[Continued from p. iv of wrapper]

Absorption of water and solute in the human jejunum from sucrose-electrolyte solutions containing calcium and magnesium. J. B. Leiper, F. Brouns & R. J. Maughan	142A
Effect of dietary molybdenum supplementation or depletion on Nippostrongylus brasiliensis infection in the rat.	
E. L. Ortolani, D. P. Knox, G. F. J. Newlands & N. F. Suttle	143A
Natural mixed nematode infections can induce sodium deficiency in grazing Finnish Landrace lambs.	
C. Oosterhuis, K. McLean & N. F. Suttle	144A
Inhibition of ovine erythrocyte superoxide dismutase activity (ESOD; EC 1.14.1.1) in vivo by parenteral ammonium tetrathiomolybdate. N. F. Suttle, J. Brebner, J. Small & K. McLean	145A
Slimming with 5 MJ (1200 kcal): 58% v. 35% energy from carbohydrate. M. E. J. Lean, A. Avenell, I. A. Ross, T.	
Richmond, T. Nicholson & T. Prvan	146A
Insulin-like growth factor-1 and the fibroblast growth factors as autocrine/paracrine regulators of adipocyte	
precursor DNA synthesis. S. C. Butterwith, C. D. Peddie, C. Goddard, I. E. O'Neill, J. Boswell & D. Burt	147A
The indirect effects predicted by a model of adipose tissue metabolism. J. I. Davies and B. M. Grail	148A
Factors stimulating proliferation of sheep adipocyte precursor cells. Kathryn S. Adams, D. J. Flint & R. G. Vernon	149A
The effect of triiodothyronine (T ₃) treatment on dietary lipid deposition and oxidation in meal-fed and ad libfed	
rats. Martha L. Cruz & Dermot H. Williamson	150A
Effects of hyperinsulinaemia or vanadate on lipid partitioning between mammary gland and adipose tissue during	
lactation and weaning in the rat. Teresa H. M. Da Costa & Dermot H. Williamson	151A
Plasma beta-cell tropin in obese and normal children. J. L. Morton & A. Salvatoni	152A
The relationship of eating self-efficacy to weight change in obese hospital out-patients. K. W. Carr & A. W.	
Gardner	153A
The effect of cessation of smoking on eating patterns, energy intake and body-weight. Mary Cursiter, M. Holmes, & Sheila Jennett	154 <i>A</i>
Lipolysis, body composition and hormone levels during normal human pregnancy. Doris M. Campbell & M. A.	1347
Radcliffe	155A
The effect of breed (Large White × Landrace v. purebred Meishan) on the diets selected by pigs given a choice	
between two foods that differ in their crude protein contents. I. Kyriazakis & K. Leus	156A
Effects of dietary protein content during lactation on tissue protein synthesis in rats. A. P. Pine, N. S. Jessop, G. F.	
Allan & J. D. Oldham	157A

The Proceedings of the Nutrition Society

CVMPOCITIM PROCEEDINGS

VOL. 51 No. 3 DECEMBER 1992

CONTENTS

SYMPOSIUM PROÇEEDINGS	
University of Panding	PAGE
University of Reading 3 APRIL 1992	
NUTRITION AND COGNITIVE EFFICIENCY	
Chairmen: R. Shepherd, AFRC Institute of Food Research, Reading D. A. Booth, School of Psychology, University of Birmingham	
And the state of t	205 202
Vitamin-mineral supplements and intelligence. David Benton Vitamin and mineral supplementation and academic performance in schoolchildren. Michael Nelson	295-302 303-313
Micronutrient intake and psychological performance of schoolchildren: consideration of the value of calculated	000 010
nutrient intakes for the assessment of micronutrient status in children. Susan Southon, A. J. A. Wright, P. M.	315-324
Finglas, Angela L. Bailey & Joanne L. Belsten Use and effects of food and drinks in relation to daily rhythms of mood and cognitive performance. Effects of	313-324
caffein, lunch and alcohol on human performance, mood and cardiovascular function. Andrew Smith, Anna	and the second
Kendrick & Andrea Maben Personal benefits from post-ingestional actions of dietary constituents. D. A. Booth, J. A. French, C. J. Wainwright	325–333
& A. J. H. Gatherer	335-341
Nutritional influences on mood and cognitive performance: the menstrual cycle, caffeine and dieting. Peter J.	212.251
Rogers, Stephen Edwards, Michael W. Green & Pauline Jas	343–351
Craigie College of Education, Ayr	
2/3 APRIL 1992 THE MANIPULATION OF ADIPOSITY	
Chairmen: P. Trayhurn, Rowett Research Institute, Aberdeen	
J. Oldham, Scottish Agricultural College, Penicuik	
Why do people get fat: is adipose tissue guilty? Margaret Ashwell	353-365
An evolutionary and functional view of mammalian adipose tissue. Caroline M. Pond	367–377
Dietary and other factors involved in the proliferation, determination and differentiation of adipocyte precursor cells. A. Cryer, S. E. Williams & J. Cryer	379-385
Influence of diet on the development and regulation of lipogenic enzymes in adipose tissue. Dominique Perdereau,	
Fabienne Foufelle, Betty Gouhot, Pascal Ferré & Jean Girard Effects of diet on lipolysis and its regulation. Richard G. Vernon	387-395 397-408
Effect of diet on human adipose tissue metabolism. Keith N. Frayn, Simon W. Coppack & Jennifer L. Potts	409-418
Manipulation of adiposity by somatotropin and β-adrenergic agonists: a comparison of their mechanisms of action.	110 101
Terry D. Etherton & Isabelle Louveau Immunological manipulation of adiposity. David J. Flint	419–431 433–439
Breeding and transgenesis as means of decreasing adiposity in farm animal species: practice and promise. H. D.	100 100
Griffin, N. D. Cameron & G. Bulfield	441-446
ABSTRACTS OF COMMUNICATIONS	
Craigie College of Education, Ayr	
23 APRIL 1992	
Site specific differences in the fetty said compacition of human advances to the D. C. C. L. D. L. L.	
Site-specific differences in the fatty acid composition of human adipose tissue. P. C. Calder, D. J. Harvey, J. Evans, C. M. Pond & E. A. Newsholme	138A
Adipose tissue fatty acids: risk factors for coronary heart disease (CHD)? C. Bolton-Smith, M. Woodward, R.	
Tavendale & H. Tunstall-Pedoe Lipid content and fatty acid profiles of pig meat. D. B. Lowe, A. J. Kempster, M. W. Fogden & C. F. White	139A 140A
Factors affecting the freezing point depression of milk. H. Mohammedi, P. C. Thomas & M. I. Barclay	141A
[Continued on p. iii of wrapper]	
© The Nutrition Society, 1992	
CAMBRIDGE UNIVERSITY PRESS	
The Pitt Building, Trumpington Street, Cambridge CB2 1RP	
40 West 20th Street, New York, NY 10011–4211, USA	
10 Stamford Road, Oakleigh, Victoria 3166, Australia	

Lamport Gilbert Ltd., Reading, England