

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 £117.00 net (US \$229.00 in USA, Canada and Mexico). Single issues are £41.00 (US \$79.00 in the USA, Canada and Mexico) each; postage extra.

Copying. This journal is registered with the Copyright Clearance Center, 27 Congress Street, Salem, Mass. 01970. 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 \$5.00. This consent does not extend to multiple copying for promotional or commercial purposes. Code 0007-1145/94 \$5.00 + .00. 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.

INDEX OF AUTHORS

Beynen, A. C.	687, 701	Kiryama, S.	719	Saito, Y.	719
Bruley des Varannes, S.	675	Lee, A.	731	Salter, D. N.	661
Cashel, M.	753	Lee, J.	647	Schnee, M.	675
Cherbut, C.	675	Lemmens, A. G.	701	Sève, B.	661
Conning, D. M.	789	Losowsky, M. S.	789	Sieber, G. M.	775
Cortamira, N. O.	661	Morgan, L. M.	661	Sinclair, B. R.	647
Cranwell, P. D.	739	Moughan, P. J.	739	Southgate, D. A. T.	645
Darragh, A. J.	739	Muramatsu, T.	709	Stephen, A. M.	775
de Looy, A. E.	789	Nakajima, S.	709	Storey, D.	731
Delort-Laval, J.	675	Nakashima, H.	719	Treloar, B. P.	647
Fine, G. A.	789	Okumura, J.	709	Van Den Berg, G. J.	701
Firmin, C.	789	Ponter, A. A.	661	Webster, J.	789
Galmiche, J.-P.	675	Richards, I. D. G.	789	West, C. E.	687
Greenfield, H.	753	Rival, M.	675	Yu, S.	687, 701
Gurnsey, M. P.	647	Roodenburg, A. J. C.	687	Zumbe, A.	731

CONTENTS

Editorial	
Rate-limiting actions. <i>D. A. T. Southgate</i>	645-646
Food intake effects on energy and protein metabolism in the skin of sheep	
Effect of food intake on energy and protein metabolism in the skin of Romney sheep. <i>P. M. Harris, J. Lee, B. R. Sinclair, B. P. Treloar & M. P. Gurnsey</i>	647-660
Response of protein synthesis and hormonal status to energy and tryptophan intake	
The effects of energy source and tryptophan on the rate of protein synthesis and hormones of the entero-insular axis in the piglet. <i>A. A. Ponter, N. O. Cortamira, B. Sève, D. N. Salter & L. M. Morgan</i>	661-674
Small intestinal motility and the effects of dietary fibre on blood glucose	
Involvement of small intestinal motility in blood glucose response to dietary fibre in man. <i>Christine Cherbut, S. Bruley des Varannes, M. Schnee, Martine Rival, J.-P. Galmiche & J. Delort-Laval</i>	675-685
Interaction between vitamin A status and iron metabolism	
Comparison between time-dependent changes in iron metabolism of rats as induced by marginal deficiency of either vitamin A or iron. <i>Annet J. C. Roodenburg, Clive E. West, Shiguang Yu & Anton C. Beynen</i>	687-699
Interaction between ascorbic acid and copper	
Dietary ascorbic acid lowers the concentration of soluble copper in the small intestinal lumen of rats. <i>G. J. Van Den Berg, S. Yu, A. G. Lemmens & A. C. Beynen</i>	701-707
Gut microflora and energy metabolism in chicks	
Modification of energy metabolism by the presence of the gut microflora in the chicken. <i>T. Muramatsu, S. Nakajima & J. Okumura</i>	709-717
Fermentability of maize husks in the caeca of rats	
Evaluation of fermentability of acid-treated maize husk by rat caecal bacteria <i>in vivo</i> and <i>in vitro</i> . <i>Hiroshi Hara, Yutaka Saito, Hiroshi Nakashima & Shuhachi Kiriya</i>	719-729
Breath hydrogen responses to bulk sweeteners	
Breath hydrogen after ingestion of the bulk sweeteners sorbitol, isomalt and sucrose in chocolate. <i>Adam Lee, Albert Zumbe & David Storey</i>	731-737
Absorption of lysine and methionine from the colon	
Absorption of lysine and methionine from the proximal colon of the piglet. <i>Alison J. Darragh, Peter D. Cranwell & Paul J. Moughan</i>	739-752

continued on page facing inside back cover

For Index of Authors see inside back cover

CAMBRIDGE
UNIVERSITY PRESS



0007-1145(199405)71:5;1-S