolism and protein turnover of pigs. 287
- FULLER M.F. *see* REEDS P.J., FULLER M.F., CADENHEAD A. & HAY S.M. Urea synthesis and leucine

Index of Authors

551

- turnover in growing pigs: changes during 2 d following the addition of carbohydrate or fat to the diet. 301
- GARCIN H. *see* SUBERVILLE C., HIGUERET P., TARUOURA D., GARCIN H. & HIGUERET D. Relative contribution of cysteine and methionine to glutathione content and thyroid hormone levels in the rat. 105
- GAWTHORNE J.M. *see* ALLEN J.D. & GAWTHORNE J.M. Involvement of the solid phase of rumen digesta in the interaction between copper, molybdenum and sulphur in sheep. 265
- GEE Jennifer M. *see* SOUTHON Susan, GEE Jennifer M. & JOHNSON I.T. The effect of dietary protein source and guar gum on gastrointestinal growth and enteroglucagon secretion in the rat. 65
- GIBSON R.S., BINDRA G.S., NIZAN P. & DRAPER H.H. The vitamin D status of East Indian Punjabi immigrants to Canada. 23
- GOODALL E.D. *see* ISTASSE L., MACLEOD N.A., GOODALL E.D. & ØRSKOV E.R. Effects on plasma insulin of intermittent infusions of propionic acid, glucose or casein into the alimentary tract of non-lactating cows maintained on a liquid diet. 139
- GROSVENOR Mary B. *see* SMOLIN Lori A., GROSVENOR Mary B., HANDELSMAN David J. & BRASEL Jo Anne Diet composition and lipoprotein lipase (*EC* 3.1.1.34) activity in human obesity. 13
- HALLMANS Göran, NILSSON Ulf, SJÖSTRÖM Rolf, WETTER Lars & WING Kenneth The importance of the body's need for zinc in determining Zn availability in food: a principle demonstrated in the rat. 59
- HALLMANS Göran *see* MÖBERG Annatherine, HALLMANS Göran, SJÖSTRÖM Rolf & WING Kenneth R. The effect of wheat bran on the absorption and accumulation of cadmium in rats. 383
- HANDELSMAN David J. *see* SMOLIN Lori A., GROSVENOR Mary B., HANDELSMAN David J. & BRASEL Jo Anne Diet composition and lipoprotein lipase (*EC* 3.1.1.34) activity in human obesity. 13
- HASSELBLAD Claes *see* SANDSTRÖM Brittmari, DAVIDSSON Lena, KIVISTÖ Barbro, HASSELBLAD Claes & CEDERBLAD Åke The effect of vegetables and beet fibre on the absorption of zinc in humans from composite meals. 49
- HAUTON Jacques Christian *see* VIGNE Jean Louis, LAIRON Denis, BOREL Patrick, PORTUGAL Henri, PAULI Anne-Marie, HAUTON Jacques Christian & LAFONT Huguette Effect of pectin, wheat bran and cellulose on serum lipids and lipoproteins in rats fed on a low- or high-fat diet. 405
- HAY S.M. *see* REEDS P.J., FULLER M.F., CADENHEAD A. & HAY S.M. Urea synthesis and leucine turnover in growing pigs: changes during 2 d following the addition of carbohydrate or fat to the diet. 301
- HAZRA M.N. *see* SHAH Raksha S., RAJALAKSHMI R., BHATT R.V., HAZRA M.N., PATEL B.C., SWAMY N.B. & PATEL T.V. Liver stores of vitamin A in human fetuses in relation to gestational age, fetal size and maternal nutritional status. 181
- HAZRA M.N. *see* SHAH Raksha S., RAJALAKSHMI R., BHATT R.V., HAZRA M.N., PATEL B.C., SWAMY N.B. & PATEL T.V. Vitamin E status of the newborn in relation to gestational age, birth weight and maternal vitamin E status. 191
- HEPPELL L.M.J., SISSONS J.W. & PEDERSEN H.E. A comparison of the antigenicity of soya-bean-based infant formulas. 393
- HIBBERT J.M. *see* JACKSON Alan A., BADALOO A.V., FORRESTER T., HIBBERT J.M. & PERSAUD C. Urinary excretion of 5-oxoproline (pyroglutamic aciduria) as an index of glycine insufficiency in normal man. 207
- HIDIROGLOU M. & KARPINSKI K. Vitamin E kinetics in sheep. 113
- HIGUERET D. *see* SUBERVILLE C., HIGUERET P., TARUOURA D., GARCIN H. & HIGUERET D. Relative contribution of cysteine and methionine to glutathione content and thyroid hormone levels in the rat. 105
- HIGUERET P. *see* SUBERVILLE C., HIGUERET P., TARUOURA D., GARCIN H. & HIGUERET D. Relative contribution of cysteine and methionine to glutathione content and thyroid hormone levels in the rat. 105
- HILTON John W., ATKINSON James L. & SLINGER Stanley J. Evaluation of the net energy value of glucose (cerelese) and maize starch in diets for rainbow trout (*Salmo gairdneri*). 453
- HORIGOME Takao *see* SAKAGUCHI Ei, ITOH Hiroshi, UCHIDA Senji & HORIGOME Takao Comparison of fibre digestion and digesta retention time between rabbits, guinea-pigs, rats and hamsters. 149
- HOSHINO S. *see* WAKITA M. & HOSHINO S. Effect of sugar fatty acid esters on rumen fermentation in vitro. 493
- HUNTER R.A. & VERCOE J.E. Reduction of energy requirements of steers fed on low-quality-roughage diets using trenbolone acetate. 477
- HUSAIN R., DUNCAN M.T., CHEAH S.H. & CH'NG S.L. Effects of fasting in Ramadan on Tropical Asiatic Moslems. 41

ICKE Graham C. <i>see</i> VAN DER WESTHUYZEN Justin, DAVIS Richard E., ICKE Graham C. & METZ Jack Tissue folates in fruit bats (<i>Rousettus aegyptiacus</i>) with nitrous oxide-induced vitamin B ₁₂ deficiency and neurological impairment.	485
ISTASSE L., MACLEOD N.A., GOODALL E.D. & ØRSKOV E.R. Effects on plasma insulin of intermittent infusions of propionic acid, glucose or casein into the alimentary tract of non-lactating cows maintained on a liquid diet.	139
ITOH Hiroshi <i>see</i> SAKAGUCHI Ei, ITOH Hiroshi, UCHIDA Senji & HORIGOME Takao Comparison of fibre digestion and digesta retention time between rabbits, guinea-pigs, rats and hamsters.	149
JACKSON Alan A., BADALOO A.V., FORRESTER T., HIBBERT J.M. & PERSAUD C. Urinary excretion of 5-oxoproline (pyroglutamic aciduria) as an index of glycine insufficiency in normal man.	207
JÄGERSTAD M. <i>see</i> NILSSON U. & JÄGERSTAD M. Hydrolysis of lactitol, maltitol and Palatinit® by human intestinal biopsies.	199
JASKIEWICZ K., WEIGHT M.J., CHRISTOPHER K.J., BENADÉ A.J.S. & KRITCHEVSKY D. A comparison of the effects of soya-bean protein and casein on bile composition, cholelithiasis and serum lipoprotein lipids in the vervet monkey (<i>Cercopithecus aethiops</i>).	257
JAYARAJAN M. Prem & SHETTY P.S. Cardiovascular β -adrenoceptor sensitivity of undernourished subjects.	5
JOHNSON I.T. <i>see</i> SOUTHON Susan, GEE Jennifer M. & JOHNSON I.T. The effect of dietary protein source and guar gum on gastrointestinal growth and enteroglucagon secretion in the rat.	65
JONES D.G. <i>see</i> SUTTLE N.F., JONES D.G., WOOLLIAMS C. & WOOLLIAMS J.A. Heinz body anaemia in lambs with deficiencies of copper or selenium.	539
KARPINSKI K. <i>see</i> HIDIROGLOU M. & KARPINSKI K. Vitamin E kinetics in sheep.	113
KIVISTÖ Barbro <i>see</i> SANDSTRÖM Brittmari, DAVIDSSON Lena, KIVISTÖ Barbro, HASSELBLAD Claes & CEDERBLAD Åke The effect of vegetables and beet fibre on the absorption of zinc in humans from composite meals.	49
KRITCHEVSKY D. <i>see</i> JASKIEWICZ K., WEIGHT M.J., CHRISTOPHER K.J., BENADÉ A.J.S. & KRITCHEVSKY D. A comparison of the effects of soya-bean protein and casein on bile composition, cholelithiasis and serum lipoprotein lipids in the vervet monkey (<i>Cercopithecus aethiops</i>).	257
LAFONT Huguette <i>see</i> VIGNE Jean Louis, LAIRON Denis, BOREL Patrick, PORTUGAL Henri, PAULI Anne-Marie, HAUTON Jacques Christian & LAFONT Huguette Effect of pectin, wheat bran and cellulose on serum lipids and lipoproteins in rats fed on a low- or high-fat diet.	405
LAIRON Denis <i>see</i> VIGNE Jean Louis, LAIRON Denis, BOREL Patrick, PORTUGAL Henri, PAULI Anne-Marie, HAUTON Jacques Christian & LAFONT Huguette Effect of pectin, wheat bran and cellulose on serum lipids and lipoproteins in rats fed on a low- or high-fat diet.	405
LEIGHFIELD M.J. <i>see</i> BUDOWSKI P., LEIGHFIELD M.J. & CRAWFORD M.A. Nutritional encephalomalacia in the chick: an exposure of the vulnerable period of cerebellar development and the possible need for both ω 6- and ω 3-fatty acids.	511
LIDDELL J. <i>see</i> WISE A., LOCKIE G.M. & LIDDELL J. Dietary intakes of phytate and its meal distribution pattern amongst staff and students in an institution of higher education.	337
LINDSAY D.B. <i>see</i> ODDY V.H., LINDSAY D.B., BARKER P.J. & NORTHROP A.J. Effect of insulin on hind-limb and whole-body leucine and protein metabolism in fed and fasted lambs.	437
LOCKIE G.M. <i>see</i> WISE A., LOCKIE G.M. & LIDDELL J. Dietary intakes of phytate and its meal distribution pattern amongst staff and students in an institution of higher education.	337
MCBURNEY M.I. & THOMPSON L.U. Effect of human faecal inoculum on in vitro fermentation variables.	233
MACLEOD N.A. <i>see</i> ISTASSE L., MACLEOD N.A., GOODALL E.D. & ØRSKOV E.R. Effects on plasma insulin of intermittent infusions of propionic acid, glucose or casein into the alimentary tract of non-lactating cows maintained on a liquid diet.	139
MCPHERSON Carol A. <i>see</i> WALLACE R.J. & MCPHERSON Carol A. Factors affecting the rate of breakdown of bacterial protein in rumen fluid.	313
MASSEY R.F. <i>see</i> SMART J.L., MASSEY R.F., NASH S.C. & TONKISS J. Effects of early-life undernutrition in artificially reared rats: subsequent body and organ growth.	245
MAX Jean-Pierre <i>see</i> DOLLET Jean-Marc, BECK Bernard, MAX Jean-Pierre & DEBRY Gérard Protein-energy malnutrition in pregnant rats improves the adaptation of the endocrine pancreas in malnourished offspring and induces insulin resistance after rehabilitation.	415
METZ Jack <i>see</i> VAN DER WESTHUYZEN Justin, DAVIS Richard E., ICKE Graham C. & METZ Jack Tissue folates in fruit bats (<i>Rousettus aegyptiacus</i>) with nitrous oxide-induced vitamin B ₁₂ deficiency and neurological impairment.	485

MILLWARD D.J. <i>see</i> COYER Penny A., RIVERS J.P.W. & MILLWARD D.J. The effect of dietary protein and energy restriction on heat production and growth costs in the young rat.	73
MIWA Takashi, SHOJI Hiromu, SOLOMONOW Moshe, YAZDANI Malektaj & NAKAMOTO Tetsuo Gestational protein-energy malnutrition affects the composition of developing skins of rat fetuses and their dams.	215
MOBERG Annatherine, HALLMANS Göran, SJÖSTRÖM Rolf & WING Kenneth R. The effect of wheat bran on the absorption and accumulation of cadmium in rats.	383
MOLLISON G. <i>see</i> FULLER M.F., CADENHEAD A., MOLLISON G. & SEVE B. Effects of the amount and quality of dietary protein on nitrogen metabolism and heat production in growing pigs.	277
MORGAN R.G.H. <i>see</i> CRASS R.A., OATES P.S. & MORGAN R.G.H. The effect of fasting on enzyme levels in the enlarged and involuting rat pancreas.	427
MORRIS James G. <i>see</i> QUAM Darcy D., MORRIS James G. & ROGERS Quinton R. Histidine requirement of kittens for growth, haematopoiesis and prevention of cataracts.	521
MURGATROYD P.R., DAVIES H.L. & PRENTICE A.M. Intra-individual variability and measurement noise in estimates of energy expenditure by whole body indirect calorimetry.	347
NAISMITH Donald J. & ROBINSON Siân M. Adaptations in protein metabolism during lactation in the rat.	533
NAKAMOTO Tetsuo <i>see</i> MIWA Takashi, SHOJI Hiromu, SOLOMONOW Moshe, YAZDANI Malektaj & NAKAMOTO Tetsuo Gestational protein-energy malnutrition affects the composition of developing skins of rat fetuses and their dams.	215
NASH S.C. <i>see</i> SMART J.L., MASSEY R.F., NASH S.C. & TONKISS J. Effects of early-life undernutrition in artificially reared rats: subsequent body and organ growth.	245
NILSSON U. & JÄGERSTAD M. Hydrolysis of lactitol, maltitol and Palatinit® by human intestinal biopsies.	199
NILSSON Ulf <i>see</i> HALLMANS Göran, NILSSON Ulf, SJÖSTRÖM Rolf, WETTER Lars & WING Kenneth The importance of the body's need for zinc in determining Zn availability in food: a principle demonstrated in the rat.	59
NIZAN P. <i>see</i> GIBSON R.S., BINDRA G.S., NIZAN P. & DRAPER H.H. The vitamin D status of East Indian Punjabi immigrants to Canada.	23
NORTHROP A.J. <i>see</i> ODDY V.H., LINDSAY D.B., BARKER P.J. & NORTHROP A.J. Effect of insulin on hind-limb and whole-body leucine and protein metabolism in fed and fasted lambs.	437
OATES P.S. <i>see</i> CRASS R.A., OATES P.S. & MORGAN R.G.H. The effect of fasting on enzyme levels in the enlarged and involuting rat pancreas.	427
ODDY V.H., LINDSAY D.B., BARKER P.J. & NORTHROP A.J. Effect of insulin on hind-limb and whole-body leucine and protein metabolism in fed and fasted lambs.	437
OGBE J.O. <i>see</i> COLE A.H. & OGBE J.O. Energy intake, expenditure and pattern of daily activity of Nigerian male students.	357
ØRSKOV E.R. <i>see</i> ISTASSE L., MACLEOD N.A., GOODALL E.D. & ØRSKOV E.R. Effects on plasma insulin of intermittent infusions of propionic acid, glucose or casein into the alimentary tract of non-lactating cows maintained on a liquid diet.	139
PASCHALERIS G. <i>see</i> PRICE J., WILL A. Marie, PASCHALERIS G. & CHESTERS J.K. Identification of thiomolybdates in digesta and plasma from sheep after administration of ⁹⁹ Mo-labelled compounds into the rumen.	127
PATEL B.C. <i>see</i> SHAH Raksha S., RAJALAKSHMI R., BHATT R.V., HAZRA M.N., PATEL B.C., SWAMY N.B. & PATEL T.V. Liver stores of vitamin A in human fetuses in relation to gestational age, fetal size and maternal nutritional status.	181
PATEL B.C. <i>see</i> SHAH Raksha S., RAJALAKSHMI R., BHATT R.V., HAZRA M.N., PATEL B.C., SWAMY N.B. & PATEL T.V. Vitamin E status of the newborn in relation to gestational age, birth weight and maternal vitamin E status.	191
PATEL T.V. <i>see</i> SHAH Raksha S., RAJALAKSHMI R., BHATT R.V., HAZRA M.N., PATEL B.C., SWAMY N.B. & PATEL T.V. Liver stores of vitamin A in human fetuses in relation to gestational age, fetal size and maternal nutritional status.	181
PATEL T.V. <i>see</i> SHAH Raksha S., RAJALAKSHMI R., BHATT R.V., HAZRA M.N., PATEL B.C., SWAMY N.B. & PATEL T.V. Vitamin E status of the newborn in relation to gestational age, birth weight and maternal vitamin E status.	191
PAULI Anne-Marie <i>see</i> VIGNE Jean Louis, LAIRON Denis, BOREL Patrick, PORTUGAL Henri, PAULI Anne-Marie, HAUTON Jacques Christian & LAFONT Huguette Effect of pectin, wheat bran and cellulose on serum lipids and lipoproteins in rats fed on a low- or high-fat diet.	405

- PEDERSEN H.E. *see* HEPPELL L.M.J., SISSONS J.W. & PEDERSEN H.E. A comparison of the antigenicity of soya-bean-based infant formulas. 393
- PERSAUD C. *see* JACKSON Alan A., BADALOO A.V., FORRESTER T., HIBBERT J.M. & PERSAUD C. Urinary excretion of 5-oxoprolinone (pyroglutamic aciduria) as an index of glycine insufficiency in normal man. 207
- PORTUGAL Henri *see* VIGNE Jean Louis, LAIRON Denis, BOREL Patrick, PORTUGAL Henri, PAULI Anne-Marie, HAUTON Jacques Christian & LAFONT Huguette Effect of pectin, wheat bran and cellulose on serum lipids and lipoproteins in rats fed on a low- or high-fat diet. 405
- PRENTICE A.M. *see* MURGATROYD P.R., DAVIES H.L. & PRENTICE A.M. Intra-individual variability and measurement noise in estimates of energy expenditure by whole body indirect calorimetry. 347
- PRESTON T. *see* FULLER M.F., REEDS P.J., CADENHEAD A., SEVE B. & PRESTON T. Effects of the amount and quality of dietary protein on nitrogen metabolism and protein turnover of pigs. 287
- PRICE J., WILL A. Marie, PASCHALERIS G. & CHESTERS J.K. Identification of thiomolybdates in digesta and plasma from sheep after administration of ⁹⁹Mo-labelled compounds into the rumen. 127
- QUAM Darcy D., MORRIS James G. & ROGERS Quinton R. Histidine requirement of kittens for growth, haematopoiesis and prevention of cataracts. 521
- RAJALAKSHMI R. *see* SHAH Raksha S., RAJALAKSHMI R., BHATT R.V., HAZRA M.N., PATEL B.C., SWAMY N.B. & PATEL T.V. Liver stores of vitamin A in human fetuses in relation to gestational age, fetal size and maternal nutritional status. 181
- RAJALAKSHMI R. *see* SHAH Raksha S., RAJALAKSHMI R., BHATT R.V., HAZRA M.N., PATEL B.C., SWAMY N.B. & PATEL T.V. Vitamin E status of the newborn in relation to gestational age, birth weight and maternal vitamin E status. 191
- REEDS P.J. *see* FULLER M.F., REEDS P.J., CADENHEAD A., SEVE B. & PRESTON T. Effects of the amount and quality of dietary protein on nitrogen metabolism and protein turnover of pigs. 287
- REEDS P.J., FULLER M.F., CADENHEAD A. & HAY S.M. Urea synthesis and leucine turnover in growing pigs: changes during 2 d following the addition of carbohydrate or fat to the diet. 301
- RIVERS J.P.W. *see* COYER Penny A., RIVERS J.P.W. & MILLWARD D.J. The effect of dietary protein and energy restriction on heat production and growth costs in the young rat. 73
- ROBINSON Siân M. *see* NAISMITH Donald J. & ROBINSON Siân M. Adaptations in protein metabolism during lactation in the rat. 533
- ROGERS Quinton R. *see* QUAM Darcy D., MORRIS James G. & ROGERS Quinton R. Histidine requirement of kittens for growth, haematopoiesis and prevention of cataracts. 521
- RUSBY Audrey A. & FORBES J.M. Effects of infusions of lysine, leucine and ammonium chloride into the hepatic portal vein of chickens on voluntary food intake. 325
- SAKAGUCHI Ei, ITOH Hiroshi, UCHIDA Senji & HORIGOME Takao Comparison of fibre digestion and digesta retention time between rabbits, guinea-pigs, rats and hamsters. 149
- SAKATA Takashi Stimulatory effect of short-chain fatty acids on epithelial cell proliferation in the rat intestine: a possible explanation for trophic effects of fermentable fibre, gut microbes and luminal trophic factors. 95
- SANDSTRÖM Brittmarie, DAVIDSSON Lena, KIVISTÖ Barbro, HASSELBLAD Claes & CEDERBLAD Åke The effect of vegetables and beet fibre on the absorption of zinc in humans from composite meals. 49
- SCHOFIELD Claire, WHEELER Erica & STEWART Judy The diets of pregnant and post-pregnant women in different social groups in London and Edinburgh: energy, protein, fat and fibre. 369
- SEVE B. *see* FULLER M.F., CADENHEAD A., MOLLISON G. & SEVE B. Effects of the amount and quality of dietary protein on nitrogen metabolism and heat production in growing pigs. 277
- SEVE B. *see* FULLER M.F., REEDS P.J., CADENHEAD A., SEVE B. & PRESTON T. Effects of the amount and quality of dietary protein on nitrogen metabolism and protein turnover of pigs. 287
- SHAH Raksha S., RAJALAKSHMI R., BHATT R.V., HAZRA M.N., PATEL B.C., SWAMY N.B. & PATEL T.V. Liver stores of vitamin A in human fetuses in relation to gestational age, fetal size and maternal nutritional status. 181
- SHAH Raksha S., RAJALAKSHMI R., BHATT R.V., HAZRA M.N., PATEL B.C., SWAMY N.B. & PATEL T.V. Vitamin E status of the newborn in relation to gestational age, birth weight and maternal vitamin E status. 191
- SHETTY P.S. *see* JAYARAJAN M. Prem & SHETTY P.S. Cardiovascular β -adrenoceptor sensitivity of undernourished subjects. 5
- SHOJI Hiromu *see* MIWA Takashi, SHOJI Hiromu, SOLOMONOW Moshe, YAZDANI Malektaj & NAKAMOTO Tetsuo Gestational protein-energy malnutrition affects the composition of developing skins of rat fetuses and their dams. 215

Index of Authors

555

SISSONS J.W. <i>see</i> HEPELL L.M.J., SISSONS J.W. & PEDERSEN H.E. A comparison of the antigenicity of soya-bean-based infant formulas.	393
SJÖSTRÖM Rolf <i>see</i> HALLMANS Göran, NILSSON Ulf, SJÖSTRÖM Rolf, WETTER Lars & WING Kenneth The importance of the body's need for zinc in determining Zn availability in food: a principle demonstrated in the rat.	59
SJÖSTRÖM Rolf <i>see</i> MOBERG Annatherine, HALLMANS Göran, SJÖSTRÖM Rolf & WING Kenneth R. The effect of wheat bran on the absorption and accumulation of cadmium in rats.	383
SLINGER Stanley J. <i>see</i> HILTON John W., ATKINSON James L. & SLINGER Stanley J. Evaluation of the net energy value of glucose (cerelose) and maize starch in diets for rainbow trout (<i>Salmo gairdneri</i>).	453
SMART J.L., MASSEY R.F., NASH S.C. & TONKISS J. Effects of early-life undernutrition in artificially reared rats: subsequent body and organ growth.	245
SMOLIN Lori A., GROSVENOR Mary B., HANDELSMAN David J. & BRASEL Jo Anne Diet composition and lipoprotein lipase (EC 3.1.1.34) activity in human obesity.	13
SOLOMONOW Moshe <i>see</i> MIWA Takashi, SHOJI Hiromu, SOLOMONOW Moshe, YAZDANI Malektaj & NAKAMOTO Tetsuo Gestational protein-energy malnutrition affects the composition of developing skins of rat fetuses and their dams.	215
SOUTHON Susan, GEE Jennifer M. & JOHNSON I.T. The effect of dietary protein source and guar gum on gastrointestinal growth and enteroglucagon secretion in the rat.	65
SPRINGER Caroline J. <i>see</i> CALAM John, BOJARSKI Joanna C. & SPRINGER Caroline J. Raw soya-bean flour increases cholecystokinin release in man.	175
STEWART Judy <i>see</i> SCHOFIELD Claire, WHEELER Erica & STEWART Judy The diets of pregnant and post-pregnant women in different social groups in London and Edinburgh: energy, protein, fat and fibre.	369
SUBERVILLE C., HIGUERET P., TARUOURA D., GARCIN H. & HIGUERET D. Relative contribution of cysteine and methionine to glutathione content and thyroid hormone levels in the rat.	105
SUTTLE N.F., JONES D.G., WOOLLIAMS C. & WOOLLIAMS J.A. Heinz body anaemia in lambs with deficiencies of copper or selenium.	539
SWAMY N.B. <i>see</i> SHAH Raksha S., RAJALAKSHMI R., BHATT R.V., HAZRA M.N., PATEL B.C., SWAMY N.B. & PATEL T.V. Liver stores of vitamin A in human fetuses in relation to gestational age, fetal size and maternal nutritional status.	181
SWAMY N.B. <i>see</i> SHAH Raksha S., RAJALAKSHMI R., BHATT R.V., HAZRA M.N., PATEL B.C., SWAMY N.B. & PATEL T.V. Vitamin E status of the newborn in relation to gestational age, birth weight and maternal vitamin E status.	191
TARUOURA D. <i>see</i> SUBERVILLE C., HIGUERET P., TARUOURA D., GARCIN H. & HIGUERET D. Relative contribution of cysteine and methionine to glutathione content and thyroid hormone levels in the rat.	105
THOMPSON L.U. <i>see</i> MCBURNEY M.I. & THOMPSON L.U. Effect of human faecal inoculum on in vitro fermentation variables.	233
TONKISS J. <i>see</i> SMART J.L., MASSEY R.F., NASH S.C. & TONKISS J. Effects of early-life undernutrition in artificially reared rats: subsequent body and organ growth.	245
UCHIDA Senji <i>see</i> SAKAGUCHI Ei, ITOH Hiroshi, UCHIDA Senji & HORIGOME Takao Comparison of fibre digestion and digesta retention time between rabbits, guinea-pigs, rats and hamsters.	149
VAN DER WESTHUYZEN Justin, DAVIS Richard E., ICKE Graham C. & METZ Jack Tissue folates in fruit bats (<i>Rousettus aegyptiacus</i>) with nitrous oxide-induced vitamin B ₁₂ deficiency and neurological impairment.	485
VERCOE J.E. <i>see</i> HUNTER R.A. & VERCOE J.E. Reduction of energy requirements of steers fed on low-quality-roughage diets using trenbolone acetate.	477
VIGNE Jean Louis, LAIRON Denis, BOREL Patrick, PORTUGAL Henri, PAULI Anne-Marie, HAUTON Jacques Christian & LAFONT Huguette Effect of pectin, wheat bran and cellulose on serum lipids and lipoproteins in rats fed on a low- or high-fat diet.	405
WAKITA M. & HOSHINO S. Effect of sugar fatty acid esters on rumen fermentation in vitro.	493
WALLACE R.J., BRÖDERICK G.A. & BRAMMALL Margaret L. Microbial protein and peptide metabolism in rumen fluid from faunated and ciliate-free sheep.	87
WALLACE R.J. & MCPHERSON Carol A. Factors affecting the rate of breakdown of bacterial protein in rumen fluid.	313
WARD F.W. & COATES M.E. Dietary fat and <i>N</i> -nitrosation in the rat.	221
WEIGHT M.J. <i>see</i> JASKIEWICZ K., WEIGHT M.J., CHRISTOPHER K.J., BENADÉ A.J.S. & KRITCHEVSKY D.	

- A comparison of the effects of soya-bean protein and casein on bile composition, cholelithiasis and serum lipoprotein lipids in the vervet monkey (*Cercopithecus aethiops*). 257
- WETTER Lars *see* HALLMANS Göran, NILSSON Ulf, SJÖSTRÖM Rolf, WETTER Lars & WING Kenneth The importance of the body's need for zinc in determining Zn availability in food: a principle demonstrated in the rat. 59
- WHEELER Erica *see* SCHOFIELD Claire, WHEELER Erica & STEWART Judy The diets of pregnant and post-pregnant women in different social groups in London and Edinburgh: energy, protein, fat and fibre. 369
- WILL A. Marie *see* PRICE J., WILL A. Marie, PASCHALERIS G. & CHESTERS J.K. Identification of thiomolybdates in digesta and plasma from sheep after administration of ⁹⁹Mo-labelled compounds into the rumen. 127
- WING Kenneth *see* HALLMANS Göran, NILSSON Ulf, SJÖSTRÖM Rolf, WETTER Lars & WING Kenneth The importance of the body's need for zinc in determining Zn availability in food: a principle demonstrated in the rat. 59
- WING Kenneth R. *see* MÖBERG Annacatherine, HALLMANS Göran, SJÖSTRÖM Rolf & WING Kenneth R. The effect of wheat bran on the absorption and accumulation of cadmium in rats. 383
- WISE A., LOCKIE G.M. & LIDDELL J. Dietary intakes of phytate and its meal distribution pattern amongst staff and students in an institution of higher education. 337
- WOOLLIAMS C. *see* SUTTLE N.F., JONES D.G., WOOLLIAMS C. & WOOLLIAMS J.A. Heinz body anaemia in lambs with deficiencies of copper or selenium. 539
- WOOLLIAMS J.A. *see* SUTTLE N.F., JONES D.G., WOOLLIAMS C. & WOOLLIAMS J.A. Heinz body anaemia in lambs with deficiencies of copper or selenium. 539
- YAZDANI Malektaj *see* MIWA Takashi, SHOJI Hiromu, SOLOMONOW Moshe, YAZDANI Malektaj & NAKAMOTO Tetsuo Gestational protein-energy malnutrition affects the composition of developing skins of rat fetuses and their dams. 215
- YOSELEWITZ Israel *see* BALNAVE Derick & YOSELEWITZ Israel The relation between sodium chloride concentration in drinking water and egg-shell damage. 503