

Index of Subjects

Numerals followed by the letter A refer to Abstracts of Communications read at Meetings for Original Communications of The Nutrition Society

Acid-base status

Acid-base status of pre-menopausal vegetarian and omnivorous women 51, 32A, 1992

Acute anabolic response

Infection with human immunodeficiency virus does not prevent the acute anabolic response to nutrition 51, 96A, 1992

Acute-phase reaction

Effect of Ibuprofen on the acute-phase response and whole-body protein turnover of weight-losing cancer patients 51, 99A, 1992

Adipose tissue

Adipose tissue fatty acids: risk factors for coronary heart disease (CHD)? 51, 139A, 1992

An evolutionary and functional view of mammalian adipose tissue 51, 367, 1992

Breeding and transgenesis as means of decreasing adiposity in farm animal species: practice and promise 51, 441, 1992

Brown fat-specific mitochondrial uncoupling protein in adipose tissues of neonatal goats 51, 85A, 1992

Dietary and other factors involved in the proliferation, determination and differentiation of adipocyte precursor cells 51, 379, 1992

Effect of diet on human adipose tissue metabolism 51, 409, 1992

Effects of diet on lipolysis and its regulation 51, 397, 1992

Effects of hyperinsulinaemia or vanadate on lipid partitioning between mammary gland and adipose tissue during lactation and weaning in the rat 51, 151A, 1992

Factors stimulating proliferation of sheep adipocyte precursor cells 51, 149A, 1992

Immunological manipulation of adiposity 51, 433, 1992

Influence of diet on the development and regulation of lipogenic enzymes in adipose tissue 51, 387, 1992

Insulin-like growth factor-1 and the fibroblast growth factors as autocrine/paracrine regulators of adipocyte precursor DNA synthesis 51, 147A, 1992

Manipulation of adiposity by somatotropin and β -adrenergic agonists: a comparison of their mechanisms of action 51, 419, 1992

MRI estimates of changes in adipose tissue area with weight loss 51, 47A, 1992

Oestrogen production in human adipose tissue in vivo 51, 37A, 1992

Site-specific differences in the fatty acid composition of human adipose tissue 51, 138A, 1992

The effect of triiodothyronine (T_3) treatment on dietary lipid deposition and oxidation in meal-fed and *ad lib.*-fed rats 51, 150A, 1992

The indirect effects predicted by a model of adipose tissue metabolism 51, 148A, 1992

Why do people get fat: is adipose tissue guilty? 51, 353, 1992

Adiposity

The effect of adding 10% maize oil to the diet on body fatness and food intake in broiler chickens 51, 54A, 1992

Adolescence

Food consumption and nutritional status of adolescents in Birmingham 51, 64A, 1992

β -Adrenergic agonists

Manipulation of adiposity by somatotropin and β -adrenergic agonists: a comparison of their mechanisms of action 51, 419, 1992

Albumin synthesis

Correlation of albumin synthesis rates with the Child-Turcotte score (CTS) in patients with cirrhosis of the liver 51, 110A, 1992

Alzheimer's disease

Free radical oxidant generation by murine brain glial cells in vitro: potential nutritional antioxidant interactions and relevance to Alzheimer's dementia 51, 11A, 1992

Anaesthesia

The independent metabolic effects of anaesthesia and surgery 51, 97A, 1992

Anorexia

The metabolic response to cancer 51, 279, 1992

Anorexia nervosa

Low incremental workload cycle ergometry during in-patient nutritional treatment of patients with anorexia nervosa 51, 128A, 1992

Anthropometry

Anthropometric indices of lean body mass using ultrasound 51, 125A, 1992

Antioxidant enzymes

The effect of dietary iron levels on iron status and antioxidant enzymes in the rat 51, 12A, 1992

Apolipoproteins

Serum lipids and apolipoproteins (Apo-A1, A2 and B) in the Chinese from mainland and Singapore 51, 28A, 1992

Artificial feeds

Ultrafiltered cow's milk as a milk substitute for rat pups 51, 40A, 1992

Ascariasis

The absorption of retinol in Bangladeshi children with ascariasis 51, 20A, 1992

Ascorbic acid

- Effect of ascorbic acid and lemon juice on tea-inhibited iron absorption in suckling rats
51, 62A, 1992
- Effect of dietary supplemental ascorbic acid on performance and choice feeding of broiler chicks under heat stress
51, 55A, 1992

Asthma

- Energy intake and basal metabolic rate of children with chronic asthma
51, 73A, 1992

Basal metabolic rate

- Approaches and limitations to the prediction of energy requirements in wild animal husbandry and veterinary care
51, 117, 1992
- Basal metabolic rate and body composition in Mexican males of different body mass index
51, 69A, 1992
- Basal metabolic rate and fuel oxidation rates in chronic obstructive pulmonary disease
51, 94A, 1992
- Changes in basal metabolic rate, fasting respiratory quotient and body fat following energy supplementation of chronically-undernourished individuals
51, 90A, 1992
- Energy intake and basal metabolic rate in paediatric oncology patients receiving chemotherapy
51, 74A, 1992
- Energy intake and basal metabolic rate of children with chronic asthma
51, 73A, 1992
- Evidence for tumour-induced changes in basal metabolic rate in patients with small cell lung cancer
51, 108A, 1992
- Integration of human and animal concepts of energy metabolism
51, 109, 1992

Bed rest

- Bed rest decreases whole-body protein turnover in the post-absorptive state
51, 118A, 1992

Beta-cell tropin

- Plasma beta-cell tropin in obese and normal children
51, 152A, 1992

Biological clocks

- Food and biological clocks
51, 145, 1992

Birth weight

- Effect on birth weight of a community-based supplementation programme for pregnant Gambian women: first year results
51, 77A, 1992
- Total body water measurement in very low birth weight infants using bioelectrical impedance
51, 39A, 1992

Blood amino acids

- Augmentation of plasma arginine and glutamine by ornithine α -ketoglutarate in healthy, enterally-fed volunteers
51, 119A, 1992
- Plasma amino acids and peptiduria during intravenous infusion of a short-chain ovalbumin hydrolysate, or its equivalent amino acid (AA) mixture, in man
51, 103A, 1992

Blood biochemistry

- Biochemical indices of malnutrition in middle-aged onset patients with Parkinson's disease
51, 129A, 1992

Blood lipids

- Serum lipids and apolipoproteins (Apo-A1, A2 and B) in the Chinese from mainland and Singapore
51, 28A, 1992
- The influence of respiratory quotient and serum lipid levels on thermic effect of continual enteral nutrition
51, 102A, 1992

Blood pressure

- The blood pressure of Gambian children – effects of maternal weight during pregnancy
51, 76A, 1992

Body composition

- Lipolysis, body composition and hormone levels during normal human pregnancy
51, 155A, 1992
- The use of a four-component model for evaluation of the density and the hydration fraction of fat-free mass, and for validation of bedside prediction methods of body composition
51, 127A, 1992

Body fat

- Changes in basal metabolic rate, fasting respiratory quotient and body fat following energy supplementation of chronically-undernourished individuals
51, 90A, 1992

Body mass index

- Basal metabolic rate and body composition in Mexican males of different body mass index
51, 69A, 1992

Body water

- Total body water measurement in very low birth weight infants using bioelectrical impedance
51, 39A, 1992

Body-weight

- Daily body-weight changes in critical illness
51, 126A, 1992
- Feeding pattern in humans. 1. The relationship between feeding pattern and body-weight
51, 50A, 1992
- The effect of smoking cessation on energy expenditure and body-weight
51, 48A, 1992

Bone

- Development of bio-markers for bone turnover: the excretion of pyridinium cross-links in pre-school children
51, 38A, 1992

Boron

- No effect of dietary boron on urinary oestrogen excretion in rats
51, 25A, 1992

Breast feeding

- Effect of weaning foods on breast milk intake in Gambian infants
51, 78A, 1992

Breeding

- Breeding and transgenesis as means of decreasing adiposity in farm animal species: practice and promise
51, 441, 1992

Brown adipose tissue

- Progressive effects of selenium deficiency on the acute cold-induced stimulation of type II iodothyronine deiodinase activity in rat brown adipose tissue
51, 63A, 1992

Brown fat

- Brown fat-specific mitochondrial uncoupling protein in adipose tissues of neonatal goats
51, 85A, 1992

Caffeine

- Nutritional influences on mood and cognitive performance: the menstrual cycle, caffeine and dieting **51, 343, 1992**
- Use and effects of food and drinks in relation to daily rhythms of mood and cognitive performance. Effects of caffeine, lunch and alcohol on human performance, mood and cardiovascular function **51, 325, 1992**

Calcium

- Absorption of water and solute in the human jejunum from sucrose-electrolyte solutions containing calcium and magnesium **51, 142A, 1992**

Calorimetry

- A new approach to the measurement activity and work efficiency in a whole-room indirect calorimeter **51, 70A, 1992**

Cancer

- Evidence for tumour-induced changes in basal metabolic rate in patients with small cell lung cancer **51, 108A, 1992**
- Ileal starch output in two groups of differing colonic cancer risk **51, 121A, 1992**

Cancer cachexia

- Changes in feeding behaviour in cachectic tumour-bearing rats during the period of tumour growth **51, 122A, 1992**
- Effect of Ibuprofen on the acute-phase response and whole-body protein turnover of weight-losing cancer patients **51, 99A, 1992**
- The effect of *n*-3 and *n*-6 polyunsaturated fatty acids on the T-cell function of healthy controls and weight-losing pancreatic cancer patients **51, 116A, 1992**
- The mechanisms and treatment of weight loss in cancer **51, 251, 1992**
- The metabolic response to cancer **51, 279, 1992**

Carbohydrate balance

- Carbohydrate balance and day-to-day food intake in man **51, 52A, 1992**

Carbohydrate intake

- Slimming with 5 MJ (1200 kcal): 58% *v.* 35% energy from carbohydrate **51, 146A, 1992**
- The effect of changes in dietary carbohydrate *v.* fat intake on 24 h energy expenditure and nutrient oxidation post-menopausal in women **51, 91A, 1992**

Carcass composition

- Lipid content and fatty acid profiles of pig meat **51, 140A, 1992**
- The effect of dietary oil composition on lipid composition of pig meat **51, 27A, 1992**

Cardiovascular disease

- The effect of nutrition of the fetus and neonate on cardiovascular disease in adult life **51, 135, 1992**

Cellular proliferation

- The effect of supplementing elemental diet with dextran on colonic short-chain fatty acids and cellular proliferation in the rat **51, 5A, 1992**

Cereal intake

- The influence of type of milk and breakfast cereal consumption on daily intake of fat and non-starch polysaccharide in university students **51, 17A, 1992**

Chemotherapy

- Energy intake and basal metabolic rate in paediatric oncology patients receiving chemotherapy **51, 74A, 1992**

Child development

- Jamaican studies in nutrition and child development, and their implications for national development **51, 71, 1992**

Childhood

- Development of bio-markers for bone turnover: the excretion of pyridinium cross-links in pre-school children **51, 38A, 1992**
- Effect of vitamin A status on serum and tear immunoglobulins in children **51, 21A, 1992**
- Energy intake and basal metabolic rate in paediatric oncology patients receiving chemotherapy **51, 74A, 1992**
- Energy intake and basal metabolic rate of children with chronic asthma **51, 73A, 1992**
- Intake and sources of sugar in the diet of pre-school children **51, 19A, 1992**
- Micronutrient intake and psychological performance of schoolchildren: consideration of the value of calculated nutrient intakes for the assessment of micronutrient status in children **51, 315, 1992**
- Plasma beta-cell tropin in obese and normal children **51, 152A, 1992**
- The absorption of retinol in Bangladeshi children with ascariasis **51, 20A, 1992**
- The blood pressure of Gambian children – effects of maternal weight during pregnancy **51, 76A, 1992**
- The effect of morbidity on the growth of stunted and non-stunted children **51, 84A, 1992**
- The effect of variation in sources of energy intake on the nutritional quality of the diet of pre-school children **51, 18A, 1992**
- Vitamin and mineral supplementation and academic performance in schoolchildren **51, 303, 1992**
- Vitamin-mineral supplements and intelligence **51, 295, 1992**

Chronic obstructive pulmonary disease

- Basal metabolic rate and fuel oxidation rates in chronic obstructive pulmonary disease **51, 94A, 1992**

Chronic undernourishment

- Changes in basal metabolic rate, fasting respiratory quotient and body fat following energy supplementation of chronically-undernourished individuals **51, 90A, 1992**

Cirrhosis

- Correlation of albumin synthesis rates with the Child-Turcotte score (CTS) in patients with cirrhosis of the liver **51, 110A, 1992**

Cognitive performance

- Nutritional influences on mood and cognitive performance: the menstrual cycle, caffeine and dieting 51, 343, 1992
- Personal benefits from post-ingestional actions of dietary constituents 51, 335, 1992
- Use and effects of food and drinks in relation to daily rhythms of mood and cognitive performance. Effects of caffeine, lunch and alcohol on human performance, mood and cardiovascular function 51, 325, 1992

Colonic function

- Comparison of the effects of bran and ispaghula on colonic contents in the rat 51, 4A, 1992
- The effect of supplementing elemental diet with dextran on colonic short-chain fatty acids and cellular proliferation in the rat 51, 5A, 1992

Community nutrition

- Effect on birth weight of a community-based supplementation programme for pregnant Gambian women: first year results 51, 77A, 1992
- Nutrition information and training: networking in international community nutrition 51, 105, 1992

Compliance

- Is our dietary advice effective? 51, 63, 1992

Concanavalin A

- Glutamine promotes interleukin-2 production by concanavalin A-stimulated lymphocytes 51, 105A, 1992

Concentrate intake

- Performance of dairy cows of different genetic index offered diets differing in forage:concentrate ratio over a full lactation 51, 80A, 1992

Copper

- The effect of pyridoxine deficiency on copper status in male and female rats 51, 24A, 1992
- The transport of iron and copper across the cell membrane: different mechanisms for different metals? 51, 199, 1992

Coronary heart disease risk factors

- Adipose tissue fatty acids: risk factors for coronary heart disease (CHD)? 51, 139A, 1992

Critical illness

- Can energy expenditure be measured in critical illness using [¹³C]-labelled bicarbonate? 51, 124A, 1992
- Daily body-weight changes in critical illness 51, 126A, 1992

Cycle ergometry

- Low incremental workload cycle ergometry during in-patient nutritional treatment of patients with anorexia nervosa 51, 128A, 1992

Cystic fibrosis

- Energy metabolism in cystic fibrosis 51, 237, 1992
- Fat-soluble vitamins in cystic fibrosis 51, 245, 1992
- Nutrition in cystic fibrosis: a historical overview 51, 225, 1992

Cytokines

- Effects of major and minor surgery on plasma glutamine and cytokine concentrations 51, 107A, 1992
- The cytokine response to abdominal sepsis 51, 113A, 1992

Dexamethasone

- Glutamine increases protein synthesis in heart, skeletal muscle, liver and gut of dexamethasone-treated rats 51, 106A, 1992

Dextran 40KDa

- In vivo and in vitro assimilation of orally-administered dextran 40KDa in man 51, 120A, 1992

Diet selection

- Milk choices in Saskatchewan, Canada: consumer behaviour and reasons for milk choice 51, 16A, 1992
- The effect of force-feeding various levels of protein on diet selection and growth of broiler chickens 51, 56A, 1992
- The influence of type of milk and breakfast cereal consumption on daily intake of fat and non-starch polysaccharide in university students 51, 17A, 1992
- Which foods best discriminate between individuals with low-fat and high-fat diets? 51, 29A, 1992

Dietary advice

- Are practice nurses an effective means of delivering dietary advice as part of health promotion in primary health care? 51, 66A, 1992
- Are there conflicts in dietary advice for prevention of different diseases? 51, 35, 1992
- Dietary advice: foods or nutrients? 51, 47, 1992
- Dietary reference values 51, 29, 1992
- Is our dietary advice effective? 51, 63, 1992
- Nutritional information: do we know what we are eating? 51, 55, 1992

Dietary assessment

- Validations of dietary assessment using doubly-labelled water 51, 72A, 1992

Dietary fibre

- Comparison of the effects of bran and ispaghula on colonic contents in the rat 51, 4A, 1992
- Effects of guar gum supplementation of breakfast cereals on small intestinal hydrolases in the rat 51, 2A, 1992
- The effects of dietary guar gum or soya fibre on the activities of some NADPH-generating enzymes in rats 51, 8A, 1992

Dietary manipulation

- Dietary manipulation of the inflammatory response 51, 285, 1992

Dietary reference values

- Dietary reference values 51, 29, 1992

Dietary restriction

- The effect of chronic dietary restriction on post-prandial glycogen and lipid synthesis in the rat 51, 123A, 1992

Dietary surveys

Evaluating dietary surveys against energy requirements 51, 33A, 1992

Diet-induced thermogenesis

Genetic variation in diet-induced thermogenesis in birds 51, 86A, 1992

Digestibility

Effects of enzyme supplementation on digestibility of wheat feed by weaned pigs 51, 3A, 1992

Divers

Energy intake and expenditure in divers during a 450 m working dive 51, 49A, 1992

Doubly-labelled water

Validation of the doubly-labelled water (DLW) method in growing pigs 51, 71A, 1992
Validations of dietary assessment using doubly-labelled water 51, 72A, 1992

Eating behaviour

Integration of internal and external signals in intake control 51, 21, 1992
Role of gastrointestinal factors in hunger and satiety in man 51, 7, 1992

Eating pattern

The effect of cessation of smoking on eating patterns, energy intake and body-weight 51, 154A, 1992

Eating self-efficacy

The relationship of eating self-efficacy to weight change in obese hospital out-patients 51, 153A, 1992

Economic development

Can nutritional indicators be used to measure economic development? 51, 107, 1992

Egg consumption

The increase in *n*-3 fatty acids in plasma of humans consuming enriched eggs 51, 10A, 1992

Egg formation

Energy cost of egg formation in quail 51, 41A, 1992

Elderly

Admission characteristics of elderly orthopaedic surgical patients categorized into high and low nutritional risk groups by objective tests of nutritional status 51, 130A, 1992

Long-term follow-up of elderly orthopaedic surgical patients nutritionally assessed on admission to hospital 51, 131A, 1992

Nutritional influences on recovery and length of hospital stay in elderly women following femoral fracture 51, 132A, 1992

Elderly women

Energy balance in healthy elderly women 51, 92A, 1992

Elemental diet

The effect of supplementing elemental diet with dextran on colonic short-chain fatty acids and cellular proliferation in the rat 51, 5A, 1992

Endotoxaemia

Interaction between endotoxaemia and low protein intake on rat skeletal muscle contractile characteristics 51, 46A, 1992

Energy balance

Energy balance in healthy elderly women 51, 92A, 1992

The effects of potassium deficiency on energy balance in the growing rat 51, 34A, 1992

Energy expenditure

Can energy expenditure be measured in critical illness using [¹³C]-labelled bicarbonate? 51, 124A, 1992

Energy intake and expenditure in divers during a 450 m working dive 51, 49A, 1992

Raised resting energy expenditure in subjects with middle-aged onset of Parkinson's disease 51, 75A, 1992

The effect of changes in dietary carbohydrate *v.* fat intake on 24 h energy expenditure and nutrient oxidation post-menopausal in women 51, 91A, 1992

The effect of smoking cessation on energy expenditure and body-weight 51, 48A, 1992

Total energy expenditure of free-living Chinese infants and toddlers in Hong Kong from 6 months–2 years 51, 83A, 1992

Energy intake

Energy intake and basal metabolic rate in paediatric oncology patients receiving chemotherapy 51, 74A, 1992

Energy intake and basal metabolic rate of children with chronic asthma 51, 73A, 1992

Energy intake and expenditure in divers during a 450 m working dive 51, 49A, 1992

Feeding patterns in humans. 2. Feeding patterns and sources of energy intake 51, 51A, 1992

Intake and sources of sugar in the diet of pre-school children 51, 19A, 1992

The effect of cessation of smoking on eating patterns, energy intake and body-weight 51, 154A, 1992

The effect of variation in sources of energy intake on the nutritional quality of the diet of pre-school children 51, 18A, 1992

Energy metabolism

Approaches and limitations to the prediction of energy requirements in wild animal husbandry and veterinary care 51, 117, 1992

Energy metabolism in cystic fibrosis 51, 237, 1992

Integration of human and animal concepts of energy metabolism 51, 109, 1992

Merits of empirical and mechanistic approaches to the study of energy metabolism 51, 125, 1992

Energy requirement

Approaches and limitations to the prediction of energy requirements in wild animal husbandry and veterinary care 51, 117, 1992

Energy cost of egg formation in quail 51, 41A, 1992

- Evaluating dietary surveys against energy requirements 51, 33A, 1992
- Energy supplementation**
Changes in basal metabolic rate, fasting respiratory quotient and body fat following energy supplementation of chronically-undernourished individuals 51, 90A, 1992
- Enteral nutrition**
A comparison of performance of five fine-bore naso-gastric feeding tubes 51, 135A, 1992
Augmentation of plasma arginine and glutamine by ornithine α -ketoglutarate in healthy, enterally-fed volunteers 51, 119A, 1992
The influence of respiratory quotient and serum lipid levels on thermic effect of continual enteral nutrition 51, 102A, 1992
- Enterocytes**
Diet effects on enterocyte development 51, 173, 1992
- Environment**
Maternal and environmental influences on thermoregulation in the neonate 51, 165, 1992
- Environmental temperature**
Effect of rearing neonatal lambs in a cold or warm environment on thermogenesis during slow-wave sleep 51, 82A, 1992
- Enzyme supplementation**
Effects of enzyme supplementation on digestibility of wheat feed by weaned pigs 51, 3A, 1992
- Erythrocyte ATPase**
The influence of genotype, diet and stage of lactation on erythrocyte ATPase activity in dairy cattle 51, 87A, 1992
- Ethanol intake**
The influence of chronic ethanol feeding on duodenal and hepatic monoamine oxidase (*EC* 1.4.3.4) in the rat 51, 9A, 1992
Use and effects of food and drinks in relation to daily rhythms of mood and cognitive performance. Effects of caffeine, lunch and alcohol on human performance, mood and cardiovascular function 51, 325, 1992
- Evolution**
An evolutionary and functional view of mammalian adipose tissue 51, 367, 1992
- Faecal flora**
Effects of galacto-oligosaccharides (TOS) on bacterial enzymic activities and metabolite production in rats associated with a human faecal flora 51, 7A, 1992
- Fat-free mass**
The use of a four-component model for evaluation of the density and the hydration fraction of fat-free mass, and for validation of bedside prediction methods of body composition 51, 127A, 1992
- Fat intake**
Effect of dietary fat content and choice on intake and performance of growing pigs 51, 53A, 1992
- Effects of tumour necrosis factor- α (TNF- α) on lungs and liver in mice are modified by fats of varying saturated, monounsaturated and polyunsaturated fatty acid content 51, 88A, 1992
- Influence of heated vegetable oils and α -tocopheryl acetate on susceptibility of chicken tissues to lipid peroxidation 51, 13A, 1992
- Metabolic responses to interleukin-1 (IL-1) are attenuated by dietary eicosapentaenoic (20:5 *n*-3) and docosahexaenoic (22:6 *n*-3) fatty acids in the rat 51, 98A, 1992
- Oleic acid as a determinant of the difference between the suppressive effects of coconut oil and butter on responses to tumour necrosis factor α (TNF α) in rats 51, 89A, 1992
- Smoking, and correlations between dietary fat and adipose tissue linoleate (18:2*n*-6) using a food frequency questionnaire (FFQ) 51, 26A, 1992
- The effect of adding 10% maize oil to the diet on body fatness and food intake in broiler chickens 51, 54A, 1992
- The effect of changes in dietary carbohydrate v. fat intake on 24 h energy expenditure and nutrient oxidation post-menopausal in women 51, 91A, 1992
- The effect of dietary oil composition on lipid composition of pig meat 51, 27A, 1992
- The effects of dietary lipid source on lipid peroxidation and damage to cardiac tissue induced by ischaemia and reperfusion 51, 14A, 1992
- Which foods best discriminate between individuals with low-fat and high-fat diets? 51, 29A, 1992
- Fat-soluble vitamins**
Fat-soluble vitamins in cystic fibrosis 51, 245, 1992
- Fatty acid composition**
Adipose tissue fatty acids: risk factors for coronary heart disease (CHD)? 51, 139A, 1992
Lipid content and fatty acid profiles of pig meat 51, 140A, 1992
Site-specific differences in the fatty acid composition of human adipose tissue 51, 138A, 1992
- Feed intake**
Effect of dietary fat content and choice on intake and performance of growing pigs 51, 53A, 1992
The effect of adding 10% maize oil to the diet on body fatness and food intake in broiler chickens 51, 54A, 1992
- Feed selection**
Effect of dietary fat content and choice on intake and performance of growing pigs 51, 53A, 1992
Effect of dietary supplemental ascorbic acid on performance and choice feeding of broiler chicks under heat stress 51, 55A, 1992
The effect of breed (Large White \times Landrace v. purebred Meishan) on the diets selected by pigs given a choice between two foods that differ in their crude protein contents 51, 156A, 1992

Feeding behaviour

Changes in feeding behaviour in cachectic tumour-bearing rats during the period of tumour growth 51, 122A, 1992

Feeding patterns

Feeding pattern in humans. 1. The relationship between feeding pattern and body-weight 51, 50A, 1992

Feeding patterns in humans. 2. Feeding patterns and sources of energy intake 51, 51A, 1992

Fermentable fibre

In vivo and in vitro assimilation of orally-administered dextran 40KDa in man 51, 120A, 1992

Fetus

The effect of nutrition of the fetus and neonate on cardiovascular disease in adult life 51, 135, 1992

Fibroblast growth factors

Insulin-like growth factor-1 and the fibroblast growth factors as autocrine/paracrine regulators of adipocyte precursor DNA synthesis 51, 147A, 1992

Fine bore catheters

A comparison of the efficacy of polyurethane and silastic fine bore catheters for the peripheral venous delivery of intravenous nutrition 51, 133A, 1992

A randomized comparison between peripheral ultra-fine bore silicone catheters and central silicone catheters for the delivery of high osmolality intravenous nutrition 51, 134A, 1992

Folic acid

Folate-vitamin B₁₂ interrelationships in the central nervous system 51, 219, 1992

Food allergy

Attitudes to food allergy: families in Dublin 51, 68A, 1992

Food frequency questionnaire

Smoking, and correlations between dietary fat and adipose tissue linoleate (18:2n-6) using a food frequency questionnaire (FFQ) 51, 26A, 1992

Food intake

Carbohydrate balance and day-to-day food intake in man 51, 52A, 1992

Diet effects on enterocyte development 51, 173, 1992

Food and biological clocks 51, 145, 1992

Food consumption and nutritional status of adolescents in Birmingham 51, 64A, 1992

Personal benefits from post-ingestional actions of dietary constituents 51, 335, 1992

Food supply

Nutrition and socio-economic development in Southeast Asia 51, 93, 1992

Nutritional information: do we know what we are eating? 51, 55, 1992

Forage intake

Performance of dairy cows of different genetic index offered diets differing in forage:concentrate ratio over a full lactation 51, 80A, 1992

Force-feeding

The effect of force-feeding various levels of protein on diet selection and growth of broiler chickens 51, 56A, 1992

Free radicals

Free radical oxidant generation by murine brain glial cells in vitro: potential nutritional anti-oxidant interactions and relevance to Alzheimer's dementia 51, 11A, 1992

Freezing point depression

Factors affecting the freezing point depression of milk 51, 141A, 1992

Fuel oxidation rate

Basal metabolic rate and fuel oxidation rates in chronic obstructive pulmonary disease 51, 94A, 1992

Gastric emptying

Gastric emptying and unidirectional water absorption of glucose solutions in man 51, 1A, 1992

Gastrointestinal function

Breast and gut: the relationship between lactating mammary function and neonatal gastrointestinal function 51, 155, 1992

Effects of guar gum supplementation of breakfast cereals on small intestinal hydrolases in the rat 51, 2A, 1992

Gene expression

Gene expression and the metabolic role of zinc 51, 58A, 1992

Genetic defects

Why do people get fat: is adipose tissue guilty? 51, 353, 1992

Genotype

The influence of genotype, diet and stage of lactation on erythrocyte ATPase activity in dairy cattle 51, 87A, 1992

Glutamine

Formulation of a glutamine-containing total parenteral nutrition mixture for clinical use 51, 136A, 1992

Glutamine increases protein synthesis in heart, skeletal muscle, liver and gut of dexamethasone-treated rats 51, 106A, 1992

Glycogen synthesis

The effect of chronic dietary restriction on post-prandial glycogen and lipid synthesis in the rat 51, 123A, 1992

Growth

Growth, nitrogen retention and peptiduria in TPN-fed rats receiving short-chain protein hydrolysates 51, 112A, 1992

The effect of morbidity on the growth of stunted and non-stunted children 51, 84A, 1992

Health care

Are practice nurses an effective means of delivering dietary advice as part of health promotion in primary health care? 51, 66A, 1992

Health development

Nutrition and health development – lessons from Kerala 51, 81, 1992

Heat stress

Effect of dietary supplemental ascorbic acid on performance and choice feeding of broiler chicks under heat stress 51, 55A, 1992

Human immunodeficiency virus

Infection with human immunodeficiency virus does not prevent the acute anabolic response to nutrition 51, 96A, 1992

Hypermetabolism

Absence of hypermetabolism following operation in the newborn infant 51, 115A, 1992

Ibuprofen

Effect of Ibuprofen on the acute-phase response and whole-body protein turnover of weight-losing cancer patients 51, 99A, 1992

Immune function

Effect of vitamin A status on serum and tear immunoglobulins in children 51, 21A, 1992

The effect of *n*-3 and *n*-6 polyunsaturated fatty acids on the T-cell function of healthy controls and weight-losing pancreatic cancer patients 51, 116A, 1992

Immune suppression

Effects of major and minor surgery on plasma glutamine and cytokine concentrations 51, 107A, 1992

Immunological manipulation

Immunological manipulation of adiposity 51, 433, 1992

Inflammatory response

Dietary manipulation of the inflammatory response 51, 285, 1992

Infancy

Effect of weaning foods on breast milk intake in Gambian infants 51, 78A, 1992

Infants

Total energy expenditure of free-living Chinese infants and toddlers in Hong Kong from 6 months–2 years 51, 83A, 1992

Infection

Modulating the metabolic response to injury and infection 51, 267, 1992

Injury

Changes in tissue protein distribution in the rat after sequential injections of turpentine 51, 114A, 1992

Modulating the metabolic response to injury and infection 51, 267, 1992

Insulin

Effect of porcine somatotropin and insulin on nutrient uptake by the hindlimb of growing pigs 51, 35A, 1992

Effects of hyperinsulinaemia or vanadate on lipid partitioning between mammary gland and adipose tissue during lactation and weaning in the rat 51, 151A, 1992

Insulin reduces leucine oxidation and improves nitrogen balance in the parenterally-fed state 51, 111A, 1992

Measurement of whole-body protein turnover using [¹⁵N]-glycine as tracer fails to demonstrate changes in response to hyperinsulinaemia in post-absorptive man 51, 117A, 1992

Insulin-like growth factor-1

Effect of manipulation of the efficiency of nitrogen retention by diet on plasma insulin-like growth factor-1 (IGF-1) concentration 51, 45A, 1992

Insulin-like growth factor-1 and the fibroblast growth factors as autocrine/paracrine regulators of adipocyte precursor DNA synthesis 51, 147A, 1992

Intelligence

Micronutrient intake and psychological performance of schoolchildren: consideration of the value of calculated nutrient intakes for the assessment of micronutrient status in children 51, 315, 1992

Vitamin and mineral supplementation and academic performance in schoolchildren 51, 303, 1992

Vitamin–mineral supplements and intelligence 51, 295, 1992

Interleukin-1

Metabolic responses to interleukin-1 (IL-1) are attenuated by dietary eicosapentaenoic (20:5 *n*-3) and docosahexaenoic (22:6 *n*-3) fatty acids in the rat 51, 98A, 1992

Interleukin-2

Glutamine promotes interleukin-2 production by concanavalin A-stimulated lymphocytes 51, 105A, 1992

Intestinal sac

Stimulation of trace element absorption by major metals in vitro 51, 61A, 1992

In vitro fermentation

In vitro fermentation of a galacto-oligosaccharide by human bacteria in continuous culture 51, 6A, 1992

Iron

Effect of ascorbic acid and lemon juice on tea-inhibited iron absorption in suckling rats 51, 62A, 1992

The effect of dietary iron levels on iron status and antioxidant enzymes in the rat 51, 12A, 1992

The transport of iron and copper across the cell membrane: different mechanisms for different metals? 51, 199, 1992

Isotope labelling

A multi-tracer investigation of the effect of a flooding dose administered during the constant infusion of tracer amino acid on the rate of tracer incorporation into human muscle protein 51, 109A, 1992

Bed rest decreases whole-body protein turnover in the post-absorptive state 51, 118A, 1992

Can energy expenditure be measured in critical illness using [¹³C]-labelled bicarbonate? 51, 124A, 1992

Correlation of albumin synthesis rates with the Child–Turcotte score (CTS) in patients with cirrhosis of the liver 51, 110A, 1992

- Limits of adaptation to a low-protein diet in normal adults: urea kinetics 51, 43A, 1992
- Measurement of whole-body protein turnover using [¹⁵N]-glycine as tracer fails to demonstrate changes in response to hyperinsulinaemia in post-absorptive man 51, 117A, 1992
- Stable isotope studies of short-term plasma zinc kinetics in normal human subjects 51, 59A, 1992
- Urea kinetics in free-living adults measured with a single-dose method 51, 42A, 1992
- Lactation**
- Breast and gut: the relationship between lactating mammary function and neonatal gastrointestinal function 51, 155, 1992
- Effects of dietary protein content during lactation on tissue protein synthesis in rats 51, 157A, 1992
- Effects of maternal tissue protein depletion at parturition on subsequent lactational performance in rats 51, 79A, 1992
- Performance of dairy cows of different genetic index offered diets differing in forage:concentrate ratio over a full lactation 51, 80A, 1992
- The influence of genotype, diet and stage of lactation on erythrocyte ATPase activity in dairy cattle 51, 87A, 1992
- Lean body mass**
- Anthropometric indices of lean body mass using ultrasound 51, 125A, 1992
- Linoleic acid**
- Smoking, and correlations between dietary fat and adipose tissue linoleate (18:2*n*-6) using a food frequency questionnaire (FFQ) 51, 26A, 1992
- Lipid deposition**
- The effect of triiodothyronine (T₃) treatment on dietary lipid deposition and oxidation in meal-fed and *ad lib.*-fed rats 51, 150A, 1992
- Lipid peroxidation**
- Influence of heated vegetable oils and α -tocopheryl acetate on susceptibility of chicken tissues to lipid peroxidation 51, 13A, 1992
- The effects of dietary lipid source on lipid peroxidation and damage to cardiac tissue induced by ischaemia and reperfusion 51, 14A, 1992
- Lipid synthesis**
- The effect of chronic dietary restriction on postprandial glycogen and lipid synthesis in the rat 51, 123A, 1992
- Lipogenesis**
- Effect of diet on human adipose tissue metabolism 51, 409, 1992
- Effects of diet on lipolysis and its regulation 51, 397, 1992
- Influence of diet on the development and regulation of lipogenic enzymes in adipose tissue 51, 387, 1992
- The indirect effects predicted by a model of adipose tissue metabolism 51, 148A, 1992
- Lipolysis**
- Effect of diet on human adipose tissue metabolism 51, 409, 1992
- Effects of diet on lipolysis and its regulation 51, 397, 1992
- Lipolysis, body composition and hormone levels during normal human pregnancy 51, 155A, 1992
- Low income**
- A pilot study to investigate nutritional deprivation among low-income households in London 51, 65A, 1992
- Lymphocytes**
- Glutamine promotes interleukin-2 production by concanavalin A-stimulated lymphocytes 51, 105A, 1992
- Lymphocyte protein synthesis: an in vivo measure of activation 51, 100A, 1992
- Magnesium**
- Absorption of water and solute in the human jejunum from sucrose-electrolyte solutions containing calcium and magnesium 51, 142A, 1992
- Magnetic resonance imaging**
- MRI estimates of changes in adipose tissue area with weight loss 51, 47A, 1992
- Malnutrition**
- Biochemical indices of malnutrition in middle-aged onset patients with Parkinson's disease 51, 129A, 1992
- Mammary gland**
- Effects of hyperinsulinaemia or vanadate on lipid partitioning between mammary gland and adipose tissue during lactation and weaning in the rat 51, 151A, 1992
- Manganese**
- Dose dependence of zinc and manganese absorption in man 51, 211, 1992
- Meal size**
- Gastrointestinal satiety in animals other than man 51, 1, 1992
- Meat intake**
- Effects of meat species and particle size on postprandial satiety 51, 57A, 1992
- Membrane metabolism**
- Effect of *trans* fatty acids on skeletal muscle membrane metabolism and viability 51, 15A, 1992
- Menstrual cycle**
- Nutritional influences on mood and cognitive performance: the menstrual cycle, caffeine and dieting 51, 343, 1992
- Plasma vitamin A and E levels in healthy young women 51, 22A, 1992
- Whole-body protein turnover in healthy young women at different stages of the menstrual cycle 51, 44A, 1992
- Metabolic control of intake**
- Metabolic aspects of satiety 51, 13, 1992
- Metabolic response to illness**
- Dietary manipulation of the inflammatory response 51, 285, 1992

- Modulating the metabolic response to injury and infection 51, 267, 1992
- The metabolic response to cancer 51, 279, 1992
- Microbial activity**
- Effects of galacto-oligosaccharides (TOS) on bacterial enzymic activities and metabolite production in rats associated with a human faecal flora 51, 7A, 1992
- Micronutrients**
- Micronutrient intake and psychological performance of schoolchildren: consideration of the value of calculated nutrient intakes for the assessment of micronutrient status in children 51, 315, 1992
- Milk**
- Factors affecting the freezing point depression of milk 51, 141A, 1992
- Milk choices in Saskatchewan, Canada: consumer behaviour and reasons for milk choice 51, 16A, 1992
- The influence of type of milk and breakfast cereal consumption on daily intake of fat and non-starch polysaccharide in university students 51, 17A, 1992
- Ultrafiltered cow's milk as a milk substitute for rat pups 51, 40A, 1992
- Molybdenum**
- Effect of dietary molybdenum supplementation or depletion on *Nippostrongylus brasiliensis* infection in the rat 51, 143A, 1992
- Monoamine oxidase**
- The influence of chronic ethanol feeding on duodenal and hepatic monoamine oxidase (EC 1.4.3.4) in the rat 51, 9A, 1992
- Morbidity**
- Nutrition in cystic fibrosis: a historical overview 51, 225, 1992
- The effect of morbidity on the growth of stunted and non-stunted children 51, 84A, 1992
- The transport of vitamin C and effects of disease 51, 189, 1992
- NADPH-generating enzymes**
- The effects of dietary guar gum or soya fibre on the activities of some NADPH-generating enzymes in rats 51, 8A, 1992
- Naso-gastric catheters**
- A comparison of performance of five fine-bore naso-gastric feeding tubes 51, 135A, 1992
- Nematodes**
- Natural mixed nematode infections can induce sodium deficiency in grazing Finnish Landrace lambs 51, 144A, 1992
- Neonate**
- Absence of hypermetabolism following operation in the newborn infant 51, 115A, 1992
- Brown fat-specific mitochondrial uncoupling protein in adipose tissues of neonatal goats 51, 85A, 1992
- Effect of rearing neonatal lambs in a cold or warm environment on thermogenesis during slow-wave sleep 51, 82A, 1992
- Maternal and environmental influences on thermoregulation in the neonate 51, 165, 1992
- The effect of nutrition of the fetus and neonate on cardiovascular disease in adult life 51, 135, 1992
- Nippostrongylus brasiliensis***
- Effect of dietary molybdenum supplementation or depletion on *Nippostrongylus brasiliensis* infection in the rat 51, 143A, 1992
- Nitrogen balance**
- Effects of surgical trauma on muscle protein synthesis at local and distant sites 51, 101A, 1992
- Growth, nitrogen retention and peptiduria in TPN-fed rats receiving short-chain protein hydrolysates 51, 112A, 1992
- Insulin reduces leucine oxidation and improves nitrogen balance in the parenterally-fed state 51, 111A, 1992
- Nitrogen retention**
- Effect of manipulation of the efficiency of nitrogen retention by diet on plasma insulin-like growth factor-1 (IGF-1) concentration 51, 45A, 1992
- Nutrient deficiency**
- Nutrition in cystic fibrosis: a historical overview 51, 225, 1992
- Nutrient uptake**
- Effect of porcine somatotropin and insulin on nutrient uptake by the hindlimb of growing pigs 51, 35A, 1992
- Nutrients and disease prevention**
- Are there conflicts in dietary advice for prevention of different diseases? 51, 35, 1992
- Dietary advice: foods or nutrients? 51, 47, 1992
- Nutrition and development**
- Can nutritional indicators be used to measure economic development? 51, 107, 1992
- Jamaican studies in nutrition and child development, and their implications for national development 51, 71, 1992
- Nutrition and health development – lessons from Kerala 51, 81, 1992
- Nutrition and socio-economic development in Southeast Asia 51, 93, 1992
- Nutrition information and training: networking in international community nutrition 51, 105, 1992
- Nutrition education**
- Nutritional knowledge and attitudes towards nutrition education in medical students at Southampton University Medical School 51, 67A, 1992
- Nutritional deprivation**
- A pilot study to investigate nutritional deprivation among low-income households in London 51, 65A, 1992
- Nutritional indicators**
- Can nutritional indicators be used to measure economic development? 51, 107, 1992

Nutritional knowledge

Nutritional knowledge and attitudes towards nutrition education in medical students at Southampton University Medical School
51, 67A, 1992

Nutritional labelling

Nutritional information: do we know what we are eating?
51, 55, 1992

Nutritional status

Admission characteristics of elderly orthopaedic surgical patients categorized into high and low nutritional risk groups by objective tests of nutritional status
51, 130A, 1992

Food consumption and nutritional status of adolescents in Birmingham
51, 64A, 1992

Long-term follow-up of elderly orthopaedic surgical patients nutritionally assessed on admission to hospital
51, 131A, 1992

Nutritional influences on recovery and length of hospital stay in elderly women following femoral fracture
51, 132A, 1992

Nutritional status of subjects with middle-aged onset Parkinson's disease
51, 30A, 1992

Nutritional support assessment

Nutrition team audit
51, 95A, 1992

Nutrition–endocrine interrelations

Nutrition–endocrine interrelations and growth in suckled lambs
51, 81A, 1992

Obesity

Plasma beta-cell tropin in obese and normal children
51, 152A, 1992

The relationship of eating self-efficacy to weight change in obese hospital out-patients
51, 153A, 1992

Why do people get fat: is adipose tissue guilty?
51, 353, 1992

Oestrogen

Oestrogen production in human adipose tissue in vivo
51, 37A, 1992

Oestrogen excretion

No effect of dietary boron on urinary oestrogen excretion in rats
51, 25A, 1992

Oligosaccharides

Effects of galacto-oligosaccharides (TOS) on bacterial enzymic activities and metabolite production in rats associated with a human faecal flora
51, 7A, 1992

In vitro fermentation of a galacto-oligosaccharide by human bacteria in continuous culture
51, 6A, 1992

Ornithine α -ketoglutarate

Augmentation of plasma arginine and glutamine by ornithine α -ketoglutarate in healthy, enterally-fed volunteers
51, 119A, 1992

Orotic acid

5-Oxo-L-proline and orotic acid excretion during normal pregnancy
51, 36A, 1992

5-Oxo-L-proline

5-Oxo-L-proline and orotic acid excretion during normal pregnancy
51, 36A, 1992

Parenteral nutrition

A comparison of the efficacy of polyurethane and silastic fine bore catheters for the peripheral venous delivery of intravenous nutrition
51, 133A, 1992

A randomized comparison between peripheral ultra-fine bore silicone catheters and central silicone catheters for the delivery of high osmolality intravenous nutrition
51, 134A, 1992

Formulation of a glutamine-containing total parenteral nutrition mixture for clinical use
51, 136A, 1992

Growth, nitrogen retention and peptiduria in TPN-fed rats receiving short-chain protein hydrolysates
51, 112A, 1992

Insulin reduces leucine oxidation and improves nitrogen balance in the parenterally-fed state
51, 111A, 1992

Plasma amino acids and peptiduria during intravenous infusion of a short-chain ovalbumin hydrolysate, or its equivalent amino acid (AA) mixture, in man
51, 103A, 1992

The effect of alanyl-glutamine peptide supplementation on muscle protein synthesis in post-surgical patients receiving glutamine-free amino acids intravenously
51, 104A, 1992

Parkinson's disease

Biochemical indices of malnutrition in middle-aged onset patients with Parkinson's disease
51, 129A, 1992

Nutritional status of subjects with middle-aged onset Parkinson's disease
51, 30A, 1992

Raised resting energy expenditure in subjects with middle-aged onset of Parkinson's disease
51, 75A, 1992

The incidence and cause of weight loss in Parkinson's disease. An anthropometric study of eighty-five patients
51, 31A, 1992

Particle size

Effects of meat species and particle size on postprandial satiety
51, 57A, 1992

Phosphate transport

In vitro studies on transepithelial phosphate transport in the small intestines of goats and sheep
51, 60A, 1992

Polyunsaturated fatty acids

The effect of *n*-3 and *n*-6 polyunsaturated fatty acids on the T-cell function of healthy controls and weight-losing pancreatic cancer patients
51, 116A, 1992

The increase in *n*-3 fatty acids in plasma of humans consuming enriched eggs
51, 10A, 1992

Post-menopausal women

The effect of changes in dietary carbohydrate v. fat intake on 24 h energy expenditure and nutrient oxidation post-menopausal in women
51, 91A, 1992

Potassium

The effects of potassium deficiency on energy balance in the growing rat
51, 34A, 1992

Precursor cells

Dietary and other factors involved in the proliferation, determination and differentiation of adipocyte precursor cells 51, 379, 1992

Pregnancy

5-Oxo-L-proline and orotic acid excretion during normal pregnancy 51, 36A, 1992

Effect on birth weight of a community-based supplementation programme for pregnant Gambian women: first year results 51, 77A, 1992

Lipolysis, body composition and hormone levels during normal human pregnancy 51, 155A, 1992

Pre-menopause

Acid-base status of pre-menopausal vegetarian and omnivorous women 51, 32A, 1992

Protein depletion

Effects of maternal tissue protein depletion at parturition on subsequent lactational performance in rats 51, 79A, 1992

Protein distribution

Changes in tissue protein distribution in the rat after sequential injections of turpentine 51, 114A, 1992

Protein hydrolysate

Plasma amino acids and peptiduria during intravenous infusion of a short-chain ovalbumin hydrolysate, or its equivalent amino acid (AA) mixture, in man 51, 103A, 1992

Protein intake

Effects of dietary protein content during lactation on tissue protein synthesis in rats 51, 157A, 1992

Interaction between endotoxaemia and low protein intake on rat skeletal muscle contractile characteristics 51, 46A, 1992

Limits of adaptation to a low-protein diet in normal adults: urea kinetics 51, 43A, 1992

The effect of breed (Large White \times Landrace *v.* purebred Meishan) on the diets selected by pigs given a choice between two foods that differ in their crude protein contents 51, 156A, 1992

The effect of force-feeding various levels of protein on diet selection and growth of broiler chickens 51, 56A, 1992

Protein synthesis

A multi-tracer investigation of the effect of a flooding dose administered during the constant infusion of tracer amino acid on the rate of tracer incorporation into human muscle protein 51, 109A, 1992

Effects of dietary protein content during lactation on tissue protein synthesis in rats 51, 157A, 1992

Effects of surgical trauma on muscle protein synthesis at local and distant sites 51, 101A, 1992

Glutamine increases protein synthesis in heart, skeletal muscle, liver and gut of dexamethasone-treated rats 51, 106A, 1992

Lymphocyte protein synthesis: an *in vivo* measure of activation 51, 100A, 1992

The effect of alanyl-glutamine peptide supplementation on muscle protein synthesis in post-surgical patients receiving glutamine-free amino acids intravenously 51, 104A, 1992

Protein turnover

Bed rest decreases whole-body protein turnover in the post-absorptive state 51, 118A, 1992

Effect of Ibuprofen on the acute-phase response and whole-body protein turnover of weight-losing cancer patients 51, 99A, 1992

Measurement of whole-body protein turnover using [¹⁵N]-glycine as tracer fails to demonstrate changes in response to hyperinsulinaemia in post-absorptive man 51, 117A, 1992

Whole-body protein turnover in healthy young women at different stages of the menstrual cycle 51, 44A, 1992

Pyridoxine

The effect of pyridoxine deficiency on copper status in male and female rats 51, 24A, 1992

Respiratory quotient

Changes in basal metabolic rate, fasting respiratory quotient and body fat following energy supplementation of chronically-undernourished individuals 51, 90A, 1992

The influence of respiratory quotient and serum lipid levels on thermic effect of continual enteral nutrition 51, 102A, 1992

Satiety

Effects of meat species and particle size on postprandial satiety 51, 57A, 1992

Gastrointestinal satiety in animals other than man 51, 1, 1992

Integration of internal and external signals in intake control 51, 21, 1992

Metabolic aspects of satiety 51, 13, 1992

Role of gastrointestinal factors in hunger and satiety in man 51, 7, 1992

Selenium

Progressive effects of selenium deficiency on the acute cold-induced stimulation of type II iodothyronine deiodinase activity in rat brown adipose tissue 51, 63A, 1992

Sepsis

The cytokine response to abdominal sepsis 51, 113A, 1992

Sir David Cuthbertson Medal Lecture

The mechanisms and treatment of weight loss in cancer 51, 251, 1992

Skeletal muscle

Interaction between endotoxaemia and low protein intake on rat skeletal muscle contractile characteristics 51, 46A, 1992

Slimming

Slimming with 5 MJ (1200 kcal): 58% *v.* 35% energy from carbohydrate 51, 146A, 1992

Slow-wave sleep

Effect of rearing neonatal lambs in a cold or warm environment on thermogenesis during slow-wave sleep 51, 82A, 1992

Small intestine

In vitro studies on transepithelial phosphate transport in the small intestines of goats and sheep 51, 60A, 1992

Smoking

Smoking, and correlations between dietary fat and adipose tissue linoleate (18:2*n*-6) using a food frequency questionnaire (FFQ) 51, 26A, 1992

The effect of cessation of smoking on eating patterns, energy intake and body-weight 51, 154A, 1992

The effect of smoking cessation on energy expenditure and body-weight 51, 48A, 1992

Socio-economic effects

Nutrition and socio-economic development in Southeast Asia 51, 93, 1992

Sodium

Natural mixed nematode infections can induce sodium deficiency in grazing Finnish Landrace lambs 51, 144A, 1992

Somatotropin

Effect of porcine somatotropin and insulin on nutrient uptake by the hindlimb of growing pigs 51, 35A, 1992

Manipulation of adiposity by somatotropin and β -adrenergic agonists: a comparison of their mechanisms of action 51, 419, 1992

Starch digestion

Ileal starch output in two groups of differing colonic cancer risk 51, 121A, 1992

Suckling

Nutrition–endocrine interrelations and growth in suckled lambs 51, 81A, 1992

Sugar intake

Intake and sources of sugar in the diet of pre-school children 51, 19A, 1992

Superoxide dismutase

Inhibition of ovine erythrocyte superoxide dismutase activity (ESOD; EC 1.14.1.1) in vivo by parenteral ammonium tetrathiomolybdate 51, 145A, 1992

Surgery

Absence of hypermetabolism following operation in the newborn infant 51, 115A, 1992

Admission characteristics of elderly orthopaedic surgical patients categorized into high and low nutritional risk groups by objective tests of nutritional status 51, 130A, 1992

Effects of major and minor surgery on plasma glutamine and cytokine concentrations 51, 107A, 1992

Effects of surgical trauma on muscle protein synthesis at local and distant sites 51, 101A, 1992

Long-term follow-up of elderly orthopaedic surgical patients nutritionally assessed on admission to hospital 51, 131A, 1992

The effect of alanyl-glutamine peptide supplementation on muscle protein synthesis in post-surgical patients receiving glutamine-free amino acids intravenously 51, 104A, 1992

The independent metabolic effects of anaesthesia and surgery 51, 97A, 1992

Tetrathiomolybdate

Inhibition of ovine erythrocyte superoxide dismutase activity (ESOD; EC 1.14.1.1) in vivo by parenteral ammonium tetrathiomolybdate 51, 145A, 1992

Thermogenesis

Effect of rearing neonatal lambs in a cold or warm environment on thermogenesis during slow-wave sleep 51, 82A, 1992

Integration of human and animal concepts of energy metabolism 51, 109, 1992

Thermoregulation

Maternal and environmental influences on thermoregulation in the neonate 51, 165, 1992

Tocopherol

Tocopherol transport and absorption 51, 179, 1992

Trace elements

Stimulation of trace element absorption by major metals in vitro 51, 61A, 1992

trans Fatty acids

Effect of *trans* fatty acids on skeletal muscle membrane metabolism and viability 51, 15A, 1992

Transcobalamin 1

Unusual behaviour of a vitamin B₁₂-binder, Transcobalamin 1, in cattle plasma 51, 23A, 1992

Transgenesis

Breeding and transgenesis as means of decreasing adiposity in farm animal species: practice and promise 51, 441, 1992

Transport processes

Dose dependence of zinc and manganese absorption in man 51, 211, 1992

Folate–vitamin B₁₂ interrelationships in the central nervous system 51, 219, 1992

The transport of iron and copper across the cell membrane: different mechanisms for different metals? 51, 199, 1992

The transport of vitamin C and effects of disease 51, 189, 1992

Tocopherol transport and absorption 51, 179, 1992

Triiodothyronine

The effect of triiodothyronine (T₃) treatment on dietary lipid deposition and oxidation in meal-fed and *ad lib.*-fed rats 51, 150A, 1992

Tumour necrosis factor- α

Effects of tumour necrosis factor- α (TNF- α) on lungs and liver in mice are modified by fats of varying saturated, monounsaturated and polyunsaturated fatty acid content 51, 88A, 1992

- Oleic acid as a determinant of the difference between the suppressive effects of coconut oil and butter on responses to tumour necrosis factor α (TNF α) in rats 51, 89A, 1992
- Turpentine injection**
Changes in tissue protein distribution in the rat after sequential injections of turpentine 51, 114A, 1992
- Ultrasound**
Anthropometric indices of lean body mass using ultrasound 51, 125A, 1992
- Urea kinetics**
Limits of adaptation to a low-protein diet in normal adults: urea kinetics 51, 43A, 1992
Urea kinetics in free-living adults measured with a single-dose method 51, 42A, 1992
- Vanadate**
Effects of hyperinsulinaemia or vanadate on lipid partitioning between mammary gland and adipose tissue during lactation and weaning in the rat 51, 151A, 1992
- Vegetarians**
Acid-base status of pre-menopausal vegetarian and omnivorous women 51, 32A, 1992
- Vitamin A**
Effect of vitamin A status on serum and tear immunoglobulins in children 51, 21A, 1992
Plasma vitamin A and E levels in healthy young women 51, 22A, 1992
The absorption of retinol in Bangladeshi children with ascariasis 51, 20A, 1992
- Vitamin B₁₂**
Folate-vitamin B₁₂ interrelationships in the central nervous system 51, 219, 1992
Unusual behaviour of a vitamin B₁₂-binder, Transcobalamin 1, in cattle plasma 51, 23A, 1992
- Vitamin C**
The transport of vitamin C and effects of disease 51, 189, 1992
- Vitamin E**
Plasma vitamin A and E levels in healthy young women 51, 22A, 1992
Tocopherol transport and absorption 51, 179, 1992
- Vitamin-mineral supplements**
Vitamin and mineral supplementation and academic performance in schoolchildren 51, 303, 1992
Vitamin-mineral supplements and intelligence 51, 295, 1992
- Water absorption**
Absorption of water and solute in the human jejunum from sucrose-electrolyte solutions containing calcium and magnesium 51, 142A, 1992
Gastric emptying and unidirectional water absorption of glucose solutions in man 51, 1A, 1992
- Weaning**
Effect of weaning foods on breast milk intake in Gambian infants 51, 78A, 1992
- Weight change**
The effect of cessation of smoking on eating patterns, energy intake and body-weight 51, 154A, 1992
The relationship of eating self-efficacy to weight change in obese hospital out-patients 51, 153A, 1992
- Weight loss**
MRI estimates of changes in adipose tissue area with weight loss 51, 47A, 1992
The incidence and cause of weight loss in Parkinson's disease. An anthropometric study of eighty-five patients 51, 31A, 1992
- Work efficiency**
A new approach to the measurement activity and work efficiency in a whole-room indirect calorimeter 51, 70A, 1992
- Zinc**
Dose dependence of zinc and manganese absorption in man 51, 211, 1992
Gene expression and the metabolic role of zinc 51, 58A, 1992
Stable isotope studies of short-term plasma zinc kinetics in normal human subjects 51, 59A, 1992