

A Guide to Authors of Manuscripts for Lipids and for the Journal of the American Oil Chemists' Society

It is recognized that no rigid formula for preparation of manuscripts can be satisfactory for all experimental designs, procedures, results and conclusions. Although much of what follows may appear arbitrary, this document is a *guide* to authors. Except where explicitly indicated otherwise, the contents of the Guide should be regarded as suggestions to be followed to the extent possible and feasible, for the benefit of authors, editors, and especially readers.

No papers should be submitted whose principal contents have been published, or are being considered for publication by another journal. When accepted for publication, manuscripts become the property of The American Oil Chemists' Society, and may not be reproduced in part, or in whole, without written permission from the Director of Publications.

The content of a manuscript usually determines whether it should be submitted to *Lipids* or to *The Journal*. The format is the same for both publications, and both publish regular papers, short communications and letters to the editor. Short communications report significant but more limited observations than regular papers and, because of their brevity, usually can be published quickly. Letters to the editor provide new interpretations of published data or new features of equipment, instrumentation or techniques.

Lipids contains significant original findings of physical, chemical, biochemical, pharmacological and physiological characteristics of lipids, lipoproteins and other lipid complexes. It includes methods for identification, qualitative and quantitative analysis, and other forms of characterization of these substances. Reviews on timely topics will be published occasionally. Manuscripts are addressed to The Editor, *Lipids*, The Hormel Institute, 801 16th Avenue N.E., Austin, Minnesota 55912.

The *Journal* contains original papers and timely reviews of physical, chemical and processing data and methods for fats, waxes and related products such as fatty acids. It includes information on fat derivatives, detergents, paints, proteins and oilseed products. Symposia on any of these subjects may be published as a unit if a deadline for receipt of all papers is met. Manuscripts are addressed to The Editor, *Journal of the American Oil Chemists' Society*, Cargill, Inc., Cargill Building, Minneapolis, Minnesota 55402.

Submit three complete copies of the regular manuscript, short communication or letter to the editor, typed double-spaced. Consult a recent issue for acceptable arrangements of main headings, subheadings, literature references, footnotes and other elements of general form. More specific details of form are outlined below.

Preparation of Manuscript

For Regular Papers

Title Page. (Page 1 of your manuscript.)

Title: brief, and containing important words for indexing.

Authors: names and initials (without titles), laboratory name and address with zip code.

Cover Title (60 letters & spaces long) and **Running Head** (35 letters & spaces long): A condensation of the title of the paper will appear on the cover of the issue containing it. A similar (but shorter) condensation will appear at the top of each right hand page on which the paper is printed. In order to insure that these condensations best represent the work, the author should prepare them.

Page Proof Recipient's name and address.

Abstract. (Page 2 of your manuscript.) Maximum length

to be 5% of paper or 250 words for long papers; no literature references.

Key Words and Key Phrases. (Page 3 of your manuscript.) Suitable for use in indexing.

Text. (Page 4 and subsequent pages of your manuscript.)

Introduction: brief and informative with a few key references to orient readers.

Procedures: sufficient detail to permit other scientists to repeat or extend the experiments.

Results: organized to supplement, but not repeat, data in Tables and Figures and to present in narrative form equations, formulas and data for which Tables are unnecessary.

Discussion: to relate results to published studies and to present pertinent conclusions; may be combined with the Results section.

Acknowledgments. As a group, in simplest form, e.g., "Supported in part by research grants from _____ and _____; chromatographic analysis by John Doe; technical assistance by Jane Smith; advice from J. J. Jackson."

References. Listed by number in the order cited. Limit "in press" references to papers accepted for publication and cite the journal in which publication is scheduled. Mention unpublished work in text only, with "(unpublished)" after the author's name.

For Short Communications

Pages 1, 2 and 3, same as for regular papers. Page 4, Text, including Tables or Figures and references not to exceed two printed pages (about four pages of typed manuscript).

For Letters to the Editor

Usual letter style (see recent issues); maximum of four typed pages including data and literature references in text of letter.

For All Types of Manuscripts, Where Applicable

Tables. Each on a separate sheet, numbered (Roman) and titled, first word of column heads capitalized, units of expression under heads, superscripts a, b, c for footnotes.

Figures. Artwork must be of good quality.

Size: 8½ × 11 in. or less.

Paper: line drawings on white with black ink or glossy photographs, no black grids.

Letter Height: at least 4 mm or 2% of Figure width for single printed column or 1% for double column.

Lettering: with commercial lettering guide (typed or hand lettering not acceptable); minimal lettering on Figures.

Identity: Figure number and author(s) in soft pencil on back of Figure.

Figure Title Page: separate typed sheet for Figure numbers (Arabic), titles, key to lettering and explanatory details if necessary.

Formulas and Equations. Inked drawings for any which cannot be readily set in type.

Costs of Redrawing: at author's expense if Figures must be redrawn.

Equations: as $A = B/(C-D)$, not $A = \frac{B}{(C-D)}$, usually in text rather than as separate illustrations.

(Continued on page 33A)

North Central Section Completes Symposium Plans

The AOCs North Central Section's second meeting of the 1971-72 season was held at Josef's Restaurant, Hillside, Illinois, on Wednesday, November 17, 1971. Program Chairman R.G. Krishnamurthy of Kraftco reported on the progress of organizing the symposium for the January meeting. He then introduced the guest speaker, Dr. Lloyd A. Witting of the L.B. Mendel Research Laboratory, Elgin State Hospital, Elgin, Illinois.

Witting had chosen for his topic, "The Physiological Aspects of Vitamin E With Specific Reference to Aging." He reviewed the work that had been done on free radical mechanisms in vivo and the retardant effects of alpha tocopherol and other antioxidants in laboratory animals and man. A discussion of lipid peroxidation, polyunsaturated fatty acid content of membranes, and resultant requirements for antioxidants or alpha tocopherol followed.

Plans for the January symposium are now complete. It will be held at Josef's Restaurant, Hillside, Illinois, on January 26, 1972. Registration will be from 8:00-9:00 AM. The program is as follows: 9:00-9:45 AM—Phosphates in Foods—Their Use and FDA Status Stauffer Chemicals; 9:45-10:30 AM—Ester-Based Synthetic Lubricants—Properties and Performance, W.R. Grace & Co.; 10:45-11:30 AM—Codex Alimentarius—What It Means To U.S., J.B. Stine, Adviser to U.S. Delegation; 1:00-1:45 PM—Physical Properties of Triglycerides, Retrospect and Prospect, E.S. Lutton; 1:45-2:30 PM—Selectivity of Copper Containing Hydrogenation Catalysts, H.J. Dutton, USDA; 2:45-3:30 PM—Lipoxidase Method for *Cis-Cis* Polyunsaturated Fatty Acids, A Collaborative Study, David Firestone, FDA; 3:30-4:15 PM—Facts and Fictions of PCB, William Papegorge, Monsanto Corporation.

Registration fee for the symposium will be \$8.00, including the luncheon.

CALL FOR NOMINATIONS

AWARD OF MERIT

The Society Award of Merit is to be presented to qualified Society members at the Spring 1972 Meeting, Los Angeles, April 23-26, 1972.

The Award is given to recognize current and past achievements in serving the Society:

- (a) Active productive service to AOCs committee work.
- (b) Marked leadership in technical, administrative or special committee or Society activities.
- (c) Outstanding activity or service that has particularly advanced the Society's prestige, standing or interest.
- (d) Any distinguished service to the Society not herein otherwise specifically provided for.

Nominations shall cite the record of the nominee which qualifies him for the Award, and five copies of the nomination shall be submitted to James Lyon, Executive Director, American Oil Chemists' Society, 508 S. Sixth, Champaign, Illinois 61820 before February 21, 1972.

AOCs Member Forms New Engineering Firm

Announcement is made of the recent formation of new engineering consulting firm: Myers Roby Engineers, 2950 N. Water Street, Decatur, Ill. 62526. The organization has two principals: Noel W. Myers, chemical engineer and AOCs member, and Dennis E. Roby, civil and structural engineer. Both are registered professional engineers. Myers specializes in consulting and design engineering for processing facilities for soybean milling and vegetable oil refining activities. He has had 21 years experience in these activities associated with A.E. Staley Mfg. Co. and

Archer Daniels Midland Co. Roby and his design group executes the engineering drawings for a complete package plan for any new process or modification. Roby has had 10 years industrial experience with Chicago Bridge & Iron and in private practice in Illinois since 1967.

The new firm will specialize in the unit processes of oilseed extraction and the subsequent oil refining steps. Also air and water pollution problems are being dealt with in this agricultural processing field as well as in the chemical industries.

• Guide to Authors . . .

(Continued from page 31A)

Abbreviations. Without period or degree sign, e.g., ml, g, sec, 100 C or 373 K (for others see Style Manual for Biological Journals, 2nd Edition, Am. Institute of Biological Sciences, Washington, D.C., 1964).

Other Items of Form. Metric systems wherever feasible; decimals in preference to fractions; per cent symbol (%) only after numbers; characters subject to misinterpretation, e.g., Greek letters, spelled in margin; formal name and E.C. number for enzymes at first mention—trivial name subsequently, if more convenient; commercial products expressed by common name or scientific name (if one exists) followed by trade names in parentheses only if essential; promotional statements concerning commercial products are not accepted.

Procedure for Accepted Papers

Galley Proofs

Two copies and reprint order form are sent to author to be returned promptly. Authors may be charged for changes other than correction of printing errors.

Charge to Authors

Page charge (\$35 per printed page for *Lipids*, \$40 for *Journal*), on assumption of payment from author's supporting funds, accompanies galley proof. Payment provides reprints at lower price but is not mandatory for publication if funds are not available.

For the Author's Thought

The experienced reader appreciates the additional effort an author puts forth to present his work concisely and clearly because it permits the reader to gain the greatest return for the time he invests in reading. The author's success in this effort is a primary determinant of the time interval in which editors and reviewers complete their tasks, the alacrity with which acceptable manuscripts are published and the effectiveness of the service provided for progress in lipid science.