

INDEX OF AUTHORS

Acheson, K. J.	281	Fears, R.	349	Nederbragt, H.	329
Arnaud, M. J.	281	Ford, M. A.	251	Njaa, L. R.	339
Asano, T.	389	Furuya, S.	389	Pahud, P.	281
Bagley, R.	251	Glover, J.	257	Pongpaew, P.	381
Belin, J.	367	Green, L. F.	251	Ravussin, E.	281
Bezwoda, W. R.	271	Heaf, D. J.	357	Sakamoto, K.	389
Bothwell, T. H.	271	Hughes, R. E.	385	Sayers, M. H.	271
Caldwell, B. J.	321	Hurley, R. J.	385	Schelp, F. P.	381
Charlton, R. W.	271	Jéquier, E.	281	Smith, A. D.	367
Chevalier, P.	375	Jones, E.	385	Stevenson, W. G.	289, 305
Cornu, A.	375	Kew, M. C.	271	Supawan, V.	381
Dauncey, M. J.	257	Large, S.	357	Takahashi, S.	389
Delpuech, F.	375	Lock, S.	251	Thanangkul, O.	381
Derman, D. P.	271	McCracken, K. J.	289, 305, 321	Torrance, J. D.	271
Disler, P. B.	271	MacPhail, A. P.	271	Tsang, W. M.	367
Doerner, A.	281	Murrell, E. A.	349		
Eddie, S. M.	289, 305				

FORTHCOMING PAPERS

The next issue of the *British Journal of Nutrition* will appear in May 1980. It is hoped to publish in it the following papers:

- Protein turnover in growing pigs. Effects of age and food intake. By P. J. REEDS, A. CADENHEAD, M. F. FULLER, G. E. LOBLEY and J. D. McDONALD
- Whole body and tissue protein synthesis in cattle. By G. E. LOBLEY, VIVIEN MILNE, JOAN M. LOVIE, P. J. REEDS and K. PENNIE
- The fate of ⁹⁹Mo sodium tetrathiomolybdate after duodenal administration in sheep: the effect on ceruloplasmin diamine oxidase activity and plasma copper. By J. MASON, M. LAMAND and C. A. KELLEHER
- Rumen bacterial protein synthesis and the proportion of dietary protein escaping degradation in the rumen of sheep. By J. R. MERCER, SARAH A. ALLEN and E. L. MILLER
- The formation of phosphopeptides and increase in soluble calcium in the small intestine of rats given a casein diet. By Y. S. LEE, T. NOGUCHI and H. NAITO
- Biotin status, blood pyruvate carboxylase (*EC* 6.4.1.1) activity and performance in broilers under different conditions of bird husbandry and diet processing. By C. C. WHITEHEAD and D. W. BANNISTER
- The validity of assessing changes in intestinal absorption mechanisms for dietary sugars with non-metabolizable analogues (glucalogues). By GABRIELLE SYME and R. J. LEVIN
- The response of serum 25-hydroxyvitamin D concentrations to vitamin D intake and insolation in sheep. By B. S. W. SMITH and H. WRIGHT

The British Journal of Nutrition

Volume 43 No. 2 March 1980

CONTENTS

- Obituary Notice (W. R. AYKROYD). By R. PASSMORE 245-250

Papers of direct relevance to CLINICAL AND HUMAN NUTRITION

- The effect on plasma lipids of the isoenergetic replacement of table sucrose by dried glucose syrup (maize-syrup solids) in the normal diet of adult men over a period of 1 year.
By SUSAN LOCK, M. A. FORD, R. BAGLEY and L. F. GREEN 251-256
- Metabolic effects of altering the 24 h energy intake in man, using direct and indirect calorimetry. By J. M. DAUNCEY 257-270
- Iron absorption from maize (*Zea mays*) and sorghum (*Sorghum vulgare*) beer. By D. P. DERMAN, T. H. BOTHWELL, J. D. TORRANCE, W. R. BEZWODA, A. P. MACPHAIL, M. C. KEW, M. H. SAYERS, P. B. DISLER and R. W. CHARLTON 271-280
- Carbohydrate utilization in obese subjects after an oral load of 100 g naturally-labelled [¹³C]glucose. By E. RAVUSSIN, ALLEGISE DOERNER, K. J. ACHESON, P. PAHUD, M. J. ARNAUD and E. JÉQUIER 281-288

Papers on GENERAL NUTRITION

- Energy and protein nutrition of early-weaned pigs. 1. Effect of energy intake and energy: protein on growth, efficiency and nitrogen utilization of pigs between 8-32 d.
By K. J. McCracken, S. M. EDDIE and W. G. STEVENSON 289-304
- Energy and protein nutrition of early-weaned pigs. 2. Effect of energy intake and energy: protein on energy utilization and body composition of pigs slaughtered at 32 d.
By K. J. McCracken, S. M. EDDIE and W. G. STEVENSON 305-320
- Studies on diurnal variations of heat production and the effective lower critical temperature of early-weaned pigs under commercial conditions of feeding and management. By K. J. McCracken and B. J. CALDWELL 321-328
- The influence of molybdenum on the copper metabolism of the rat at different Cu levels of the diet. By H. NEDERBRAGT 329-338
- A method for determination of unoxidized and total methionine in protein concentrates, with special reference to fish meals. By L. R. NJAA 339-348
- Tryptophan and the control of triglyceride and carbohydrate metabolism in the rat. By R. FEARS and ELSPETH A. MURRELL 349-356
- Seasonal changes in plasma retinol-binding holoprotein concentration in Japanese quail (*Coturnix coturnix japonica*). By J. GLOVER, D. J. HEAF and SUZANNE LARGE 357-366
- Levels of polyunsaturated fatty acids in lymphocytes of rats fed on diets varying in polyunsaturated fatty acid content. By W. M. TSANG, J. BELIN and A. D. SMITH 367-374

SHORT PAPERS

- The effect of iron-deficiency anaemia on two indices of nutritional status, prealbumin and transferrin. By F. DELPEUCH, A. CORNU and P. CHEVALIER 375-380
- α_2 HS-glycoprotein serum levels in protein-energy malnutrition. By F. P. SCHHELP, OUSA THANANGKUL, VENUS SUPAWAN and PRANEET PONGPAEW 381-384
- Dietary ascorbic acid and muscle carnitine in guinea-pigs. By R. E. HUGHES, R. J. HURLEY and ELERI JONES 385-388
- Estimation of in vivo digestibility with the laying hen by an in vitro method using the intestinal fluid of the pig. By K. SAKAMOTO, T. ASANO, S. FURUYA and S. TAKAHASHI 389-392