

**Directions to Contributors - Concise Version**

The *British Journal of Nutrition* publishes original papers, review articles, technical notes and short communications in English in all branches of nutrition. The geographical scope of the journal is international. As a contributor you should note and follow the guidelines set out below. For further information on how the technical content of your paper should be presented please see the **Directions to Contributors** as reproduced in the first issue of a recent volume of the *British Journal of Nutrition* (January or July), or contact the Editorial Office on +44 (0)171 371 6225 (telephone) or +44 (0)171 602 1756 (fax) or [i.sambrook@nutsoc.org.uk](mailto:i.sambrook@nutsoc.org.uk) (e-mail).

**Papers should be accompanied by a signed statement to the effect that the author accepts the conditions laid down in the full Directions to Contributors.**

Contributors of accepted articles will be asked to assign their copyright, on certain conditions, to The Nutrition Society to help protect their material.

**Page format.** The *British Journal of Nutrition* is printed in double-column format (column width of 85 mm) with a text area of 235 x 177 mm.

**Text.** Papers should be typed, on one side of the paper only, with double line spacing and ample margins (at least 1.5 cm) on each side and with no underlining or bold in text except for scientific names. Draft-quality print from a word-processor is not acceptable. Standard abbreviations (e.g. Fig. and Figs) and SI units must be used. **When a paper has been accepted, word-processed text stored on floppy disk is encouraged, providing the software is IBM/DOS compatible, but floppy disks must be accompanied by a hard copy. This will enable papers to be handled rapidly, and with fewer typesetting errors.**

**Abstract.** Each paper must commence with a carefully prepared, accurate, informative abstract, in one paragraph, that is complete in itself and intelligible without reference to text or figures. It should not exceed 250 words. A short title of up to 45 characters should be provided as a running head.

**Key Words.** Authors should supply two or three key words or phrases (each containing up to three words) on the title page of the typescripts.

**Tables.** Tables should be reduced to the simplest form, and should not be used where text or illustrations give the same information. They should be submitted on separate sheets at the end of the article and must carry headings describing their content that are comprehensible without reference to the text.

**Illustrations.** The original illustrations should accompany the manuscript for submission. Text figures, line drawings, computer-generated figures and graphs should be of sufficient size and quality to allow for reduction by half or two-thirds. Half-tone photographs are acceptable where they are a real contribution to the text. Figure captions should be typed on a separate sheet and numbered corresponding to the relevant Figures.

**References.** References must be based on the name and year (Harvard) system; **give full journal titles** and conform to the following styles:

Hollman PCH, Devries JHM, Vanleeuwen SD, Mengelers MJB & Katan MB (1995) Absorption of dietary quercetin glycosides and quercetin in healthy ileostomy volunteers. *American Journal of Clinical Nutrition* **62**, 1276-1282.

Elia M (1992) Organ and tissue contribution to metabolic rate. In *Energy Metabolism: Tissue Determinants and Cellular Corollaries*, pp. 61-77 [J Kinney and H Tucker, editors]. New York: Raven Press.

Wilmore JH & Costill DL (1994) *Physiology of Sport and Exercise*. Champaign, IL: Human Kinetics.

Citation of authors in the text should appear in the form: Polaszek (1990) or (Polaszek, 1990). More than one author should be cited in chronological order as: (Holloway *et al.* 1987; Walker & Huddleston, 1988).

**Proofs.** Two sets of page proofs will be provided to authors for checking; one set should be returned as promptly as possible to Dr I.E. Sambrook, Executive Editor, The British Journal of Nutrition, The Nutrition Society, 10 Cambridge Court, 210 Shepherds Bush Road, London W6 7NJ, UK.

**Manuscripts.** Four complete copies of the manuscript together with the original artwork should be submitted to:

**Dr Keith N Frayn**  
**Editor-in-Chief**  
**The British Journal of Nutrition**  
**The Nutrition Society**  
**10 Cambridge Court**  
**210 Shepherds Bush Road**  
**London W6 7NJ**  
**UK**

**Telephone:** +44 (0) 171 371 6225  
**Fax:** +44 (0) 171 602 1756  
**E-mail:** [i.sambrook@nutsoc.org.uk](mailto:i.sambrook@nutsoc.org.uk)

Vol. 79 No. 2 February 1998

**Contents****Invited Commentary**

- Gene–nutrient interactions: an important area for consideration.  
*Christine M. Williams* 115

**Review Article**

- Utilization of lipids during exercise in human subjects: metabolic and dietary constraints.  
*Fred Brouns & Ger J. van der Vusse* 117–128

**Short Communication**

- Free amino acids in milks of human subjects, other primates and non-primates.  
*G. Sarwar, H. G. Botting, T. A. Davis, P. Darling & P. B. Pencharz* 129–131

**Human and Clinical Nutrition**

- Apolipoprotein E genotype modulates the effect of black tea drinking on blood lipids and blood coagulation factors: a pilot study.  
*Alexandre Loktionov, Sheila A. Bingham, Hester Vorster, Johann C. Jerling, Shirley A. Runswick & John H. Cummings* 133–139
- The effect of triacylglycerol-fatty acid positional distribution on postprandial metabolism in subcutaneous adipose tissue.  
*Lucinda K. M. Summers, Barbara A. Fielding, Vera Ilic, Paul T. Quinlan & Keith N. Frayn* 141–147
- Intestinal absorption of  $\beta$ -carotene, lycopene and lutein in men and women following a standard meal: response curves in the triacylglycerol-rich lipoprotein fraction.  
*M. E. O'Neill & D. I. Thurnham* 149–159

**Animal Nutrition**

- Enzyme activities of rumen particles and feed samples incubated *in situ* with differing types of cloth.  
*Pekka Huhtanen, Aila Vanhatalo & Tuomo Varvikko* 161–168

**General Nutrition**

- Prediction of the chemical composition of lamb carcasses from multi-frequency impedance data.  
*R. S. Hegarty, M. J. McPhee, V. H. Oddy, B. J. Thomas & L. C. Ward* 169–176
- Compensatory nutrition-directed mammary cell proliferation and lactation in rats.  
*S. H. Kim, Y. S. Moon, W. L. Keller & C. S. Park* 177–183
- Cholesterol lowering in pigs through enhanced bacterial bile salt hydrolase activity.  
*I. De Smet, P. De Boever & W. Verstraete* 185–194
- The effect of different dietary fatty acids on lipoprotein metabolism: concentration-dependent effects of diets enriched in oleic, myristic, palmitic and stearic acids.  
*Andrew M. Salter, E. Heather Mangiapane, Andrew J. Bennett, Jennifer S. Bruce, Michael A. Billett, Kay L. Anderton, Christine B. Marenah, Nigel Lawson & David A. White* 195–202
- Comparison of short- and long-term effects of different dietary fats on the hepatic uptake and metabolism of chylomicron remnants in rats.  
*Marc S. Lambert, Michael A. Avella, Kathleen M. Botham & Peter A. Mayes* 203–211
- Lipid accumulation in obese Zucker rats is reduced by inclusion of raw kidney bean (*Phaseolus vulgaris*) in the diet.  
*A. Pusztai, G. Grant, W. C. Buchan, S. Bardocz, A. F. F. U. de Carvalho & S. W. B. Ewen* 213–221

**Corrigendum**

223

**Announcements**