

Nutrition Research Reviews, published annually by Cambridge University Press, presents authoritative and critical reviews of research that advance new concepts and encourage fresh thinking on a variety of nutritional problems. The journal's main objective is to encourage the exchange of fundamental ideas on nutritional well-being. The subscription (excluding VAT) to volume 9, 1996, is £50 including postage (US \$90 in USA, Canada and Mexico).

The Proceedings of the Nutrition Society, published by Cambridge University Press, in part record meetings of the Symposium type, at which experts in a particular field are invited by Council to make contributions on specific parts of it and at which general discussion follows these invited contributions. The meetings also include sessions at which papers are communicated by members and others on original work. It is proposed at present to publish summaries of the papers read at each meeting, each communication being recorded in the Society's *Proceedings* by means of an abstract not exceeding in length 400 words or the equivalent space in print. The *Proceedings* are published three times a year.

The subscription (excluding VAT) to the *Proceedings* is £144.00 (US \$264.00 in USA, Canada and Mexico). Single issues are £53.00 (US \$98.00 in the USA, Canada and Mexico) each; postage extra.

Copying. This journal is registered with the Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923. Organizations in the USA who are also registered with C.C.C. may therefore copy material (beyond the limits permitted by sections 107 and 108 of the US copyright law) subject to payment to C.C.C. of the per-copy fee of \$11.00. This consent does not extend to multiple copying for promotional or commercial purposes. Code 0007-1145/96 \$11.00+.10. Organizations authorized by the Copyright Licensing Agency may also copy material subject to the usual conditions.

ISI Tear Sheet Service, 3501 Market Street, Philadelphia, Pennsylvania 19104, USA, is authorized to supply single copies of separate articles for private use only.

For all other use, permission should be sought from Cambridge or the American Branch of Cambridge University Press.

Information on *The British Journal of Nutrition* and all other Cambridge journals is available on <http://www.cup.cam.ac.uk/> and in North America on <http://www.cup.org/>.

INDEX OF AUTHORS

Baumann, M.	129	Hannigan, B. M.	97	Pierzynowski, S. G.	69
Beynen, A. C.	109	Harris, C. I.	57	Prentice, A. M.	33
Brink, E. J.	109	Hart, S. P.	69	Puchala, R.	69
Brockmeyer, N. H.	129	Hengge, U. R.	129	Revell, D.	47
Bryden, W. L.	81	James, W. P. T.	3	Sahlu, T.	69
Cena, H.	11	Leibholz, J.	81	Strain, J. J.	97
Connell, A.	47	Lemmens, A. G.	109	Tagliabue, A.	11
Deurenberg, P.	11	Lobley, G. E.	47	Thijssen, H. H. W.	121
Drittij-Reijnders, M. J.	121	McKerr, G.	97	Tong, K. K.	97
Ferro-Luzzi, A.	3	Maleša, R.	129	van de Ven, M. L. H. M.	33
Fraser, D. R.	81	Marx, J. J. M.	109	van der Meer, R.	109
Frayn, K. N.	1	Mathiesen, S. D.	21	Wang, Y. H.	81
Fuller, M. F.	57	Mnilk, B.	57	Wienk, K. J. H.	109
Goldberg, G. R.	33	Murgatroyd, P. R.	33		
Goos, M.	129	Olsen, M. A.	21		

VOL. 75 NO. 1 JANUARY 1996

The
British Journal
of Nutrition

CONTENTS

EditorialA time of change at the *British Journal of Nutrition*. Keith N. Frayn 1**Malnutrition assessment in emergencies**

Adult malnutrition: simple assessment techniques for use in emergencies. Anna Ferro-Luzzi & W. P. T. James 3

Multi-frequency impedance and body water

Comparative study of the relationship between multi-frequency impedance and body water compartments in two European populations. Anna Tagliabue, Hellas Cena & Paul Deurenberg 11

VFA production in minke whalesProduction rates of volatile fatty acids in the minke whale (*Balaenoptera acutorostrata*) forestomach. Monica Alterskjær Olsen & Svein Disch Mathiesen 21**Alcohol and the regulation of energy balance**

Alcohol and the regulation of energy balance: overnight effects on diet-induced thermogenesis and fuel storage. P. R. Murgatroyd, M. L. H. M. van de Ven, G. R. Goldberg & A. M. Prentice 33

Amino acid metabolism

The importance of transmethylation reactions to methionine metabolism in sheep: effects of supplementation with creatine and choline. G. E. Lobley, A. Connell & D. Revell 47

Lysine utilization by growing pigs: simultaneous measurement of protein accretion and lysine oxidation. Beatrix Mnilk, C. Ian Harris & Malcolm F. Fuller 57

Effect of local infusion of mimosine

Effects of mimosine administered to a perfused area of skin in Angora goats. R. Puchala, S. G. Pierzynowski, T. Sahlu & S. P. Hart 69

Effect of dietary fat on vitamin E requirement

Lipid peroxidation status as an index to evaluate the influence of dietary fats on vitamin E requirements of young pigs. Yao H. Wang, J. Leibholz, W. L. Bryden & D. R. Fraser 81

Copper deficiency and immunityThe effects of copper deficiency on human lymphoid and myeloid cells: an *in vitro* model. K. K. Tong, Bernadette M. Hannigan, George McKerr & John J. Strain 97**Effect of calcium carbonate on iron bioavailability**

Mechanism underlying the inhibitory effect of high calcium carbonate intake on iron bioavailability from ferrous sulphate in anaemic rats. K. J. H. Wienk, J. J. M. Marx, A. G. Lemmens, E. J. Brink, R. van der Meer & A. C. Beynen 109

Vitamin K distribution in man

Vitamin K status in human tissues: tissue-specific accumulation of phyloquinone and menaquinone-4. H. H. W. Thijssen & M. J. Drittij-Reijnders 121

Oxymetholone for weight gain in HIV infection

Oxymetholone promotes weight gain in patients with advanced human immunodeficiency virus (HIV-1) infection. Ulrich R. Hengge, Mathias Baumann, Rolf Maleßa, Norbert H. Brockmeyer & Manfred Goos 129

Letters to the Editors 139**Corrigendum** 149

CAMBRIDGE
UNIVERSITY PRESS



0007-1145(199601)75:1;1-Y