

DIRECTIONS TO CONTRIBUTORS

GENERAL

Two copies of manuscripts should be sent to Dr M. E. Sharpe (*The Journal of Dairy Research*), Food Research Institute, Reading, Shinfield, Reading, RG2 9AT, U.K. Submission of a paper will be held to imply that it reports unpublished original work, that it is not under consideration for publication elsewhere, and that if accepted for the *Journal* it will not be published elsewhere in any language, without the consent of the Editors.

FORM OF PAPERS

The author should follow these directions carefully, and consult a current issue of the *Journal* for guidance on details of typographical and other conventions.

Every paper should be headed with its title, the names and initials of the authors (each author supplying one given name) and the name and address of the laboratory where the work was done.

Papers should be in English, using the spelling of the *Shorter Oxford English Dictionary*. They should be typed with double spacing, on one side only of the sheets, and with ample margins for editorial annotations.

Papers should in general be divided into the following parts in the order indicated: (a) Summary, brief and self-contained; (b) Introductory paragraphs, briefly explaining the object of the work but without giving an extensive account of the literature; (c) Experimental or Materials and Methods; (d) Results; (e) Discussion and Conclusions; (f) Acknowledgements, without a heading; (g) References. With some types of material headings other than (c), (d) and (e) may be preferable.

The use of footnotes should be avoided if possible. Underlining should be used only to indicate italics. Proper nouns, including trade names, should be given a capital initial letter. Manufacturers or suppliers of materials and equipment, with their addresses, should be given. The typescript should carry the name and address of the person to whom the proofs are to be sent, and give a shortened version of the paper's title, not exceeding 45 letters and spaces, suitable for a running title in the *Journal*.

TABLES

Tables should be numbered and should carry headings describing their content. They should be comprehensible without reference to the text. They should be typed on separate sheets and their approximate positions in the text indicated. *To minimize the cost of printing, the number and size of tables should be kept to an absolute minimum.*

ILLUSTRATIONS

Line drawings and photographs, which must be originals, should be numbered as Figures in Arabic numerals. Drawings should be in Indian ink, on Bristol board or cartridge paper. However, a technique which may be more convenient to authors is to use a double-sized folded piece of tracing paper, or translucent graph paper with the drawing on one half and the other half acting as a flyleaf. *There should be no lettering or numerals on the drawing itself.*

Attached to every figure there should be a translucent flyleaf cover on the outside of which should be written legibly: (a) title of paper and name of author; (b) figure number; (c) the figures and lettering, which are intended

to appear on the finished block, in the correct positions relative to the drawing underneath. Each paper should have a separate typed sheet listing figure numbers with their legends, and the approximate positions of illustrations should be indicated in the text.

The photographs and diagrams should be about twice the size of the finished block and not larger overall than the sheets on which the paper itself is typed. For a figure measuring 250 mm × 150 mm all lines, axes and curves should be 0.4 mm thick, thus ———. Graph symbols in order of preference are ○ ●, △ ▲, □ ■, × +, and for a 250 mm × 150 mm graph the circles should be 3 mm in diam. The triangles should be equilateral of 3 mm side, and the squares also of 3 mm side. The crosses should have lines 3 mm long at right angles. Scale marks on the axes should be on the inner side of each axis and should be 3 mm long.

SHORT COMMUNICATIONS

Short communications or notes of not more than 2500 words or the equivalent space in print and without a summary will also be published.

REFERENCES

In the text, references should be quoted by whichever of the following ways is appropriate; Arnold & Barnard (1900); Arnold & Barnard (1900a); Arnold & Barnard (1900a, b); (Arnold *et al.* 1900). Give both names for two authors. For three or more authors give the first name *et al.* on all occasions, adding *a, b, etc.*, to the date if there is any ambiguity.

References should be listed alphabetically at the end of the paper. Titles of journals should be given in full, authors' names should be in caps and their initials included. Each reference should be punctuated and set out thus: ARNOLD, T. B., BARNARD, R. N. & COMPOUND, P. J. 1900 Title of paper. *Journal of Dairy Research* 18 158–165, and references to books should include names of authors, year of publication, title, names of editors, town of publication and name of publisher in that order, thus: ARNOLD, T. B. 1900 In *Dairying* (Ed. R. W. Brown) vol 1, pp. 5–11. London: Brown and Chester.

It is the duty of the author to *check all references.*

UNITS, SYMBOLS AND ABBREVIATIONS

SI units must be used, as explained in British Standards Institution publication BS 5555: 1981 (*Specification for SI units and recommendations for the use of their multiples and of certain other units*). Until SI units are widely understood, it is permissible to give the equivalent value in other units in parenthesis. Symbols and abbreviations used are those of British Standard 5775 *Specification for Quantities, Units and Symbols*.

DESCRIPTIONS OF SOLUTIONS

Normality and molarity should be indicated thus; N-HCl, 0.1 M-NaH₂PO₄. The term '%' means g/100 g solution. For ml/100 ml solution the term '% (v/v)' should be used and for g/100 ml solution the correct abbreviation is '% (w/v)'.

OFFPRINTS

Order forms giving quotations for offprints are sent to authors with their proofs.

CONTENTS

Foreword. G. C. CHEESEMAN and M. I. GURR	pages 345-346
ORIGINAL ARTICLES	
Effect of serotonin on the motility of smooth muscles in teats of lactating cows G. VANDEPUTTE-VAN MESSOM, C. BURVENICH and G. PEETERS	347-353
An examination of teat drying with disinfectant impregnated cloths on the bacteriological quality of milk and on the transfer of <i>Streptococcus agalactiae</i> before milking C. H. MCKINNON, T. M. HIGGS and A. J. BRAMLEY	355-359
Effect of reaming the papillary duct of cows' teats on keratin removal and penetrability of the duct to implanted <i>Escherichia coli</i> endotoxin W. D. SCHULTZE and A. J. BRAMLEY	361-368
Plasmin activity and proteose-peptone content of individual milks J. SCHAAR	369-378
Effect of ACTH and oxytocin treatment on lactoferrin and citrate in cows' milk A. S. A. THOMAS and L. R. FELL	379-389
Chromatography of casein micelles and particles from homogenized milk on columns of controlled pore glass and large pore silica gel E. ROBSON, D. S. HORNE and D. G. DALGLEISH	391-400
Products of the heat-promoted reaction between urea and the protein fraction of bovine milk W. MANSON, T. CAROLAN and W. D. ANNAN	401-407
Epimerization of lactose to free lactulose in heated model milk solutions B. D. GREIG and G. A. PAYNE	409-417
Particle size distribution and calcium content of batch-precipitated acid casein curd: effect of precipitation temperature and pH M. S. JABLONKA and P. A. MUNRO	419-428
Effects of genetic variants of κ -casein and β -lactoglobulin on cheesemaking J. SCHAAR, B. HANSSON and H.-E. PETERSSON	429-437
Studies on the thermostability of lactase (<i>Streptococcus thermophilus</i>) in milk and sweet whey N. A. GREENBERG, T. WILDER and R. R. MAHONEY	439-449
Methods for making kefir and fermented milks based on kefir V. M. MARSHALL and W. M. COLE	451-456
Anaerobic digestion of deproteinated cheese whey J. DE HAAST, T. J. BRITZ, J. C. NOVELLO and E. W. VERWEY	457-467
REVIEW ARTICLE	
Deterioration of pasteurized milk on storage J. C. ALLEN and G. JOSEPH	469-487