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These instructions are separated into five sections, each of which should be read carefully by authors before submitting their work to the *JCI*:

- Scope of publication
- Manuscript submission
- Policies
- Manuscript preparation and format
- Accepted manuscripts

Scope of publication

The *JCI* publishes original articles of the highest quality pertaining to the genetic, molecular, cellular, or physiological basis of human biology and disease. Single, complete papers are preferred to a series of interdependent ones. The *JCI* considers two types of manuscripts: Regular manuscripts, which require detailed presentation of methods and discussion, and Rapid Publication, shorter presentations of more narrowly focused but still scientifically rigorous studies. (For more information on Rapid Publication, see *Editorial policies and practices*.)

Manuscript submission

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Policies

Prior publication. The corresponding author must verify that the manuscript, including related data, figures and tables, has not been previously reported or published, that the manuscript is not under consideration elsewhere, and that it will not be submitted elsewhere while under review by the *JCI*. If any related

preliminary report (symposia, proceedings, transactions, books, invited articles, etc.) other than an abstract of 400 words or fewer has been published or submitted, a copy must accompany the submission. Related unpublished articles by any of the authors must be included for editors and reviewers and should be clearly marked to distinguish them from the actual manuscript.

Study protocols. All human and animal studies must have been approved by the authors' institutional review board. All patients referred to in human studies should be identified by number, not by name, and must have provided informed consent prior to inclusion in the study. All clinical investigation must have been conducted according to Declaration of Helsinki principles. Manuscripts without declaration of ethical approval for experiments included within the Methods section will not be accepted.

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Authors must submit original nucleotide or amino acid sequence data to GenBank, EMBL (European Molecular Biology Laboratory), or DDBJ (DNA Databank of Japan), or other appropriate, identified, publicly available database in general use in the field that gives free access to researchers from the date of publication; further information is available at <http://www.jci.org/misc/info.shtml>. Accession numbers should appear in the manuscript. Microarray data should be made freely available to academic researchers on authors' own web sites or other freely available web site (the URL to be provided in the paper) until a public database is available in accordance with the MIAME convention. Other supporting data sets must be made available to any interested reader on the publication date from the authors directly. Researchers who encounter a persistent refusal by an author of a paper to comply with these guidelines should contact the Executive Editor by e-mail at editors@the-jci.org.

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Manuscript preparation and format

Manuscripts should be double-spaced (including references, tables, and figure legends). Number all pages. **Length.** Manuscripts should not exceed 8,500 words, including all legends and references. **Style.** In general, authors should follow the Council of Biology Editors Style Manual. **Abbreviations.** Standard abbreviations may be used without definition. A list of *JCI* standard abbreviations is available at <http://www.jci.org/misc/abbreviations.shtml>. Nonstandard abbreviations should be spelled out on first use, followed by the abbreviated form in parentheses. Thereafter, they may be abbreviated without definition. On the title page, provide a list of all nonstandard abbreviations used. Undefined abbreviations must not be used. Abbreviate units of measure only when used with numbers.

Start each section (title page, abstract, introduction, methods, results, discussion, acknowledgments, references, figure legends, and tables) on a new page using the guidelines that follow.

Title page. List the manuscript title, first and last names of all authors, their departments, institutions, and full addresses where work was performed. Also include the institutional affiliation of each author, if different from where the work was performed. The complete name, address, telephone and fax numbers (including country code, where applicable), and e-mail address of the corresponding author must be provided.

Title. The manuscript title should be as concise as possible while conveying the essential conclusion of the paper. Titles must be no longer than 15 words. Subtitles, colons, and nonstandard abbreviations are unacceptable. The *JCI* reserves the right to reword titles, with the final approval of the authors.

Abstract. The abstract may not exceed 200 words and should state the rationale, objectives, findings, and conclusions of the manuscript. The abstract, like the title, should be written for the journal's general readership. Nonstandard abbreviations, references, and primary data should not be presented in abstracts. The *JCI* reserves the right to reword the abstract, with the final approval of the authors.

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Footnotes. Footnotes are used only in the author/affiliation section and within tables. Assign author/affiliation footnotes consecutively using superscript numbers (1, 2, 3, etc.). Assign footnotes to tables by superscript capital letters starting from A and continuing in alphabetical order.

References. Indicate references in the text by sequential numbers in parentheses (do not use superscript). In the Reference section, list references numbered in the order in which they appear in the text in the format shown below (note that the initials of the

authors always follow the surnames, and that there should be no space between two or more initials). Include all authors' names up to 10 authors (use et al. after the 10th author) and complete article titles. Indicate articles that are in press following the journal name. Abbreviate the names of journals according to PubMed (<http://www.ncbi.nlm.nih.gov/PubMed/jbrowser.html>). Spell out names of unlisted journals. Supply inclusive page numbers.

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The following are examples of references to common source types:

Journal articles

1. Yalow, R.S., and Berson, S.A. 1960. Immunoassay of endogenous plasma insulin in man. *J. Clin. Invest.* **39**:1157-1175.

In press

2. Gardner, W., and Schultz, H.D. 1990. Prostaglandins regulate the synthesis and secretion of the atrial natriuretic peptide. *J. Clin. Invest.* In press.

Complete books

3. Myant, N.B. 1981. *The Biology of Cholesterol and Related Steroids*. Heinemann Medical Books. London, United Kingdom. 882 pp.

Articles in books

4. Innerarity, T.L., Hui, D.Y., and Mahley, R.W. 1982. Hepatic apoprotein E (remnant) receptor. In *Lipoproteins and Coronary Atherosclerosis*. G. Nosedá, S. Fragiácomó, R. Fumagalli, and R. Paoletti, editors. Elsevier. Amsterdam, Holland. 173-181.

Abstracts

5. Packman, C.H., Rosenfeld, S.I., and Leddy, J.P. 1981. Inhibition of the C8/C9 steps of complement lysis by a high density lipoprotein (HDL) of human serum. *Fed. Proc.* **40**:967a. (Abstr.)

Figures. For online submissions, authors must present figures along with the manuscript text in a single PDF file. For submissions by mail, authors should provide disposable figures no larger than 8.5 by 11 inches. Detailed instructions for submissions by mail are available on the *Manuscript submission form*, available at <http://www.jci.org/misc/jcimsb.pdf>. High-resolution digital figures are not required to accompany online or mailed submissions, but authors should be prepared to supply them according to the specifications described in *Accepted manuscripts*. **Style:** Type appearing within figures (axis labels, for example) should be produced in Helvetica or similar typeface, and it must be of sufficient size and contrast to retain clarity if reduced in size. When using scale bars, please define scales in figure legends, not in the figures themselves. Use standard abbreviations whenever possible. Avoid gratuitous use of color for decorative effect, boxes around graphs and figures, and small type and symbols on large graphs. Whenever possible, do not place labels over any part of a color figure.

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Tables. All tables should be double-spaced on manuscript pages. Tables should be self-contained and self-explanatory. Provide brief titles and use superscript capital letters starting from A and continuing in alphabetical order for footnotes (see Footnotes section). Tables with sections (for example, Table 1a, 1b, 1c) are not acceptable.

Accepted manuscripts

The following items are of note to authors of accepted manuscripts, although all authors submitting their work to the *JCI* should be aware of the journal's policies regarding accepted manuscripts.

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