

Index of Authors

- AHMED Faruk *see* FARUQUE Md.Omar, KHAN Moududur Rahman, RAHMAN Md.Mostafizur & AHMED Faruk Relationship between smoking and antioxidant nutrient status. 625
- ÅKESSON B. *see* HUANG W., ÅKESSON B., SVENSSON B.G., SCHÜTZ A., BURK R.F. & SKERFVING S. Selenoprotein P and glutathione peroxidase (EC 1.11.1.9) in plasma as indices of selenium status in relation to the intake of fish. 455
- ALAMOWITCH Catherine *see* BOILLOT Josette, ALAMOWITCH Catherine, BERGER Anne-Marie, LUO Jing, BRUZZO Françoise, BORNET Francis R.J. & SLAMA Gerard Effects of dietary propionate on hepatic glucose production, whole-body glucose utilization, carbohydrate and lipid metabolism in normal rats. 241
- ALFAHAM Mazin, WOODHEAD Stuart, PASK Gunilla & DAVIES David Vitamin D deficiency: a concern in pregnant Asian women. 881
- ALFÉREZ M.J.M. *see* HARTITI S., BARRIONUEVO M., LÓPEZ-ALIAGA I., LISBONA F., PALLARÉS I., ALFÉREZ M.J.M., GÓMEZ-AYALA A.E. & CAMPOS M.S. Effects of intestinal resection, cholecalciferol and ascorbic acid on iron metabolism in rats. 871
- ALFREDO MARTÍNEZ J., ESPARZA M. Luisa & LARRALDE Jesús Immunological changes in growing mice fed on diets containing casein or peas (*Pisum sativum* var. Belinda) as the source of protein. 87
- ANDERSON Annie S., CAMPBELL Doris M. & SHEPHERD Richard The influence of dietary advice on nutrient intake during pregnancy. 163
- ARMOUR Julia C. *see* GRANT George, DORWARD Patricia M., BUCHAN Wendy C., ARMOUR Julia C. & PUSZTAI Arpad Consumption of diets containing raw soya beans (*Glycine max*), kidney beans (*Phaseolus vulgaris*), cowpeas (*Vigna unguiculata*) or lupin seeds (*Lupinus angustifolius*) by rats for up to 700 days: effects on body composition and organ weights. 17
- ARYA P. *see* TANEJA S.K., CHADHA S. & ARYA P. Lipid-zinc interaction: its effect on the testes of mice. 723
- ASP N.-G. *see* ÖNNING G. & ASP N.-G. Effect of oat saponins on plasma and liver lipids in gerbils (*Meriones unguiculatus*) and rats. 275
- ASTRUP Arne *see* RABEN Anne, TAGLIABUE Anna & ASTRUP Arne The reproducibility of subjective appetite scores. 517
- ATWOOD C.S. *see* BIRD P.H., ATWOOD C.S. & HARTMANN P.E. The responses of blood galactose to oral doses of lactose, galactose plus glucose and milk to piglets. 753
- BALCELLS J. *see* ORUE S.M. Martín, BALCELLS J., GUADA J.A. & CASTRILLO C. Endogenous purine and pyrimidine derivative excretion in pregnant sows. 375
- BARDÓCZ Susan, DUGUID Tracey J., BROWN David S., GRANT George, PUSZTAI Arpad, WHITE Ann & RALPH Ann The importance of dietary polyamines in cell regeneration and growth. 819
- BARÓ Luis *see* BOZA Julio J., MARTÍNEZ-AUGUSTIN Olga, BARÓ Luis, DOLORES SUAREZ M. & GIL Angel Protein v. enzymic protein hydrolysates. Nitrogen utilization in starved rats. 65
- BARRIONUEVO M. *see* HARTITI S., BARRIONUEVO M., LÓPEZ-ALIAGA I., LISBONA F., PALLARÉS I., ALFÉREZ M.J.M., GÓMEZ-AYALA A.E. & CAMPOS M.S. Effects of intestinal resection, cholecalciferol and ascorbic acid on iron metabolism in rats. 871
- BATES C. *see* BINGHAM S.A., CASSIDY A., COLE T.J., WELCH A., RUNSWICK S.A., BLACK A.E., THURNHAM D., BATES C., KHAW K.T., KEY T.J.A. & DAY N.E. Validation of weighed records and other methods of dietary assessment using the 24 h urine nitrogen technique and other biological markers. 531
- BATTERHAM E.S. *see* VAN BARNEVELD R.J., BATTERHAM E.S., SKINGLE D.C. & NORTON B.W. The effect of heat on amino acids for growing pigs. 4. Nitrogen balance and urine, serum and plasma composition of growing pigs fed on raw or heat-treated field peas (*Pisum sativum*). 259
- BAUMONT R. *see* VAN OS M., DULPHY J.P. & BAUMONT R. The effect of protein degradation products in grass silages on feed intake and intake behaviour in sheep. 51
- BAUMONT René *see* VAN MILGEN Jaap & BAUMONT René Models based on variable fractional digestion rates to describe ruminal *in situ* digestion. 793
- BECKER K. *see* MAKKAR H.P.S., BLÜMMEL M. & BECKER K. Formation of complexes between polyvinyl pyrrolidones or polyethylene glycols and tannins, and their implication in gas production and true digestibility in *in vitro* techniques. 897

- BENATI Giuseppe** *see* **CORAZZA Gino R., BENATI Giuseppe, DI SARIO Antonio, TAROZZI Carlo, STROCCHI Alessandra, PASSERI Mario & GASBARRINI Giovanni** Lactose intolerance and bone mass in postmenopausal Italian women. 479
- BERGER Anne-Marie** *see* **BOILLOT Josette, ALAMOWITCH Catherine, BERGER Anne-Marie, LUO Jing, BRUZZO Françoise, BORNET Francis R.J. & SLAMA Gerard** Effects of dietary propionate on hepatic glucose production, whole-body glucose utilization, carbohydrate and lipid metabolism in normal rats. 241
- BERNER Y.** *see* **SKLAN D., TRIFON S., KEDAR O., VAISMAN N. & BERNER Y.** Retinoid metabolism in human leucocytes. 889
- BEYNEN Anton C.** *see* **HEIJNEN Marie-Louise A., DEURENBERG Paul, VAN AMELSVOORT Johan M.M. & BEYNEN Anton C.** Replacement of digestible by resistant starch lowers diet-induced thermogenesis in healthy men. 423
- BEYNEN Anton C.** *see* **YU Shiguang & BEYNEN Anton C.** High tin intake reduces copper status in rats through inhibition of copper absorption. 863
- BINGHAM S.A., CASSIDY A., COLE T.J., WELCH A., RUNSWICK S.A., BLACK A.E., THURNHAM D., BATES C., KHAW K.T., KEY T.J.A. & DAY N.E.** Validation of weighed records and other methods of dietary assessment using the 24 h urine nitrogen technique and other biological markers. 531
- BIRD P.H., ATWOOD C.S. & HARTMANN P.E.** The responses of blood galactose to oral doses of lactose, galactose plus glucose and milk to piglets. 753
- BLACK A.E.** *see* **BINGHAM S.A., CASSIDY A., COLE T.J., WELCH A., RUNSWICK S.A., BLACK A.E., THURNHAM D., BATES C., KHAW K.T., KEY T.J.A. & DAY N.E.** Validation of weighed records and other methods of dietary assessment using the 24 h urine nitrogen technique and other biological markers. 531
- BLANCO Carlos E.** *see* **FOREMAN-VAN DRONGELEN Magritha M.H.P., HOUWELINGEN Adriana C.V., KESTER Arnold D.M., DE JONG André E.P., BLANCO Carlos E., HASAART Tom H.M. & HORNSTRA Gerard** Long-chain polyene status of preterm infants with regard to the fatty acid composition of their diet: comparison between absolute and relative fatty acid levels in plasma and erythrocyte phospholipids. 405
- BLÜMMEL M.** *see* **MAKKAR H.P.S., BLÜMMEL M. & BECKER K.** Formation of complexes between polyvinyl pyrrolidones or polyethylene glycols and tannins, and their implication in gas production and true digestibility in *in vitro* techniques. 897
- BOEKHOUDT Piet** *see* **WESTERTERP Klaas R., DONKERS Jeroen H.H.L.M., FREDRIX Elisabeth W.H.M. & BOEKHOUDT Piet** Energy intake, physical activity and body weight: a simulation model. 337
- BOILLOT Josette, ALAMOWITCH Catherine, BERGER Anne-Marie, LUO Jing, BRUZZO Françoise, BORNET Francis R.J. & SLAMA Gerard** Effects of dietary propionate on hepatic glucose production, whole-body glucose utilization, carbohydrate and lipid metabolism in normal rats. 241
- BORNET Francis R.J.** *see* **BOILLOT Josette, ALAMOWITCH Catherine, BERGER Anne-Marie, LUO Jing, BRUZZO Françoise, BORNET Francis R.J. & SLAMA Gerard** Effects of dietary propionate on hepatic glucose production, whole-body glucose utilization, carbohydrate and lipid metabolism in normal rats. 241
- BOSCH Marlou W. & BRUINING Marianne** Passage rate and total clearance rate from the rumen of cows fed on grass silages differing in cell-wall content. 41
- BOZA Julio J., MARTÍNEZ-AUGUSTIN Olga, BARÓ Luis, DOLORES SUAREZ M. & GIL Angel** Protein v. enzymic protein hydrolysates. Nitrogen utilization in starved rats. 65
- BRAND MILLER Janette, PANG Edna & BROOMHEAD Louise** The glycaemic index of foods containing sugars: comparison of foods with naturally-occurring v. added sugars. 613
- BROOMHEAD Louise** *see* **BRAND MILLER Janette, PANG Edna & BROOMHEAD Louise** The glycaemic index of foods containing sugars: comparison of foods with naturally-occurring v. added sugars. 613
- BROWN David S.** *see* **BARDÓCZ Susan, DUGUID Tracey J., BROWN David S., GRANT George, PUSZTAI Arpad, WHITE Ann & RALPH Ann** The importance of dietary polyamines in cell regeneration and growth. 819
- BROWN D.S.** *see* **LOBLEY G.E., CONNELL A., LOMAX M.A., BROWN D.S., MILNE E., CALDER A.G. & FARNINGHAM D.A.H.** Hepatic detoxification of ammonia in the ovine liver: possible consequences for amino acid catabolism. 667
- BRUINING Marianne** *see* **BOSCH Marlou W. & BRUINING Marianne** Passage rate and total clearance rate from the rumen of cows fed on grass silages differing in cell-wall content. 41
- BRUZZO Françoise** *see* **BOILLOT Josette, ALAMOWITCH Catherine, BERGER Anne-Marie, LUO Jing, BRUZZO Françoise, BORNET Francis R.J. & SLAMA Gerard** Effects of dietary propionate on hepatic glucose production, whole-body glucose utilization, carbohydrate and lipid metabolism in normal rats. 241

- BUCHAN Wendy C. *see* GRANT George, DORWARD Patricia M., BUCHAN Wendy C., ARMOUR Julia C. & PUSZTAI Arpad Consumption of diets containing raw soya beans (*Glycine max*), kidney beans (*Phaseolus vulgaris*), cowpeas (*Vigna unguiculata*) or lupin seeds (*Lupinus angustifolius*) by rats for up to 700 days: effects on body composition and organ weights. 17
- BUCHANAN-SMITH J.G. *see* DHANOA M.S., FRANCE J., SIDONS R.C., LOPEZ S. & BUCHANAN-SMITH J.G. A non-linear compartmental model to describe forage degradation kinetics during incubation in polyester bags in the rumen. 3
- BULÉON A. *see* FAISANT N., BULÉON A., COLONNA P., MOLIS C., LARTIGUE S., GALMICHE J.P. & CHAMP M. Digestion of raw banana starch in the small intestine of healthy humans: structural features of resistant starch. 111
- BURK R.F. *see* HUANG W., ÅKESSON B., SVENSSON B.G., SCHÜTZ A., BURK R.F. & SKERFVING S. Selenoprotein P and glutathione peroxidase (EC 1.11.1.9) in plasma as indices of selenium status in relation to the intake of fish. 455
- CALDER A.G. *see* LOBLEY G.E., CONNELL A., LOMAX M.A., BROWN D.S., MILNE E., CALDER A.G. & FARNINGHAM D.A.H. Hepatic detoxification of ammonia in the ovine liver: possible consequences for amino acid catabolism. 667
- CAMPBELL Doris M. *see* ANDERSON Annie S., CAMPBELL Doris M. & SHEPHERD Richard The influence of dietary advice on nutrient intake during pregnancy. 163
- CAMPOS M.S. *see* HARITTI S., BARRIONUEVO M., LÓPEZ-ALIAGA I., LISBONA F., PALLARÉS I., ALFÉREZ M.J.M., GÓMEZ-AYALA A.E. & CAMPOS M.S. Effects of intestinal resection, cholecalciferol and ascorbic acid on iron metabolism in rats. 871
- CARTER C.G. *see* PERERA W.M.K., CARTER C.G. & HOULIHAN D.F. Feed consumption, growth and growth efficiency of rainbow trout (*Oncorhynchus mykiss* (Walbaum)) fed on diets containing a bacterial single-cell protein. 591
- CASSIDY A. *see* BINGHAM S.A., CASSIDY A., COLE T.J., WELCH A., RUNSWICK S.A., BLACK A.E., THURNHAM D., BATES C., KHAW K.T., KEY T.J.A. & DAY N.E. Validation of weighed records and other methods of dietary assessment using the 24 h urine nitrogen technique and other biological markers. 531
- CASTRILLO C. *see* ORUE S.M. Martín, BALCELLS J., GUADA J.A. & CASTRILLO C. Endogenous purine and pyrimidine derivative excretion in pregnant sows. 375
- CHABANCE Beatrice, JOLLÈS Pierre, IZQUIERDO Carmen, MAZOYER Elisabeth, FRANCOUAL Christine, DROUET Ludovic & FIAT Anne-Marie Characterization of an antithrombotic peptide from κ -casein in newborn plasma after milk ingestion. 583
- CHADHA S. *see* TANEJA S.K., CHADHA S. & ARYA P. Lipid-zinc interaction: its effect on the testes of mice. 723
- CHAMP M. *see* FAISANT N., BULÉON A., COLONNA P., MOLIS C., LARTIGUE S., GALMICHE J.P. & CHAMP M. Digestion of raw banana starch in the small intestine of healthy humans: structural features of resistant starch. 111
- CHEN X.B. *see* LIU S.M., LOBLEY G.E., MACLEOD N.A., KYLE D.J., CHEN X.B. & ØRSKOV E.R. Effects of long-term protein excess or deficiency on whole-body protein turnover in sheep nourished by intragastric infusion of nutrients. 829
- COLE T.J. *see* BINGHAM S.A., CASSIDY A., COLE T.J., WELCH A., RUNSWICK S.A., BLACK A.E., THURNHAM D., BATES C., KHAW K.T., KEY T.J.A. & DAY N.E. Validation of weighed records and other methods of dietary assessment using the 24 h urine nitrogen technique and other biological markers. 531
- COLIN Raymond *see* COLOMB Virginie, PETIT Jean, MATHEIX-FORTUNET Héléne, HECKETSWEILER Bernadette, KAEFFER Nathalie, LEREBOURS Eric, COLIN Raymond & LEMELAND Jean-François Influence of antibiotics and food intake on liver glutathione and cytochrome P-450 in septic rats. 99
- COLOMB Virginie, PETIT Jean, MATHEIX-FORTUNET Héléne, HECKETSWEILER Bernadette, KAEFFER Nathalie, LEREBOURS Eric, COLIN Raymond & LEMELAND Jean-François Influence of antibiotics and food intake on liver glutathione and cytochrome P-450 in septic rats. 99
- COLONNA P. *see* FAISANT N., BULÉON A., COLONNA P., MOLIS C., LARTIGUE S., GALMICHE J.P. & CHAMP M. Digestion of raw banana starch in the small intestine of healthy humans: structural features of resistant starch. 111
- CONNELL A. *see* LOBLEY G.E., CONNELL A., LOMAX M.A., BROWN D.S., MILNE E., CALDER A.G. & FARNINGHAM D.A.H. Hepatic detoxification of ammonia in the ovine liver: possible consequences for amino acid catabolism. 667
- CORAZZA Gino R., BENATI Giuseppe, DI SARIO Antonio, TAROZZI Carlo, STROCCHI Alessandra, PASSERI Mario & GASBARRINI Giovanni Lactose intolerance and bone mass in postmenopausal Italian women. 479
- COUDRAY-LUCAS Colette *see* DE BANDT Jean Pascal, CYNOBER Luc, KYUNG LIM Soo, COUDRAY-LUCAS

- Colette, POUPON Raoul & GIBOUDEAU Jacqueline Metabolism of ornithine, α -ketoglutarate and arginine in isolated perfused rat liver. 227
- CYNOBER Luc *see* DE BANDT Jean Pascal, CYNOBER Luc, KYUNG LIM Soo, COUDRAY-LUCAS Colette, POUPON Raoul & GIBOUDEAU Jacqueline Metabolism of ornithine, α -ketoglutarate and arginine in isolated perfused rat liver. 227
- DAVIES David *see* ALFAHAM Mazin, WOODHEAD Stuart, PASK Gunilla & DAVIES David Vitamin D deficiency: a concern in pregnant Asian women. 881
- DAY N.E. *see* BINGHAM S.A., CASSIDY A., COLE T.J., WELCH A., RUNSWICK S.A., BLACK A.E., THURNHAM D., BATES C., KHAW K.T., KEY T.J.A. & DAY N.E. Validation of weighed records and other methods of dietary assessment using the 24 h urine nitrogen technique and other biological markers. 531
- DE BANDT Jean Pascal, CYNOBER Luc, KYUNG LIM Soo, COUDRAY-LUCAS Colette, POUPON Raoul & GIBOUDEAU Jacqueline Metabolism of ornithine, α -ketoglutarate and arginine in isolated perfused rat liver. 227
- DEB. HOVELL F.D. *see* ZHAO G.Y., ĐURIĆ M., MACLEOD N.A., ØRSKOV E.R., DEB. HOVELL F.D. & FENG Y.L. The use of intragastric nutrition to study saliva secretion and the relationship between rumen osmotic pressure and water transport. 155
- DE DECKERE Emile A.M., KLOOTS Willem J. & VAN AMELSVOORT Johan M.M. Both raw and retrograded starch decrease serum triacylglycerol concentration and fat accretion in the rat. 287
- DE JONG André E.P. *see* FOREMAN-VAN DRONGELEN Magritha M.H.P., HOUWELINGEN Adriana C.V., KESTER Arnold D.M., DE JONG André E.P., BLANCO Carlos E., HASAART Tom H.M. & HORNSTRA Gerard Long-chain polyene status of preterm infants with regard to the fatty acid composition of their diet: comparison between absolute and relative fatty acid levels in plasma and erythrocyte phospholipids. 405
- DEURENBERG Paul, TAGLIABUE Anna & SCHOUTEN Frans J.M. Multi-frequency impedance for the prediction of extracellular water and total body water. 349
- DEURENBERG Paul *see* HEINEN Marie-Louise A., DEURENBERG Paul, VAN AMELSVOORT Johan M.M. & BEYNEN Anton C. Replacement of digestible by resistant starch lowers diet-induced thermogenesis in healthy men. 423
- DHANO A M.S., FRANCE J., SIDONS R.C., LOPEZ S. & BUCHANAN-SMITH J.G. A non-linear compartmental model to describe forage degradation kinetics during incubation in polyester bags in the rumen. 3
- DI SARIO Antonio *see* CORAZZA Gino R., BENATI Giuseppe, DI SARIO Antonio, TAROZZI Carlo, STROCCHI Alessandra, PASSERI Mario & GASBARRINI Giovanni Lactose intolerance and bone mass in postmenopausal Italian women. 479
- DOLORES SUAREZ M. *see* BOZA Julio J., MARTÍNEZ-AUGUSTIN Olga, BARÓ Luis, DOLORES SUAREZ M. & GIL Angel Protein v. enzymic protein hydrolysates. Nitrogen utilization in starved rats. 65
- DONKERS Jeroen H.H.L.M. *see* WESTERTERP Klaas R., DONKERS Jeroen H.H.L.M., FREDRIX Elisabeth W.H.M. & BOEKHOUDT Piet Energy intake, physical activity and body weight: a simulation model. 337
- DORWARD Patricia M. *see* GRANT George, DORWARD Patricia M., BUCHAN Wendy C., ARMOUR Julia C. & PUSZTAI Arpad Consumption of diets containing raw soya beans (*Glycine max*), kidney beans (*Phaseolus vulgaris*), cowpeas (*Vigna unguiculata*) or lupin seeds (*Lupinus angustifolius*) by rats for up to 700 days: effects on body composition and organ weights. 17
- DROUET Ludovic *see* CHABANCE Beatrice, JOLLÈS Pierre, IZQUIERDO Carmen, MAZOYER Elisabeth, FRANCOUAL Christine, DROUET Ludovic & FIAT Anne-Marie Characterization of an antithrombotic peptide from κ -casein in newborn plasma after milk ingestion. 583
- DUGUID Tracey J. *see* BARDÓCZ Susan, DUGUID Tracey J., BROWN David S., GRANT George, PUSZTAI Arpad, WHITE Ann & RALPH Ann The importance of dietary polyamines in cell regeneration and growth. 819
- DULPHY J.P. *see* VAN OS M., DULPHY J.P. & BAUMONT R. The effect of protein degradation products in grass silages on feed intake and intake behaviour in sheep. 51
- DUNSHEA F.R. & KING R.H. Responses to homeostatic signals in ractopamine-treated pigs. 809
- DURAND D. *see* ORTIGUES Isabelle & DURAND D. Adaptation of energy metabolism to undernutrition in ewes. Contribution of portal-drained viscera, liver and hindquarters. 209
- ĐURIĆ M. *see* ZHAO G.Y., ĐURIĆ M., MACLEOD N.A., ØRSKOV E.R., DEB. HOVELL F.D. & FENG Y.L. The use of intragastric nutrition to study saliva secretion and the relationship between rumen osmotic pressure and water transport. 155
- EASTWOOD M.A. *see* EDWARDS C.A. & EASTWOOD M.A. Caecal and faecal short-chain fatty acids and stool output in rats fed on diets containing non-starch polysaccharides. 773

- EDWARDS C.A. *see* KLIPSTEIN-GROBUSCH K., REILLY J.J., POTTER J., EDWARDS C.A. & ROBERTS M.A. Energy intake and expenditure in elderly patients admitted to hospital with acute illness. 323
- EDWARDS C.A. & EASTWOOD M.A. Caecal and faecal short-chain fatty acids and stool output in rats fed on diets containing non-starch polysaccharides. 773
- EGGUM Bjørn O. *see* ZHAO Xinquan, JØRGENSEN Henry & EGGUM Bjørn O. The influence of dietary fibre on body composition, visceral organ weight, digestibility and energy balance in rats housed in different thermal environments. 687
- EGUCHI M. *see* KATO S., KARINO K.-I., HASEGAWA S., NAGASAWA J., NAGASAKI A., EGUCHI M., ICHINOSE T., TAGO K., OKUMORI H., HAMATANI K., TAKAHASHI M., OGASAWARA J., MASUSHIGE S. & HASEGAWA T. Octacosanol affects lipid metabolism in rats fed on a high-fat diet. 433
- EMMANS G.C. *see* KYRIAZAKIS I. & EMMANS G.C. The voluntary feed intake of pigs given feeds based on wheat bran, dried citrus pulp and grass meal, in relation to measurements of feed bulk. 191
- ENGLYST Hans N. *see* HUDSON Geoffrey J. & ENGLYST Hans N. Dietary intakes of starch and non-starch polysaccharides in a West African village. 655
- ESPARZA M. Luisa *see* ALFREDO MARTÍNEZ J., ESPARZA M. Luisa & LARRALDE Jesús Immunological changes in growing mice fed on diets containing casein or peas (*Pisum sativum* var. Belinda) as the source of protein. 87
- FADZLIN R. *see* FRENCH S.J., MURRAY B., RUMSEY R.D.E., FADZLIN R. & READ N.W. Adaptation to high-fat diets: effects on eating behaviour and plasma cholecystokinin. 179
- FAIRWEATHER-TAIT Susan J. *see* LEE Warren T.K., LEUNG Sophie S.F., XU Y.C., WANG S.H., ZENG W.P., LAU Joseph & FAIRWEATHER-TAIT Susan J. Effects of double-blind controlled calcium supplementation on calcium absorption in Chinese children measured with stable isotopes (^{42}Ca and ^{44}Ca). 311
- FAISANT N., BULÉON A., COLONNA P., MOLIS C., LARTIGUE S., GALMICHE J.P. & CHAMP M. Digestion of raw banana starch in the small intestine of healthy humans: structural features of resistant starch. 111
- FARNINGHAM D.A.H. *see* LOBLEY G.E., CONNELL A., LOMAX M.A., BROWN D.S., MILNE E., CALDER A.G. & FARNINGHAM D.A.H. Hepatic detoxification of ammonia in the ovine liver: possible consequences for amino acid catabolism. 667
- FARUQUE Md. Omar, KHAN Moududur Rahman, RAHMAN Md. Mostafizur & AHMED Faruk Relationship between smoking and antioxidant nutrient status. 625
- FENG Y.L. *see* ZHAO G.Y., ĐURIĆ M., MACLEOD N.A., ØRSKOV E.R., DEB. HOVELL F.D. & FENG Y.L. The use of intragastric nutrition to study saliva secretion and the relationship between rumen osmotic pressure and water transport. 155
- FIAT Anne-Marie *see* CHABANCE Beatrice, JOLLÈS Pierre, IZQUIERDO Carmen, MAZOYER Elisabeth, FRANCOUAL Christine, DROUET Ludovic & FIAT Anne-Marie Characterization of an antithrombotic peptide from κ -casein in newborn plasma after milk ingestion. 583
- FOREMAN-VAN DRONGELEN Magritha M.H.P., HOUWELINGEN Adriana C.V., KESTER Arnold D.M., DE JONG André E.P., BLANCO Carlos E., HASAART Tom H.M. & HORNSTRA Gerard Long-chain polyene status of preterm infants with regard to the fatty acid composition of their diet: comparison between absolute and relative fatty acid levels in plasma and erythrocyte phospholipids. 405
- FRANCE J. *see* DHANOA M.S., FRANCE J., SIDONS R.C., LOPEZ S. & BUCHANAN-SMITH J.G. A non-linear compartmental model to describe forage degradation kinetics during incubation in polyester bags in the rumen. 3
- FRANCOUAL Christine *see* CHABANCE Beatrice, JOLLÈS Pierre, IZQUIERDO Carmen, MAZOYER Elisabeth, FRANCOUAL Christine, DROUET Ludovic & FIAT Anne-Marie Characterization of an antithrombotic peptide from κ -casein in newborn plasma after milk ingestion. 583
- FRAPE D.L. & JONES A.M. Chronic and postprandial responses of plasma insulin, glucose and lipids in volunteers given dietary fibre supplements. 733
- FREDRIX Elisabeth W.H.M. *see* WESTERTERP Klaas R., DONKERS Jeroen H.H.L.M., FREDRIX Elisabeth W.H.M. & BOEKHOUDT Piet Energy intake, physical activity and body weight: a simulation model. 337
- FRENCH S.J., MURRAY B., RUMSEY R.D.E., FADZLIN R. & READ N.W. Adaptation to high-fat diets: effects on eating behaviour and plasma cholecystokinin. 179
- FUJIMOTO-SAKATA Shigeko *see* TAMAKI Nanaya, FUJIMOTO-SAKATA Shigeko, KIKUGAWA Mariko, KANEKO Masae, ONOSAKA Satomi & TAKAGI Tatsuya Analysis of cyclic feed intake in rats fed on a zinc-deficient diet and the level of dihydropyrimidinase (*EC* 3.5.2.2). 711
- FUKUSHIMA Michihiro & NAKANO Masuo The effect of a probiotic on faecal and liver lipid classes in rats. 701
- FULCHER Robert *see* MAISEY Susan, LOUGHRIDGE Julie, SOUTHON Susan & FULCHER Robert Variation in food group and nutrient intake with day of the week in an elderly population. 359

- GAINS Nigel *see* ISLER Dorothea, MOEGLN Christine, GAINS Nigel & MEIER Marcel K. Effect of the lipase inhibitor orlistat and of dietary lipid on the absorption of radiolabelled triolein, tri- γ -linolenin and tripalmitin in mice. 851
- GALMICHE J.P. *see* FAISANT N., BULÉON A., COLONNA P., MOLIS C., LARTIGUE S., GALMICHE J.P. & CHAMP M. Digestion of raw banana starch in the small intestine of healthy humans: structural features of resistant starch. 111
- GASBARRINI Giovanni *see* CORAZZA Gino R., BENATI Giuseppe, DI SARIO Antonio, TAROZZI Carlo, STROCCHI Alessandra, PASSERI Mario & GASBARRINI Giovanni Lactose intolerance and bone mass in postmenopausal Italian women. 479
- GAUTRON J. *see* GUINOTTE F., GAUTRON J., NYS Y. & SOUMARMON A. Calcium solubilization and retention in the gastrointestinal tract in chicks (*Gallus domesticus*) as a function of gastric acid secretion inhibition and of calcium carbonate particle size. 125
- GIBOUDEAU Jacqueline *see* DE BANDT Jean Pascal, CYNOBER Luc, KYUNG LIM Soo, COUDRAY-LUCAS Colette, POUPON Raoul & GIBOUDEAU Jacqueline Metabolism of ornithine, α -ketoglutarate and arginine in isolated perfused rat liver. 227
- GIL Angel *see* BOZA Julio J., MARTÍNEZ-AUGUSTIN Olga, BARÓ Luis, DOLORES SUAREZ M. & GIL Angel Protein v. enzymic protein hydrolysates. Nitrogen utilization in starved rats. 65
- GÓMEZ-AYALA A.E. *see* HARTITI S., BARRIONUEVO M., LÓPEZ-ALIAGA I., LISBONA F., PALLARÉS I., ALFÉREZ M.J.M., GÓMEZ-AYALA A.E. & CAMPOS M.S. Effects of intestinal resection, cholecalciferol and ascorbic acid on iron metabolism in rats. 871
- GRANT George, DORWARD Patricia M., BUCHAN Wendy C., ARMOUR Julia C. & PUSZTAI Arpad Consumption of diets containing raw soya beans (*Glycine max*), kidney beans (*Phaseolus vulgaris*), cowpeas (*Vigna unguiculata*) or lupin seeds (*Lupinus angustifolius*) by rats for up to 700 days: effects on body composition and organ weights. 17
- GRANT George *see* BARDÓCZ Susan, DUGUID Tracey J., BROWN David S., GRANT George, PUSZTAI Arpad, WHITE Ann & RALPH Ann The importance of dietary polyamines in cell regeneration and growth. 819
- GROOTEN H.N.A. *see* WEJIS P.J.M., SCHREURS V.V.A.M. & GROOTEN H.N.A. Meal feeding and leucine utilization in pregnant rats. 253
- GUADA J.A. *see* ORUE S.M. Martin, BALCELLS J., GUADA J.A. & CASTRILLO C. Endogenous purine and pyrimidine derivative excretion in pregnant sows. 375
- GUINOTTE F., GAUTRON J., NYS Y. & SOUMARMON A. Calcium solubilization and retention in the gastrointestinal tract in chicks (*Gallus domesticus*) as a function of gastric acid secretion inhibition and of calcium carbonate particle size. 125
- HAMATANI K. *see* KATO S., KARINO K.-I., HASEGAWA S., NAGASAWA J., NAGASAKI A., EGUCHI M., ICHINOSE T., TAGO K., OKUMORI H., HAMATANI K., TAKAHASHI M., OGASAWARA J., MASUSHIGE S. & HASEGAWA T. Octacosonal affects lipid metabolism in rats fed on a high-fat diet. 433
- HANSEN Harald S. *see* OLSEN Sjúrdur F., HANSEN Harald S., SANDSTRÖM Brittmari & JENSEN Benny Erythrocyte levels compared with reported dietary intake of marine *n*-3 fatty acids in pregnant women. 387
- HANSEN Harald S. *see* OLSEN Sjúrdur F., HANSEN Harald S., SECHER Niels J., JENSEN Benny & SANDSTRÖM Brittmari Gestation length and birth weight in relation to intake of marine *n*-3 fatty acids. 397
- HARMON D.L. *see* KREIKEMEIER K.K. & HARMON D.L. Abomasal glucose, maize starch and maize dextrin infusions in cattle: small-intestinal disappearance, net portal glucose flux and ileal oligosaccharide flow. 763
- HARTITI S., BARRIONUEVO M., LÓPEZ-ALIAGA I., LISBONA F., PALLARÉS I., ALFÉREZ M.J.M., GÓMEZ-AYALA A.E. & CAMPOS M.S. Effects of intestinal resection, cholecalciferol and ascorbic acid on iron metabolism in rats. 871
- HARTMANN P.E. *see* BIRD P.H., ATWOOD C.S. & HARTMANN P.E. The responses of blood galactose to oral doses of lactose, galactose plus glucose and milk to piglets. 753
- HASAART Tom H.M. *see* FOREMAN-VAN DRONGELEN Magritha M.H.P., HOUWELINGEN Adriana C.V., KESTER Arnold D.M., DE JONG André E.P., BLANCO Carlos E., HASAART Tom H.M. & HORNSTRA Gerard Long-chain polyene status of preterm infants with regard to the fatty acid composition of their diet: comparison between absolute and relative fatty acid levels in plasma and erythrocyte phospholipids. 405
- HASEGAWA S. *see* KATO S., KARINO K.-I., HASEGAWA S., NAGASAWA J., NAGASAKI A., EGUCHI M., ICHINOSE T., TAGO K., OKUMORI H., HAMATANI K., TAKAHASHI M., OGASAWARA J., MASUSHIGE S. & HASEGAWA T. Octacosonal affects lipid metabolism in rats fed on a high-fat diet. 433
- HASEGAWA T. *see* KATO S., KARINO K.-I., HASEGAWA S., NAGASAWA J., NAGASAKI A., EGUCHI M., ICHINOSE T., TAGO K., OKUMORI H., HAMATANI K., TAKAHASHI M., OGASAWARA J., MASUSHIGE S. & HASEGAWA T. Octacosonal affects lipid metabolism in rats fed on a high-fat diet. 433

- HECKETSWEILER Bernadette *see* COLOMB Virginie, PETIT Jean, MATHEIX-FORTUNET Hélène, HECKETSWEILER Bernadette, KAEFFER Nathalie, LEREBOURS Eric, COLIN Raymond & LEMELAND Jean-François Influence of antibiotics and food intake on liver glutathione and cytochrome P-450 in septic rats. 99
- HEIJNEN Marie-Louise A., DEURENBERG Paul, VAN AMELSVOORT Johan M.M. & BEYNEN Anton C. Replacement of digestible by resistant starch lowers diet-induced thermogenesis in healthy men. 423
- HESSE Albrecht *see* SIENER Roswitha & HESSE Albrecht Influence of a mixed and a vegetarian diet on urinary magnesium excretion and concentration. 783
- HOLDER Roger L. *see* NEVILL Alan M. & HOLDER Roger L. Body mass index: a measure of fatness or leanness? 507
- HORNSTRA Gerard *see* FOREMAN-VAN DRONGELEN Magritha M.H.P., HOUWELINGEN Adriana C.V., KESTER Arnold D.M., DE JONG André E.P., BLANCO Carlos E., HASAART Tom H.M. & HORNSTRA Gerard Long-chain polyene status of preterm infants with regard to the fatty acid composition of their diet: comparison between absolute and relative fatty acid levels in plasma and erythrocyte phospholipids. 405
- HORNSTRA Gerard *see* MENSINK Ronald P. & HORNSTRA Gerard The proportion of *trans* mono-unsaturated fatty acids in serum triacylglycerols or platelet phospholipids as an objective indicator of their short-term intake in healthy men. 605
- HOULIHAN D.F. *see* PERERA W.M.K., CARTER C.G. & HOULIHAN D.F. Feed consumption, growth and growth efficiency of rainbow trout (*Oncorhynchus mykiss* (Walbaum)) fed on diets containing a bacterial single-cell protein. 591
- HOUWELINGEN Adriana C.V. *see* FOREMAN-VAN DRONGELEN Magritha M.H.P., HOUWELINGEN Adriana C.V., KESTER Arnold D.M., DE JONG André E.P., BLANCO Carlos E., HASAART Tom H.M. & HORNSTRA Gerard Long-chain polyene status of preterm infants with regard to the fatty acid composition of their diet: comparison between absolute and relative fatty acid levels in plasma and erythrocyte phospholipids. 405
- HUANG W., ÅKESSON B., SVENSSON B.G., SCHÜTZ A., BURK R.F. & SKERFVING S. Selenoprotein P and glutathione peroxidase (EC 1.11.1.9) in plasma as indices of selenium status in relation to the intake of fish. 455
- HUDSON Geoffrey J. Food intake in a West African village. Estimation of food intake from a shared bowl. 551
- HUDSON Geoffrey J. & ENGLYST Hans N. Dietary intakes of starch and non-starch polysaccharides in a West African village. 655
- ICHINOSE T. *see* KATO S., KARINO K.-I., HASEGAWA S., NAGASAWA J., NAGASAKI A., EGUCHI M., ICHINOSE T., TAGO K., OKUMORI H., HAMATANI K., TAKAHASHI M., OGASAWARA J., MASUSHIGE S. & HASEGAWA T. Octacosanol affects lipid metabolism in rats fed on a high-fat diet. 433
- ISLER Dorothea, MOEGLIN Christine, GAINS Nigel & MEIER Marcel K. Effect of the lipase inhibitor orlistat and of dietary lipid on the absorption of radiolabelled triolein, tri- γ -linolenin and tripalmitin in mice. 851
- IZQUIERDO Carmen *see* CHABANCE Beatrice, JOLLÈS Pierre, IZQUIERDO Carmen, MAZOYER Elisabeth, FRANCOUAL Christine, DROUET Ludovic & FIAT Anne-Marie Characterization of an antithrombotic peptide from κ -casein in newborn plasma after milk ingestion. 583
- JANSMAN A.J.M. *see* VAN LEEUWEN P., JANSMAN A.J.M., WIEBENGA J., KONINKX J.F.J.G. & MOUWEN J.M.V.M. Dietary effects of faba-bean (*Vicia faba* L.) tannins on the morphology and function of the small-intestinal mucosa of weaned pigs. 31
- JENSEN Benny *see* OLSEN Sjúrdur F., HANSEN Harald S., SANDSTRÖM Brittmarie & JENSEN Benny Erythrocyte levels compared with reported dietary intake of marine *n*-3 fatty acids in pregnant women. 387
- JENSEN Benny *see* OLSEN Sjúrdur F., HANSEN Harald S., SECHER Niels J., JENSEN Benny & SANDSTRÖM Brittmarie Gestation length and birth weight in relation to intake of marine *n*-3 fatty acids. 397
- JOLLÈS Pierre *see* CHABANCE Beatrice, JOLLÈS Pierre, IZQUIERDO Carmen, MAZOYER Elisabeth, FRANCOUAL Christine, DROUET Ludovic & FIAT Anne-Marie Characterization of an antithrombotic peptide from κ -casein in newborn plasma after milk ingestion. 583
- JONES A.M. *see* FRAPE D.L. & JONES A.M. Chronic and postprandial responses of plasma insulin, glucose and lipids in volunteers given dietary fibre supplements. 733
- JØRGENSEN Henry *see* ZHAO Xinquan, JØRGENSEN Henry & EGGUM Bjørn O. The influence of dietary fibre on body composition, visceral organ weight, digestibility and energy balance in rats housed in different thermal environments. 687
- KAEFFER Nathalie *see* COLOMB Virginie, PETIT Jean, MATHEIX-FORTUNET Hélène, HECKETSWEILER Bernadette, KAEFFER Nathalie, LEREBOURS Eric, COLIN Raymond & LEMELAND Jean-François Influence of antibiotics and food intake on liver glutathione and cytochrome P-450 in septic rats. 99

- KANEKO Masae *see* TAMAKI Nanaya, FUJIMOTO-SAKATA Shigeko, KIKUGAWA Mariko, KANEKO Masae, ONOSAKA Satomi & TAKAGI Tatsuya Analysis of cyclic feed intake in rats fed on a zinc-deficient diet and the level of dihydropyrimidinase (*EC* 3.5.2.2). 711
- KARINO K.-I. *see* KATO S., KARINO K.-I., HASEGAWA S., NAGASAWA J., NAGASAKI A., EGUCHI M., ICHINOSE T., TAGO K., OKUMORI H., HAMATANI K., TAKAHASHI M., OGASAWARA J., MASUSHIGE S. & HASEGAWA T. Octacosonal affects lipid metabolism in rats fed on a high-fat diet. 433
- KATO S., KARINO K.-I., HASEGAWA S., NAGASAWA J., NAGASAKI A., EGUCHI M., ICHINOSE T., TAGO K., OKUMORI H., HAMATANI K., TAKAHASHI M., OGASAWARA J., MASUSHIGE S. & HASEGAWA T. Octacosonal affects lipid metabolism in rats fed on a high-fat diet. 433
- KEDAR O. *see* SKLAN D., TRIFON S., KEDAR O., VAISMAN N. & BERNER Y. Retinoid metabolism in human leucocytes. 889
- KESTER Arnold D.M. *see* FOREMAN-VAN DRONGELEN Magritha M.H.P., HOUWELINGEN Adriana C.V., KESTER Arnold D.M., DE JONG André E.P., BLANCO Carlos E., HASAART Tom H.M. & HORNSTRA Gerard Long-chain polyene status of preterm infants with regard to the fatty acid composition of their diet: comparison between absolute and relative fatty acid levels in plasma and erythrocyte phospholipids. 405
- KETOJA Elise *see* VANHATALO Aila & KETOJA Elise The role of the large intestine in post-ruminal digestion of feeds as measured by the mobile-bag method in cattle. 491
- KEY T.J.A. *see* BINGHAM S.A., CASSIDY A., COLE T.J., WELCH A., RUNSWICK S.A., BLACK A.E., THURNHAM D., BATES C., KHAW K.T., KEY T.J.A. & DAY N.E. Validation of weighed records and other methods of dietary assessment using the 24 h urine nitrogen technique and other biological markers. 531
- KHAN Moududur Rahman *see* FARUQUE Md.Omar, KHAN Moududur Rahman, RAHMAN Md.Mostafizur & AHMED Faruk Relationship between smoking and antioxidant nutrient status. 625
- KHAW K.T. *see* BINGHAM S.A., CASSIDY A., COLE T.J., WELCH A., RUNSWICK S.A., BLACK A.E., THURNHAM D., BATES C., KHAW K.T., KEY T.J.A. & DAY N.E. Validation of weighed records and other methods of dietary assessment using the 24 h urine nitrogen technique and other biological markers. 531
- KIKUGAWA Mariko *see* TAMAKI Nanaya, FUJIMOTO-SAKATA Shigeko, KIKUGAWA Mariko, KANEKO Masae, ONOSAKA Satomi & TAKAGI Tatsuya Analysis of cyclic feed intake in rats fed on a zinc-deficient diet and the level of dihydropyrimidinase (*EC* 3.5.2.2). 711
- KING R.H. *see* DUNSHEA F.R. & KING R.H. Responses to homeostatic signals in ractopamine-treated pigs. 809
- KLIPSTEIN-GROBUSCH K., REILLY J.J., POTTER J., EDWARDS C.A. & ROBERTS M.A. Energy intake and expenditure in elderly patients admitted to hospital with acute illness. 323
- KLOOTS Willem J. *see* DE DECKERE Emile A.M., KLOOTS Willem J. & VAN AMELSVOORT Johan M.M. Both raw and retrograded starch decrease serum triacylglycerol concentration and fat accretion in the rat. 287
- KONINKX J.F.J.G. *see* VAN LEEUWEN P., JANSMAN A.J.M., WIEBENGA J., KONINKX J.F.J.G. & MOUWEN J.M.V.M. Dietary effects of faba-bean (*Vicia faba* L.) tannins on the morphology and function of the small-intestinal mucosa of weaned pigs. 31
- KREIKEMEIER K.K. & HARMON D.L. Abomasal glucose, maize starch and maize dextrin infusions in cattle: small-intestinal disappearance, net portal glucose flux and ileal oligosaccharide flow. 763
- KUWATA T. *see* TSUCHITA H. & KUWATA T. Trace lipid from whey-mineral complex enhances calcium availability in young ovariectomized rats. 299
- KYLE D.J. *see* LIU S.M., LOBLEY G.E., MACLEOD N.A., KYLE D.J., CHEN X.B. & ØRSKOV E.R. Effects of long-term protein excess or deficiency on whole-body protein turnover in sheep nourished by intragastric infusion of nutrients. 829
- KYRIAZAKIS I. & EMMANS G.C. The voluntary feed intake of pigs given feeds based on wheat bran, dried citrus pulp and grass meal, in relation to measurements of feed bulk. 191
- KYUNG LIM Soo *see* DE BANDT Jean Pascal, CYNOBER Luc, KYUNG LIM Soo, COUDRAY-LUCAS Colette, POUPON Raoul & GIBOUDEAU Jacqueline Metabolism of ornithine, α -ketoglutarate and arginine in isolated perfused rat liver. 227
- LARRALDE Jesús *see* ALFREDO MARTÍNEZ J., ESPARZA M. Luisa & LARRALDE Jesús Immunological changes in growing mice fed on diets containing casein or peas (*Pisum sativum* var. Belinda) as the source of protein. 87
- LARTIGUE S. *see* FAISANT N., BULÉON A., COLONNA P., MOLIS C., LARTIGUE S., GALMICHE J.P. & CHAMP M. Digestion of raw banana starch in the small intestine of healthy humans: structural features of resistant starch. 111
- LAU Joseph *see* LEE Warren T.K., LEUNG Sophie S.F., XU Y.C., WANG S.H., ZENG W.P., LAU Joseph &

- FAIRWEATHER-TAIT Susan J. Effects of double-blind controlled calcium supplementation on calcium absorption in Chinese children measured with stable isotopes (^{42}Ca and ^{44}Ca). 311
- LAWLOR Susan M. & O'BRIEN Nora M. Modulation of oxidative stress by β -carotene in chicken embryo fibroblasts. 841
- LEE Warren T.K., LEUNG Sophie S.F., XU Y.C., WANG S.H., ZENG W.P., LAU Joseph & FAIRWEATHER-TAIT Susan J. Effects of double-blind controlled calcium supplementation on calcium absorption in Chinese children measured with stable isotopes (^{42}Ca and ^{44}Ca). 311
- LEMELAND Jean-François *see* COLOMB Virginie, PETIT Jean, MATHEIX-FORTUNET Hélène, HECKETSWEILER Bernadette, KAEFFER Nathalie, LEREBOURS Eric, COLIN Raymond & LEMELAND Jean-François Influence of antibiotics and food intake on liver glutathione and cytochrome P-450 in septic rats. 99
- LEREBOURS Eric *see* COLOMB Virginie, PETIT Jean, MATHEIX-FORTUNET Hélène, HECKETSWEILER Bernadette, KAEFFER Nathalie, LEREBOURS Eric, COLIN Raymond & LEMELAND Jean-François Influence of antibiotics and food intake on liver glutathione and cytochrome P-450 in septic rats. 99
- LEUNG Sophie S.F. *see* LEE Warren T.K., LEUNG Sophie S.F., XU Y.C., WANG S.H., ZENG W.P., LAU Joseph & FAIRWEATHER-TAIT Susan J. Effects of double-blind controlled calcium supplementation on calcium absorption in Chinese children measured with stable isotopes (^{42}Ca and ^{44}Ca). 311
- LISBONA F. *see* HARTITI S., BARRIONUEVO M., LÓPEZ-ALIAGA I., LISBONA F., PALLARÉS I., ALFÉREZ M.J.M., GÓMEZ-AYALA A.E. & CAMPOS M.S. Effects of intestinal resection, cholecalciferol and ascorbic acid on iron metabolism in rats. 871
- LIU S.M., LOBLEY G.E., MACLEOD N.A., KYLE D.J., CHEN X.B. & ØRSKOV E.R. Effects of long-term protein excess or deficiency on whole-body protein turnover in sheep nourished by intragastric infusion of nutrients. 829
- LOBLEY G.E., CONNELL A., LOMAX M.A., BROWN D.S., MILNE E., CALDER A.G. & FARNINGHAM D.A.H. Hepatic detoxification of ammonia in the ovine liver: possible consequences for amino acid catabolism. 667
- LOBLEY G.E. *see* LIU S.M., LOBLEY G.E., MACLEOD N.A., KYLE D.J., CHEN X.B. & ØRSKOV E.R. Effects of long-term protein excess or deficiency on whole-body protein turnover in sheep nourished by intragastric infusion of nutrients. 829
- LOMAX M.A. *see* LOBLEY G.E., CONNELL A., LOMAX M.A., BROWN D.S., MILNE E., CALDER A.G. & FARNINGHAM D.A.H. Hepatic detoxification of ammonia in the ovine liver: possible consequences for amino acid catabolism. 667
- LOPEZ S. *see* DHANOA M.S., FRANCE J., SIDONS R.C., LOPEZ S. & BUCHANAN-SMITH J.G. A non-linear compartmental model to describe forage degradation kinetics during incubation in polyester bags in the rumen. 3
- LÓPEZ-ALIAGA I. *see* HARTITI S., BARRIONUEVO M., LÓPEZ-ALIAGA I., LISBONA F., PALLARÉS I., ALFÉREZ M.J.M., GÓMEZ-AYALA A.E. & CAMPOS M.S. Effects of intestinal resection, cholecalciferol and ascorbic acid on iron metabolism in rats. 871
- LOUGHRIDGE Julie *see* MAISEY Susan, LOUGHRIDGE Julie, SOUTHON Susan & FULCHER Robert Variation in food group and nutrient intake with day of the week in an elderly population. 359
- LOUISOT Pierre *see* RAMBAL Corinne, PACHIAUDI Christiane, NORMAND Sylvie, RIOU Jean-Paul, LOUISOT Pierre & MARTIN Ambroise Effects of specific dietary sugars on the incorporation of ^{14}C label from dietary glucose into neutral sugars of rat intestine and serum glycoproteins. 443
- LUO Jing *see* BOILLOT Josette, ALAMOWITCH Catherine, BERGER Anne-Marie, LUO Jing, BRUZZO Françoise, BORNET Francis R.J. & SLAMA Gerard Effects of dietary propionate on hepatic glucose production, whole-body glucose utilization, carbohydrate and lipid metabolism in normal rats. 241
- MACLEOD N.A. *see* ZHAO G.Y., ĐURIĆ M., MACLEOD N.A., ØRSKOV E.R., DEB. HOVELL F.D. & FENG Y.L. The use of intragastric nutrition to study saliva secretion and the relationship between rumen osmotic pressure and water transport. 155
- MACLEOD N.A. *see* LIU S.M., LOBLEY G.E., MACLEOD N.A., KYLE D.J., CHEN X.B. & ØRSKOV E.R. Effects of long-term protein excess or deficiency on whole-body protein turnover in sheep nourished by intragastric infusion of nutrients. 829
- MAISEY Susan, LOUGHRIDGE Julie, SOUTHON Susan & FULCHER Robert Variation in food group and nutrient intake with day of the week in an elderly population. 359
- MAKKAR H.P.S., BLÜMMEL M. & BECKER K. Formation of complexes between polyvinyl pyrrolidones or polyethylene glycols and tannins, and their implication in gas production and true digestibility in *in vitro* techniques. 897
- MAROUNEK M., VOVK S.J. & SKŘIVANOVÁ V. Distribution of activity of hydrolytic enzymes in the digestive tract of rabbits. 463

- MARTIN Ambroise *see* RAMBAL Corinne, PACHIAUDI Christiane, NORMAND Sylvie, RIOU Jean-Paul, LOUISOT Pierre & MARTIN Ambroise Effects of specific dietary sugars on the incorporation of ^{13}C label from dietary glucose into neutral sugars of rat intestine and serum glycoproteins. 443
- MARTÍNEZ-AUGUSTIN Olga *see* BOZA Julio J., MARTÍNEZ-AUGUSTIN Olga, BARÓ Luis, DOLORES SUAREZ M. & GIL Angel Protein *v.* enzymic protein hydrolysates. Nitrogen utilization in starved rats. 65
- MASUSHIGE S. *see* KATO S., KARINO K.-I., HASEGAWA S., NAGASAWA J., NAGASAKI A., EGUCHI M., ICHINOSE T., TAGO K., OKUMORI H., HAMATANI K., TAKAHASHI M., OGASAWARA J., MASUSHIGE S. & HASEGAWA T. Octacosonal affects lipid metabolism in rats fed on a high-fat diet. 433
- MATHEIX-FORTUNET Hélène *see* COLOMB Virginie, PETIT Jean, MATHEIX-FORTUNET Hélène, HECKETSWEILER Bernadette, KAEFFER Nathalie, LEREBOURS Eric, COLIN Raymond & LEMELAND Jean-François Influence of antibiotics and food intake on liver glutathione and cytochrome P-450 in septic rats. 99
- MAZOYER Elisabeth *see* CHABANCE Beatrice, JOLLÈS Pierre, IZQUIERDO Carmen, MAZOYER Elisabeth, FRANCOUAL Christine, DROUET Ludovic & FIAT Anne-Marie Characterization of an antithrombotic peptide from κ -casein in newborn plasma after milk ingestion. 583
- MEIER Marcel K. *see* ISLER Dorothea, MOEGLÉN Christine, GAINS Nigel & MEIER Marcel K. Effect of the lipase inhibitor orlistat and of dietary lipid on the absorption of radiolabelled triolein, tri- γ -linolenin and tripalmitin in mice. 851
- MENSINK Ronald P. & HORNSTRA Gerard The proportion of *trans* monounsaturated fatty acids in serum triacylglycerols or platelet phospholipids as an objective indicator of their short-term intake in healthy men. 605
- MILNE E. *see* LOBLEY G.E., CONNELL A., LOMAX M.A., BROWN D.S., MILNE E., CALDER A.G. & FARNINGHAM D.A.H. Hepatic detoxification of ammonia in the ovine liver: possible consequences for amino acid catabolism. 667
- MITCHELL A.D. *see* ROSEBROUGH R.W. & MITCHELL A.D. Protein and energy relationships in the broiler chicken 12. Dietary protein and triiodothyronine (T_3) effects on the response of broilers to isoproterenol and cyclic adenosine monophosphate *in vitro*. 73
- MOEGLÉN Christine *see* ISLER Dorothea, MOEGLÉN Christine, GAINS Nigel & MEIER Marcel K. Effect of the lipase inhibitor orlistat and of dietary lipid on the absorption of radiolabelled triolein, tri- γ -linolenin and tripalmitin in mice. 851
- MOLIS C. *see* FAISANT N., BULÉON A., COLONNA P., MOLIS C., LARTIGUE S., GALMICHE J.P. & CHAMP M. Digestion of raw banana starch in the small intestine of healthy humans: structural features of resistant starch. 111
- MOUWEN J.M.V.M. *see* VAN LEEUWEN P., JANSMAN A.J.M., WIEBENGA J., KONINKX J.F.J.G. & MOUWEN J.M.V.M. Dietary effects of faba-bean (*Vicia faba* L.) tannins on the morphology and function of the small-intestinal mucosa of weaned pigs. 31
- MURRAY B. *see* FRENCH S.J., MURRAY B., RUMSEY R.D.E., FADZLIN R. & READ N.W. Adaptation to high-fat diets: effects on eating behaviour and plasma cholecystokinin. 179
- NAGASAKI A. *see* KATO S., KARINO K.-I., HASEGAWA S., NAGASAWA J., NAGASAKI A., EGUCHI M., ICHINOSE T., TAGO K., OKUMORI H., HAMATANI K., TAKAHASHI M., OGASAWARA J., MASUSHIGE S. & HASEGAWA T. Octacosonal affects lipid metabolism in rats fed on a high-fat diet. 433
- NAGASAWA J. *see* KATO S., KARINO K.-I., HASEGAWA S., NAGASAWA J., NAGASAKI A., EGUCHI M., ICHINOSE T., TAGO K., OKUMORI H., HAMATANI K., TAKAHASHI M., OGASAWARA J., MASUSHIGE S. & HASEGAWA T. Octacosonal affects lipid metabolism in rats fed on a high-fat diet. 433
- NAKANO Masuo *see* FUKUSHIMA Michihiro & NAKANO Masuo The effect of a probiotic on faecal and liver lipid classes in rats. 701
- NEVILL Alan M. & HOLDER Roger L. Body mass index: a measure of fatness or leanness? 507
- NORMAND Sylvie *see* RAMBAL Corinne, PACHIAUDI Christiane, NORMAND Sylvie, RIOU Jean-Paul, LOUISOT Pierre & MARTIN Ambroise Effects of specific dietary sugars on the incorporation of ^{13}C label from dietary glucose into neutral sugars of rat intestine and serum glycoproteins. 443
- NORTON B.W. *see* VAN BARNEVELD R.J., BATTERHAM E.S., SKINGLE D.C. & NORTON B.W. The effect of heat on amino acids for growing pigs. 4. Nitrogen balance and urine, serum and plasma composition of growing pigs fed on raw or heat-treated field peas (*Pisum sativum*). 259
- NYS Y. *see* GUINOTTE F., GAUTRON J., NYS Y. & SOUMARMON A. Calcium solubilization and retention in the gastrointestinal tract in chicks (*Gallus domesticus*) as a function of gastric acid secretion inhibition and of calcium carbonate particle size. 125
- O'BRIEN Nora M. *see* LAWLOR Susan M. & O'BRIEN Nora M. Modulation of oxidative stress by β -carotene in chicken embryo fibroblasts. 841
- OGASAWARA J. *see* KATO S., KARINO K.-I., HASEGAWA S., NAGASAWA J., NAGASAKI A., EGUCHI M.,

- ICHINOSE T., TAGO K., OKUMORI H., HAMATANI K., TAKAHASHI M., OGASAWARA J., MASUSHIGE S. & HASEGAWA T. Octacosonal affects lipid metabolism in rats fed on a high-fat diet. 433
- OKUMORI H. *see* KATO S., KARINO K.-I., HASEGAWA S., NAGASAWA J., NAGASAKI A., EGUCHI M., ICHINOSE T., TAGO K., OKUMORI H., HAMATANI K., TAKAHASHI M., OGASAWARA J., MASUSHIGE S. & HASEGAWA T. Octacosonal affects lipid metabolism in rats fed on a high-fat diet. 433
- OLSEN Sjúrdur F., HANSEN Harald S., SANDSTRÖM Brittmarie & JENSEN Benny Erythrocyte levels compared with reported dietary intake of marine *n*-3 fatty acids in pregnant women. 387
- OLSEN Sjúrdur F., HANSEN Harald S., SECHER Niels J., JENSEN Benny & SANDSTRÖM Brittmarie Gestation length and birth weight in relation to intake of marine *n*-3 fatty acids. 397
- ÖNNING G. & ASP N.-G. Effect of oat saponins on plasma and liver lipids in gerbils (*Meriones unguiculatus*) and rats. 275
- ONOSAKA Satomi *see* TAMAKI Nanaya, FUJIMOTO-SAKATA Shigeko, KIKUGAWA Mariko, KANEKO Masae, ONOSAKA Satomi & TAKAGI Tatsuya Analysis of cyclic feed intake in rats fed on a zinc-deficient diet and the level of dihydropyrimidinase (*EC* 3.5.2.2). 711
- ØRSKOV E.R. *see* ZHAO G.Y., ĐURIĆ M., MACLEOD N.A., ØRSKOV E.R., DEB. HOVELL F.D. & FENG Y.L. The use of intragastric nutrition to study saliva secretion and the relationship between rumen osmotic pressure and water transport. 155
- ØRSKOV E.R. *see* LIU S.M., LOBLEY G.E., MACLEOD N.A., KYLE D.J., CHEN X.B. & ØRSKOV E.R. Effects of long-term protein excess or deficiency on whole-body protein turnover in sheep nourished by intragastric infusion of nutrients. 829
- ORTIGUES Isabelle & DURAND D. Adaptation of energy metabolism to undernutrition in ewes. Contribution of portal-drained viscera, liver and hindquarters. 209
- ORUE S.M. Martin, BALCELLS J., GUADA J.A. & CASTRILLO C. Endogenous purine and pyrimidine derivative excretion in pregnant sows. 375
- PÁCHA J. & POHLOVÁ I. Relationship between dietary Na⁺ intake, aldosterone and colonic amiloride-sensitive Na⁺ transport. 633
- PACHIAUDI Christiane *see* RAMBAL Corinne, PACHIAUDI Christiane, NORMAND Sylvie, RIOU Jean-Paul, LOUISOT Pierre & MARTIN Ambroise Effects of specific dietary sugars on the incorporation of ¹³C label from dietary glucose into neutral sugars of rat intestine and serum glycoproteins. 443
- PALLARÉS I. *see* HARITTI S., BARRIONUEVO M., LÓPEZ-ALAGA I., LISBONA F., PALLARÉS I., ALFÉREZ M.J.M., GÓMEZ-AYALA A.E. & CAMPOS M.S. Effects of intestinal resection, cholecalciferol and ascorbic acid on iron metabolism in rats. 871
- PANG Edna *see* BRAND MILLER Janette, PANG Edna & BROOMHEAD Louise The glycaemic index of foods containing sugars: comparison of foods with naturally-occurring v. added sugars. 613
- PANNEMANS Daphne L.E. & WESTERTERP Klaas R. Energy expenditure, physical activity and basal metabolic rate of elderly subjects. 571
- PASK Gunilla *see* ALFAHAM Mazin, WOODHEAD Stuart, PASK Gunilla & DAVIES David Vitamin D deficiency: a concern in pregnant Asian women. 881
- PASSERI Mario *see* CORAZZA Gino R., BENATI Giuseppe, DI SARIO Antonio, TAROZZI Carlo, STROCCHI Alessandra, PASSERI Mario & GASBARRINI Giovanni Lactose intolerance and bone mass in postmenopausal Italian women. 479
- PERERA W.M.K., CARTER C.G. & HOULIHAN D.F. Feed consumption, growth and growth efficiency of rainbow trout (*Oncorhynchus mykiss* (Walbaum)) fed on diets containing a bacterial single-cell protein. 591
- PETIT Jean *see* COLOMB Virginie, PETIT Jean, MATHEIX-FORTUNET Héléne, HECKETSWEILER Bernadette, KAEFFER Nathalie, LEREBOURS Eric, COLIN Raymond & LEMELAND Jean-François Influence of antibiotics and food intake on liver glutathione and cytochrome P-450 in septic rats. 99
- PINCHASOV Y. Early transition of the digestive system to exogenous nutrition in domestic post-hatch birds. 471
- PINTO Martina L. & SHETTY P.S. Influence of exercise-induced maternal stress on fetal outcome in Wistar rats: inter-generational effects. 645
- POHLOVÁ I. *see* PÁCHA J. & POHLOVÁ I. Relationship between dietary Na⁺ intake, aldosterone and colonic amiloride-sensitive Na⁺ transport. 633
- POTTER J. *see* KLIPSTEIN-GROBUSCH K., REILLY J.J., POTTER J., EDWARDS C.A. & ROBERTS M.A. Energy intake and expenditure in elderly patients admitted to hospital with acute illness. 323
- POUPON Raoul *see* DE BANDT Jean Pascal, CYNOWER Luc, KYUNG LIM Soo, COUDRAY-LUCAS Colette, POUPON Raoul & GIBOUDEAU Jacqueline Metabolism of ornithine, α -ketoglutarate and arginine in isolated perfused rat liver. 227

- POWERS H.J. *see* WILLIAMS E.A., POWERS H.J. & RUMSEY R.D.E. Morphological changes in the rat small intestine in response to riboflavin depletion. 141
- PUSZTAI Arpad *see* GRANT George, DORWARD Patricia M., BUCHAN Wendy C., ARMOUR Julia C. & PUSZTAI Arpad Consumption of diets containing raw soya beans (*Glycine max*), kidney beans (*Phaseolus vulgaris*), cowpeas (*Vigna unguiculata*) or lupin seeds (*Lupinus angustifolius*) by rats for up to 700 days: effects on body composition and organ weights. 17
- PUSZTAI Arpad *see* BARDÓCZ Susan, DUGUID Tracey J., BROWN David S., GRANT George, PUSZTAI Arpad, WHITE Ann & RALPH Ann The importance of dietary polyamines in cell regeneration and growth. 819
- RABEN Anne, TAGLIABUE Anna & ASTRUP Arne The reproducibility of subjective appetite scores. 517
- RAHMAN Md.Mostafizur *see* FARUQUE Md.Omar, KHAN Moududur Rahman, RAHMAN Md.Mostafizur & AHMED Faruk Relationship between smoking and antioxidant nutrient status. 625
- RALPH Ann *see* BARDÓCZ Susan, DUGUID Tracey J., BROWN David S., GRANT George, PUSZTAI Arpad, WHITE Ann & RALPH Ann The importance of dietary polyamines in cell regeneration and growth. 819
- RAMBAL Corinne, PACHIAUDI Christiane, NORMAND Sylvie, RIOU Jean-Paul, LOUISOT Pierre & MARTIN Ambroise Effects of specific dietary sugars on the incorporation of ¹³C label from dietary glucose into neutral sugars of rat intestine and serum glycoproteins. 443
- READ N.W. *see* FRENCH S.J., MURRAY B., RUMSEY R.D.E., FADZLIN R. & READ N.W. Adaptation to high-fat diets: effects on eating behaviour and plasma cholecystokinin. 179
- REILLY J.J. *see* KLIPSTEIN-GROBUSCH K., REILLY J.J., POTTER J., EDWARDS C.A. & ROBERTS M.A. Energy intake and expenditure in elderly patients admitted to hospital with acute illness. 323
- RIOU Jean-Paul *see* RAMBAL Corinne, PACHIAUDI Christiane, NORMAND Sylvie, RIOU Jean-Paul, LOUISOT Pierre & MARTIN Ambroise Effects of specific dietary sugars on the incorporation of ¹³C label from dietary glucose into neutral sugars of rat intestine and serum glycoproteins. 443
- ROBERTS M.A. *see* KLIPSTEIN-GROBUSCH K., REILLY J.J., POTTER J., EDWARDS C.A. & ROBERTS M.A. Energy intake and expenditure in elderly patients admitted to hospital with acute illness. 323
- ROSEBROUGH R.W. & MITCHELL A.D. Protein and energy relationships in the broiler chicken 12. Dietary protein and triiodothyronine (T₃) effects on the response of broilers to isoproterenol and cyclic adenosine monophosphate *in vitro*. 73
- RUMSEY R.D.E. *see* WILLIAMS E.A., POWERS H.J. & RUMSEY R.D.E. Morphological changes in the rat small intestine in response to riboflavin depletion. 141
- RUMSEY R.D.E. *see* FRENCH S.J., MURRAY B., RUMSEY R.D.E., FADZLIN R. & READ N.W. Adaptation to high-fat diets: effects on eating behaviour and plasma cholecystokinin. 179
- RUNSWICK S.A. *see* BINGHAM S.A., CASSIDY A., COLE T.J., WELCH A., RUNSWICK S.A., BLACK A.E., THURNHAM D., BATES C., KHAW K.T., KEY T.J.A. & DAY N.E. Validation of weighed records and other methods of dietary assessment using the 24 h urine nitrogen technique and other biological markers. 531
- SANDSTRÖM Brittmari *see* OLSEN Sjúrdur F., HANSEN Harald S., SANDSTRÖM Brittmari & JENSEN Benny Erythrocyte levels compared with reported dietary intake of marine n-3 fatty acids in pregnant women. 387
- SANDSTRÖM Brittmari *see* OLSEN Sjúrdur F., HANSEN Harald S., SECHER Niels J., JENSEN Benny & SANDSTRÖM Brittmari Gestation length and birth weight in relation to intake of marine n-3 fatty acids. 397
- SCHOUTEN Frans J.M. *see* DEURENBERG Paul, TAGLIABUE Anna & SCHOUTEN Frans J.M. Multi-frequency impedance for the prediction of extracellular water and total body water. 349
- SCHREURS V.V.A.M. *see* WEIS P.J.M., SCHREURS V.V.A.M. & GROOTEN H.N.A. Meal feeding and leucine utilization in pregnant rats. 253
- SCHÜTZ A. *see* HUANG W., ÅKESSON B., SVENSSON B.G., SCHÜTZ A., BURK R.F. & SKERFVING S. Selenoprotein P and glutathione peroxidase (EC 1.11.1.9) in plasma as indices of selenium status in relation to the intake of fish. 455
- SECHER Niels J. *see* OLSEN Sjúrdur F., HANSEN Harald S., SECHER Niels J., JENSEN Benny & SANDSTRÖM Brittmari Gestation length and birth weight in relation to intake of marine n-3 fatty acids. 397
- SHEPHERD Richard *see* ANDERSON Annie S., CAMPBELL Doris M. & SHEPHERD Richard The influence of dietary advice on nutrient intake during pregnancy. 163
- SHETTY P.S. *see* PINTO Martina L. & SHETTY P.S. Influence of exercise-induced maternal stress on fetal outcome in Wistar rats: inter-generational effects. 645
- SIDDONS R.C. *see* DHANOA M.S., FRANCE J., SIDDONS R.C., LOPEZ S. & BUCHANAN-SMITH J.G. A non-linear compartmental model to describe forage degradation kinetics during incubation in polyester bags in the rumen. 3

- SIENER Roswitha & HESSE Albrecht Influence of a mixed and a vegetarian diet on urinary magnesium excretion and concentration. 783
- SKERFVING S. *see* HUANG W., ÅKESSON B., SVENSSON B.G., SCHÜTZ A., BURK R.F. & SKERFVING S. Selenoprotein P and glutathione peroxidase (EC 1.11.1.9) in plasma as indices of selenium status in relation to the intake of fish. 455
- SKINGLE D.C. *see* VAN BARNEVELD R.J., BATTERHAM E.S., SKINGLE D.C. & NORTON B.W. The effect of heat on amino acids for growing pigs. 4. Nitrogen balance and urine, serum and plasma composition of growing pigs fed on raw or heat-treated field peas (*Pisum sativum*). 259
- SKLAN D., TRIFON S., KEDAR O., VAISMAN N. & BERNER Y. Retinoid metabolism in human leucocytes. 889
- SKŘIVANOVÁ V. *see* MAROUNEK M., VOVK S.J. & SKŘIVANOVÁ V. Distribution of activity of hydrolytic enzymes in the digestive tract of rabbits. 463
- SLAMA Gerard *see* BOILLOT Josette, ALAMOWITCH Catherine, BERGER Anne-Marie, LUO Jing, BRUZZO Françoise, BORNET Francis R.J. & SLAMA Gerard Effects of dietary propionate on hepatic glucose production, whole-body glucose utilization, carbohydrate and lipid metabolism in normal rats. 241
- SOUARMON A. *see* GUINOTTE F., GAUTRON J., NYS Y. & SOUARMON A. Calcium solubilization and retention in the gastrointestinal tract in chicks (*Gallus domesticus*) as a function of gastric acid secretion inhibition and of calcium carbonate particle size. 125
- SOUTHGATE D.A.T. Design models. 1
- SOUTHGATE D.A.T. Nutrient bandwagons. 153
- SOUTHGATE D.A.T. On the quality of nutritional data. 335
- SOUTHGATE D.A.T. Multiplying publications. 489
- SOUTHGATE D.A.T. Have you read the paper? 643
- SOUTHGATE D.A.T. Confounded by time. 791
- SOUTHON Susan *see* MAISEY Susan, LOUGHRIDGE Julie, SOUTHON Susan & FULCHER Robert Variation in food group and nutrient intake with day of the week in an elderly population. 359
- STROCCHI Alessandra *see* CORAZZA Gino R., BENATI Giuseppe, DI SARIO Antonio, TAROZZI Carlo, STROCCHI Alessandra, PASSERI Mario & GASBARRINI Giovanni Lactose intolerance and bone mass in postmenopausal Italian women. 479
- SVENSSON B.G. *see* HUANG W., ÅKESSON B., SVENSSON B.G., SCHÜTZ A., BURK R.F. & SKERFVING S. Selenoprotein P and glutathione peroxidase (EC 1.11.1.9) in plasma as indices of selenium status in relation to the intake of fish. 455
- TAGLIABUE Anna *see* DEURENBERG Paul, TAGLIABUE Anna & SCHOUTEN Frans J.M. Multi-frequency impedance for the prediction of extracellular water and total body water. 349
- TAGLIABUE Anna *see* RABEN Anne, TAGLIABUE Anna & ASTRUP Arne The reproducibility of subjective appetite scores. 517
- TAGO K. *see* KATO S., KARINO K.-I., HASEGAWA S., NAGASAWA J., NAGASAKI A., EGUCHI M., ICHINOSE T., TAGO K., OKUMORI H., HAMATANI K., TAKAHASHI M., OGASAWARA J., MASUSHIGE S. & HASEGAWA T. Octacosonal affects lipid metabolism in rats fed on a high-fat diet. 433
- TAKAGI Tatsuya *see* TAMAKI Nanaya, FUJIMOTO-SAKATA Shigeko, KIKUGAWA Mariko, KANEKO Masae, ONOSAKA Satomi & TAKAGI Tatsuya Analysis of cyclic feed intake in rats fed on a zinc-deficient diet and the level of dihydropyrimidinase (EC 3.5.2.2). 711
- TAKAHASHI M. *see* KATO S., KARINO K.-I., HASEGAWA S., NAGASAWA J., NAGASAKI A., EGUCHI M., ICHINOSE T., TAGO K., OKUMORI H., HAMATANI K., TAKAHASHI M., OGASAWARA J., MASUSHIGE S. & HASEGAWA T. Octacosonal affects lipid metabolism in rats fed on a high-fat diet. 433
- TAMAKI Nanaya, FUJIMOTO-SAKATA Shigeko, KIKUGAWA Mariko, KANEKO Masae, ONOSAKA Satomi & TAKAGI Tatsuya Analysis of cyclic feed intake in rats fed on a zinc-deficient diet and the level of dihydropyrimidinase (EC 3.5.2.2). 711
- TANEJA S.K., CHADHA S. & ARYA P. Lipid-zinc interaction: its effect on the testes of mice. 723
- TAROZZI Carlo *see* CORAZZA Gino R., BENATI Giuseppe, DI SARIO Antonio, TAROZZI Carlo, STROCCHI Alessandra, PASSERI Mario & GASBARRINI Giovanni Lactose intolerance and bone mass in postmenopausal Italian women. 479
- THURNHAM D. *see* BINGHAM S.A., CASSIDY A., COLE T.J., WELCH A., RUNSWICK S.A., BLACK A.E., THURNHAM D., BATES C., KHAW K.T., KEY T.J.A. & DAY N.E. Validation of weighed records and other methods of dietary assessment using the 24 h urine nitrogen technique and other biological markers. 531
- TRIFON S. *see* SKLAN D., TRIFON S., KEDAR O., VAISMAN N. & BERNER Y. Retinoid metabolism in human leucocytes. 889

- TSUCHITA H. & KUWATA T. Trace lipid from whey-mineral complex enhances calcium availability in young ovariectomized rats. 299
- VAISMAN N. *see* SKLAN D., TRIFON S., KEDAR O., VAISMAN N. & BERNER Y. Retinoid metabolism in human leucocytes. 889
- VAN AMELSVOORT Johan M.M. *see* DE DECKERE Emile A.M., KLOOTS Willem J. & VAN AMELSVOORT Johan M.M. Both raw and retrograded starch decrease serum triacylglycerol concentration and fat accretion in the rat. 287
- VAN AMELSVOORT Johan M.M. *see* HEIJNEN Marie-Louise A., DEURENBERG Paul, VAN AMELSVOORT Johan M.M. & BEYNEN Anton C. Replacement of digestible by resistant starch lowers diet-induced thermogenesis in healthy men. 423
- VAN BARNEVELD R.J., BATTERHAM E.S., SKINGLE D.C. & NORTON B.W. The effect of heat on amino acids for growing pigs. 4. Nitrogen balance and urine, serum and plasma composition of growing pigs fed on raw or heat-treated field peas (*Pisum sativum*). 259
- VANHATALO Aila & KETOJA Elise The role of the large intestine in post-ruminal digestion of feeds as measured by the mobile-bag method in cattle. 491
- VAN LEEUWEN P., JANSMAN A.J.M., WIEBENGA J., KONINKX J.F.J.G. & MOUWEN J.M.V.M. Dietary effects of faba-bean (*Vicia faba* L.) tannins on the morphology and function of the small-intestinal mucosa of weaned pigs. 31
- VAN MILGEN Jaap & BAUMONT René Models based on variable fractional digestion rates to describe ruminal *in situ* digestion. 793
- VAN OS M., DULPHY J.P. & BAUMONT R. The effect of protein degradation products in grass silages on feed intake and intake behaviour in sheep. 51
- VOVK S.J. *see* MAROUNEK M., VOVK S.J. & SKŘIVANOVÁ V. Distribution of activity of hydrolytic enzymes in the digestive tract of rabbits. 463
- WANG S.H. *see* LEE Warren T.K., LEUNG Sophie S.F., XU Y.C., WANG S.H., ZENG W.P., LAU Joseph & FAIRWEATHER-TAIT Susan J. Effects of double-blind controlled calcium supplementation on calcium absorption in Chinese children measured with stable isotopes (⁴²Ca and ⁴⁴Ca). 311
- WEJIS P.J.M., SCHREURS V.V.A.M. & GROOTEN H.N.A. Meal feeding and leucine utilization in pregnant rats. 253
- WELCH A. *see* BINGHAM S.A., CASSIDY A., COLE T.J., WELCH A., RUNSWICK S.A., BLACK A.E., THURNHAM D., BATES C., KHAW K.T., KEY T.J.A. & DAY N.E. Validation of weighed records and other methods of dietary assessment using the 24 h urine nitrogen technique and other biological markers. 531
- WESTERTERP Klaas R., DONKERS Jeroen H.H.L.M., FREDRIX Elisabeth W.H.M. & BOEKHOUDT Piet Energy intake, physical activity and body weight: a simulation model. 337
- WESTERTERP Klaas R. *see* PANNEMANS Daphne L.E. & WESTERTERP Klaas R. Energy expenditure, physical activity and basal metabolic rate of elderly subjects. 571
- WHITE Ann *see* BARDÓCZ Susan, DUGUID Tracey J., BROWN David S., GRANT George, PUSZTAI Arpad, WHITE Ann & RALPH Ann The importance of dietary polyamines in cell regeneration and growth. 819
- WIEBENGA J. *see* VAN LEEUWEN P., JANSMAN A.J.M., WIEBENGA J., KONINKX J.F.J.G. & MOUWEN J.M.V.M. Dietary effects of faba-bean (*Vicia faba* L.) tannins on the morphology and function of the small-intestinal mucosa of weaned pigs. 31
- WILLIAMS E.A., POWERS H.J. & RUMSEY R.D.E. Morphological changes in the rat small intestine in response to riboflavin depletion. 141
- WOODHEAD Stuart *see* ALFAHAM Mazin, WOODHEAD Stuart, PASK Gunilla & DAVIES David Vitamin D deficiency: a concern in pregnant Asian women. 881
- XU Y.C. *see* LEE Warren T.K., LEUNG Sophie S.F., XU Y.C., WANG S.H., ZENG W.P., LAU Joseph & FAIRWEATHER-TAIT Susan J. Effects of double-blind controlled calcium supplementation on calcium absorption in Chinese children measured with stable isotopes (⁴²Ca and ⁴⁴Ca). 311
- YU Shiguang & BEYNEN Anton C. High tin intake reduces copper status in rats through inhibition of copper absorption. 863
- ZENG W.P. *see* LEE Warren T.K., LEUNG Sophie S.F., XU Y.C., WANG S.H., ZENG W.P., LAU Joseph & FAIRWEATHER-TAIT Susan J. Effects of double-blind controlled calcium supplementation on calcium absorption in Chinese children measured with stable isotopes (⁴²Ca and ⁴⁴Ca). 311
- ZHAO G.Y., ĐURIĆ M., MACLEOD N.A., ØRSKOV E.R., DEB. HOVELL F.D. & FENG Y.L. The use of intragastric nutrition to study saliva secretion and the relationship between rumen osmotic pressure and water transport. 155
- ZHAO Xinquan, JØRGENSEN Henry & EGGUM Bjørn O. The influence of dietary fibre on body composition, visceral organ weight, digestibility and energy balance in rats housed in different thermal environments. 687