



# NUTRITION RESEARCH

An International Publication for Nutrition to Advance Food and Life Science Research

## AUTHOR INFORMATION PACK

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### DESCRIPTION

*Nutrition Research* publishes original research articles, communications, and reviews on basic and applied nutrition. The mission of *Nutrition Research* is to serve as the journal for global communication of nutrition and life sciences research on diet and health. The field of nutrition sciences includes, but is not limited to, the study of nutrients during growth, reproduction, aging, health, and disease.

Original research articles must declare a research hypothesis and include aspects of mechanisms. Reviews are open to systematic reviews and meta-analyses but the review must provide a critical analysis of existing nutrition evidence, identify gaps in knowledge, and include recommendations for future research. Communications are limited in length and preliminary data that addresses a potential mechanism is acceptable. Authors are encouraged to read and follow the [Guide for Authors](#) and [Author Submission Checklist](#)

Articles covering basic and applied research on all aspects of nutrition sciences are encouraged, including: nutritional biochemistry and metabolism; metabolomics, nutrient gene interactions; nutrient requirements for health; nutrition and disease; digestion and absorption; nutritional anthropology; epidemiology; the influence of socioeconomic and cultural factors on nutrition of the individual and the community; the impact of nutrient intake on disease response and behavior; the consequences of nutritional deficiency on growth and development, endocrine and nervous systems, and immunity; nutrition and gut microbiota; food intolerance and allergy; nutrient drug interactions; nutrition and aging; nutrition and cancer; obesity; diabetes; and intervention programs.

Another focus of the Journal is to publish research that advances the understanding of nutrients and health protectants in food for improving the human condition. Of interest are manuscripts on the development of biomarkers for assessing how dietary components influence health status in the human. A further publishing goal of *Nutrition Research* is to bridge the gap between clinicians working in nutrition and health and biomedical scientists engaged in areas of biochemistry and molecular and cell biology to improve health. Investigators doing research in these areas are urged to submit articles.

The Journal also encourages submission of manuscripts describing investigations in animal models and cell cultures that utilize methodologic approaches or techniques in biochemistry, immunology, molecular biology, toxicology, and physiology. Such investigations must include clear research objectives for hypothesis testing and elucidating mechanisms. Nutrient intakes in human populations and novel analytical techniques for bioactive compounds are within the scope of the mission for *Nutrition Research*.

*Nutrition Research* is the sponsor for the [David Kritchevsky Graduate Student Award](#), which recognizes graduate and professional students that publish outstanding articles in the Journal. Two awards are presented annually, with a US \$1,000 stipend presented to the recipient young scientists. Use of human subjects should include information about the subjects such as registered with [clinicaltrials.gov](https://clinicaltrials.gov). Please refer to <https://clinicaltrials.gov/>. Use of first person language should be used with regard to people with obesity. Please refer to <https://academic.oup.com/ajcn/article/108/1/201/5049689>. All animal studies that utilize dietary treatments must provide a table listing the ingredients in g/kg to total 1000. Please refer to the editorial <https://www.sciencedirect.com/science/article/pii/S0271531719302441>.

### **Benefits to authors**

Article-based publishing, rapid review, no page charges, free color images online, and other [author services](#).

## **AUDIENCE**

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Nutrition Scientists, Dietitians, Physicians, Biochemists, Epidemiologists.

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## GUIDE FOR AUTHORS

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### INTRODUCTION

*Nutrition Research* publishes research articles, communications, and reviews on all aspects of basic and applied **nutrition**. The mission of *Nutrition Research* is to serve as the journal for global communication of nutrition and life sciences research on **diet** and **health**. The field of **nutritional sciences** includes, but is not limited to, the study of nutrients during growth, reproduction, aging, and disease.

Articles covering basic and applied research on all aspects of nutritional sciences are encouraged, including: nutritional biochemistry and metabolism; metabolomics, nutrient and gene interactions; nutrient requirements in health and disease; digestion and absorption; nutritional anthropology and epidemiology; the influence of socioeconomic and cultural factors on nutrition of the individual and the community; the impact of nutrient intake on disease response, work performance and behavior; the consequences of nutritional deficiency on growth and development, endocrine and nervous systems, and immunity; food intolerance and allergy; nutrient drug interactions; nutrition and aging; nutrition and cancer; obesity; diabetes; and intervention programs.

A principal focus of the journal is to publish research that advances the understanding of **nutrients** and **health protectants** in food for improving the human condition. Of interest are manuscripts on the development of biomarkers for assessing how dietary components influence health status in the human.

The journal also encourages [submission](#) of manuscripts describing investigations in animal models and cell cultures that utilize methodologic approaches or techniques in biochemistry, immunology, molecular biology, toxicology, and physiology. Epidemiologic studies on nutrient and phytochemical intakes in human populations and novel analytical techniques for these compounds are within the scope of the mission for *Nutrition Research*.

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### BEFORE YOU BEGIN

*Submission Checklist*

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*Nutrition Research* has a policy to follow all aspects of publication ethics and depends on the authors of submitted manuscripts to provide complete information on conflict of interests for the execution of research and data collection. The editorial office and publishers of *Nutrition Research* rely on the authors and their respective institutions to follow the policies to preserve scientific integrity in research and support publication ethics. For information on Ethics in publishing and Ethical guidelines for journal publication see <https://www.elsevier.com/publishingethics> and <https://www.elsevier.com/journal-authors/ethics>.

#### **Declaration of interest**

All authors must disclose any financial and personal relationships with other people or organizations that could inappropriately influence (bias) their work. Examples of potential competing interests include employment, consultancies, stock ownership, honoraria, paid expert testimony, patent applications/registrations, and grants or other funding. Authors must disclose any interests in two places: 1. A summary declaration of interest statement in the title page file (if double-blind) or the manuscript file (if single-blind). If there are no interests to declare then please state this: 'Declarations of interest: none'. This summary statement will be ultimately published if the article is accepted.

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Submission of an article implies that the work described has not been published previously (except in the form of an abstract, a published lecture or academic thesis, see '[Multiple, redundant or concurrent publication](#)' for more information), that it is not under consideration for publication elsewhere, that its publication is approved by all authors and tacitly or explicitly by the responsible authorities where the work was carried out, and that, if accepted, it will not be published elsewhere in the same form, in English or in any other language, including electronically without the written consent of the copyright-holder. To verify originality, your article may be checked by the originality detection service [Crossref Similarity Check](#).

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### **Authorship**

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Please submit your article via [our online system, Editorial Manager](#)

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Please submit the names and institutional e-mail addresses of several potential referees. For more details, visit our [Support site](#). Note that the editor retains the sole right to decide whether or not the suggested reviewers are used.

## **PREPARATION**

Research articles and Reviews should generally not exceed 6000 words and Communications should not exceed 2,500.

Each manuscript submitted must provide a title page, list of abbreviations, abstract page, introduction, methods and materials, results, discussion, list of references, and appropriate presentation of data in tables and figures. In some cases, the results and discussion sections can be combined (e.g., communications).

Text must be in 12-point font (Times New Roman or Arial), double-spaced, with 1-inch margins. Consecutive line numbers must be included in the left margin, starting with the title page and ending with the reference section. Page numbers must be included in the bottom right-hand corner of each page. Text must be aligned to the left only and include 2 hard returns at the end of each paragraph, heading, and subheading.

Text should be clear and concise. Tables, figures and references must be cited in sequence in the text. Past tense should be used in reference to the work on which the paper is based, while present tense is normally limited to existing knowledge and prevailing concepts. Previous knowledge and new contributions should be clearly differentiated.

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This journal operates a single blind review process. All contributions will be initially assessed by the editor for suitability for the journal. Papers deemed suitable are then typically sent to a minimum of two independent expert reviewers to assess the scientific quality of the paper. The Editor is responsible for the final decision regarding acceptance or rejection of articles. The Editor's decision is final. [More information on types of peer review.](#)

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### **Article structure**

#### *Subdivision - numbered sections*

Divide your article into clearly defined and numbered sections. Subsections should be numbered 1.1 (then 1.1.1, 1.1.2, ...), 1.2, etc. (the abstract is not included in section numbering). Use this numbering also for internal cross-referencing: do not just refer to 'the text'. Any subsection may be given a brief heading. Each heading should appear on its own separate line.

#### *Glossary*

Please supply, as a separate list, the definitions of field-specific terms used in your article.

#### *Abbreviations and Symbols*

Use only standard abbreviations (Scientific Style and Format, The CBE Style Manual for Authors, Editors, and Publishers, 6th ed. Council of Biology, Chicago IL 1994). Abbreviations should not be used in the title or major headings. The full term for which an abbreviation stands for should precede its first use in the text.

## Appendices

If there is more than one appendix, they should be identified as A, B, etc. Formulae and equations in appendices should be given separate numbering: Eq. (A.1), Eq. (A.2), etc.; in a subsequent appendix, Eq. (B.1) and so on. Similarly for tables and figures: Table A.1; Fig. A.1, etc.

## Essential title page information

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Highlights should be submitted in a separate editable file in the online submission system. Please use 'Highlights' in the file name and include 3 to 5 bullet points (maximum 85 characters, including spaces, per bullet point).

## Abstract

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## Keywords

Immediately after the abstract, provide a maximum of 6 keywords, using American spelling and avoiding general and plural terms and multiple concepts (avoid, for example, 'and', 'of'). Be sparing with abbreviations: only abbreviations firmly established in the field may be eligible. These keywords will be used for indexing purposes.

## Experimental Diets

All studies that include experimental diets must provide a table that lists the ingredients and enough detail for the nutrient content of those diets. Reference to established diets (such as AIN 93G) is appropriate when the major ingredients are listed and the premix levels are provided (actual details of each vitamin and mineral source listed is not necessary in this case). Diets that are developed with different lipid sources should provide a fatty acid compositional analysis of the lipids. In addition, studies that test a botanical or phytochemical ingredient should provide enough chemical compositional analysis as well as the amount of the active compounds

## Statistical Methods

Tests of statistical analysis must be fully described. Statements about statistical significance of results must be accompanied by indications of the level of significance. This information must be included where numerical and graphic presentation of data is made in the manuscript in footnotes to tables and in the captions of figures rather than in the text only. Also in the statistical methods section of

the manuscript, indicate how the data are presented. For example, means - standard deviation must be shown. Always take special care to present only the significant figures for a measurement and appropriate sample size relevant to a power analysis

#### *Acknowledgements*

Collate acknowledgements in a separate section at the end of the article before the references and do not, therefore, include them on the title page, as a footnote to the title or otherwise. List here those individuals who provided help during the research (e.g., providing language help, writing assistance or proof reading the article, etc.).

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### **Tables**

- Must be numbered consecutively with Arabic numerals.
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- Use minimal horizontal lines and no vertical lines.
- Must have a description so that reader can understand the table without referring to the text.
- Must have an explanation of the values and statistics used for analysis of the data and properly referenced.
- Tables must be in an editable (word) file.

\* All studies that include experimental diets must provide a table that lists the ingredients and enough detail for the nutrient content of those diets. Reference to established diets (such as AIN 93G) is appropriate when the major ingredients are listed and the premix levels are provided (actual details of each vitamin and mineral source listed is not necessary in this case). Diets that are developed with different lipid sources should provide a fatty acid compositional analysis of the lipids. In addition, studies that test a botanical or phytochemical ingredient should provide enough chemical compositional analysis as well as the amount of the active compounds.

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