Statement of Scope

*Advances in Nutrition (AN/Adv Nutr)* publishes literature reviews focused on key findings and recent research in all areas of interest to nutritional scientists and biomedical researchers. This would include nutrition-related research efforts directed toward biochemical, molecular, and genetic studies utilizing experimental animal models, domestic animals, and human subjects. The other major foci of the journal are in clinical nutrition, epidemiology, and public health, and nutrition education. Review articles will focus on progress made during the past few years rather than research developments over a broad, historical timeframe.

In addition to review articles, *AN* will publish Perspectives, Letters to the Editor, and supplements. Supplement proposals must be approved by the editor prior to submission. *AN* also publishes reports and position papers from the American Society for Nutrition (ASN), summaries of major government and foundation reports, and Nutrient Information briefs which outline the dietary requirements, food sources, deficiencies, and other important information about the nutrient. All submitted material with scientific content will undergo peer review by the Editors or their designees before acceptance for publication.
Review Articles

Narrative and systematic review articles may be solicited by the editors, but unsolicited reviews will be considered for publication. If you have a concern about whether your topic fits within the scope of the journal, please contact the editor, Dr. Katherine Tucker, at katherine_tucker@uml.edu with information on the review topic and the expected length of the manuscript. All review articles undergo the same peer-review and editorial process as original research reports. These reviews generally provide a recent rather than historical review of the subject matter. Authors interested in publishing more extensive reviews should contact the editor before submitting the manuscript.

Perspectives

AN is now accepting “Perspectives” articles, which allow an author or set of authors to take a position on a topic of current major importance or controversy in the field of nutrition. Perspectives should be written within the context of an informed consideration of the state of the art of the topic. Views should be defended with published literature to the extent possible and should acknowledge alternative points of view.

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Supplements and Symposia

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- Figures and tables should be clearly labeled (Fig. 1, Fig 2, etc. or Table 1, Table 2, etc).

Manuscript Preparation

- Title page(s)
- Abstract
- Introduction
- Current status of knowledge
- Conclusions
• Acknowledgments
• References

A) Title page(s): The title page must include:

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• The names of all authors (first name, middle initial, last name) and their departmental and institutional affiliations. Indicate which authors are associated with which institutions by numbered footnotes.
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Below the abstract, provide and identify 5–10 keywords or short phrases, including the subject group, that will help to increase the discoverability of your manuscript; do not use adjectives. Terms that are fundamental to your manuscript but are not included in your manuscript title or abstract are especially important to include to increase discoverability by indexing services such as PubMed.

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D) Current status of knowledge or Methods and Results: Narrative reviews should include a “Current status of knowledge” section. This section of the review should focus on research efforts that have advanced our knowledge of this aspect of nutritional science and should carefully deal with divergent hypotheses when they exist.

Systematic reviews should include a Methods and Results section. A completed PRISMA (4) flow diagram must be submitted as a figure for publication in the review article, and a PRISMA checklist must be uploaded as a supplemental file for peer review.

E) Conclusions: Conclusions, discussion, problems, or areas for future research may be included.
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G) References: Number references, including web citations, consecutively in the order in which they are first mentioned in the text. References cited in tables, figures, or figure legends should be numbered according to the first citation of the table or figure in the text. Identify references in the text, tables, figures, and figure legends by Arabic numbers in parentheses.

The AN reference format is modified to be consistent with the International Committee of Medical Journal Editors (ICMJE) recommended format for bibliographic citations (5) with the following exception: references should include the names of all authors, unless there are more than 10, in which case list the first 10 plus "et al." The list of references must begin on a new page. Abbreviate journal names according to the National Library of Medicine (NLM) journal abbreviations format (6). References should be numbered consecutively in the order in which they are first mentioned in the text.

Authors may add to a reference, the DOI ("digital object identifier" number unique to the publication) for articles in press. It should be included immediately after the citation in References.

Personal communications, submitted manuscripts, and unpublished data cannot be included in the References section, but the full name of the person providing the information should appear parenthetically in the text. References in tables and figures: References cited for the first time in tables or figure legends should be numbered in order, based on the placement of the table or figure in text. Identify references in text, tables, and figure legends by Arabic numbers in parentheses.

Units of Measure
It is preferable that measurements conform to le Systeme Internationale d'Unites (SI) (7). The metric system and the Celsius scale (° C) are the preferred units of measurement, and where possible concentrations should be expressed on a molar basis.

SI conversions:
http://www.onlineconversion.com/
Clinical SI conversions:
http://dwjay.tripod.com/conversion.html

Abbreviations

Use standard abbreviations in AN papers without definition. An abridged list is in Appendix 1. Other common standard abbreviations are listed in Scientific Style and Format (8).

Each nonstandard (author-defined) abbreviation should be defined in the text at first mention. If three or more nonstandard abbreviations are used in the text, prepare an abbreviation footnote. The footnote should be associated with the first abbreviated term in the text and should be an alphabetized listing of all author-defined abbreviations and their definitions. Define all group designations parenthetically at first mention [for example, “control (CON) and high-fat (HF) groups”] Include definitions for these abbreviations in the abbreviation footnote.

All nonstandard abbreviations, including group designations, used in a table or table title must be defined alphabetically in a footnote to the table title. If the footnote to the table title contains multiple items, the definitions of the abbreviations should be the last item. If a table contains only one abbreviated term in the body of the table, then a separate footnote placed after that abbreviation should be used to define that term. Similarly, all nonstandard abbreviations, including group designations, used in a figure or figure legend must be defined alphabetically at the end of the figure legend.
Abbreviations should not be followed by a period. Use the standard abbreviations for SI
prefixes found in Young (7) and in Appendix 2 and those for units of measure in Appendix 3.

All gene and protein abbreviations should be defined at first use in the abstract, text, figures, and tables, and the abbreviations footnote on the title page should include definitions for them as well. Detailed information on formatting gene and protein symbols is available from The Journal of Nutrition’s Instructions for Authors: Genes and Proteins (9).

Nomenclature

Chemical and biochemical terms and abbreviations and identification of enzymes must conform to the recommended usage of the International Union of Biochemistry and Molecular Biology (10). Names for vitamins, related compounds, and abbreviations for amino acids should follow the ASN nomenclature policy (11, 12).

Tables and Figures

Cite tables and figures sequentially in the text with the first citation of each table and figure in bold font. Tables or figures adapted or reproduced from another source must acknowledge that source in a table footnote or the figure legend and be accompanied by written proof that the copyright bearer has granted permission to reproduce or adapt the table or figure. For additional information on using previously published tables or figures see Republishing Copyrighted Content.

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Tables should be included at the end of the manuscript file. Clearly indicate units of measure after the variable in rows, above the first value in each column, or centered over all columns to which the unit applies. For an illustrated guide to designing tables, visit the Table Checklist (13).

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Figure titles and legends should be compiled on one or more pages in the manuscript's DOC file and should not be on the figure itself. For figures with 2 or more panels, describe each panel in the legend, beginning with the panel letter. Each legend should contain enough detail to ensure that the figure is interpretable without reference to the text.

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