

Preparation of Manuscripts

(Revised January 2006)

Major changes for 2006

- All manuscripts must be submitted through the ACS Paragon System.

Hardcopy submissions of manuscripts and Supporting Information are no longer accepted.

- All manuscripts must include a Table of Contents (TOC) graphic.

Submission of Manuscripts

Web Submission

Manuscripts must be submitted via the Web, using the Submission Site on the *Biomacromolecules* home page via <http://pubs.acs.org/biomac>. In order to use Web submission, authors must be able to provide electronic versions of text, graphics, and Supporting Information (if included).

The manuscript submission site employs state-of-the-art security mechanisms to ensure privacy for all electronically submitted manuscripts. These same security mechanisms are also utilized throughout the peer review process, permitting access to only those editors and reviewers who are assigned to a particular manuscript.

Authors may also submit final, accepted manuscripts via the Submission Site.

The platforms and word processing packages supported at the Submission Site are listed at the *Biomacromolecules* Web edition homepage via <http://pubs.acs.org/biomac>.

Authors are asked, if possible, to embed graphics in text.

Please note: If the author chooses not to use the template, the text of the manuscript should be double spaced.

A mechanism is also provided for submitting an electronic cover letter to the Editor. The cover letter should address the criteria of significance and rapid disclosure and, if the author wishes, the name of the appropriate Associate Editor(s) and the names and addresses of recommended reviewers. The letter should also list any graphics for which color publication is required.

A copyright form is available for printing and completing and should be faxed or mailed to the assigned Editor's office (e-mailed forms are not accepted).

Authors will be sent a message by email acknowledging receipt of the manuscript.

Preparation of Manuscript

Authors should consult *The ACS Style Guide*, 2nd ed. (1997, available from Oxford University Press, Order Department, 201 Evans Road, Cary, NC 27513), for format guidance.

Any author who is not fully fluent in idiomatic English is urged to obtain assistance with manuscript preparation from a fluent colleague, as manuscripts with grammar deficiencies are sometimes handicapped during the scientific review process.

Any unusual hazards inherent in the chemicals, equipment, or procedures used in an investigation should be clearly identified in a manuscript reporting the work.

Registered trademarks should be capitalized whenever used. Trivial names for substances should not be capitalized; usually the chemical name or composition should be given in parentheses or in a footnote at the first occurrence of a trivial name.

Copyright. A properly completed Copyright Status Form must be provided for each submitted manuscript. A form is available from the Web site. The form must be faxed to the Editor or Associate Editor assigned to the manuscript (name, address, and fax number of the Editor or Associate Editor will be provided when the manuscript is assigned).

Table of Contents Graphic. A graphic must be included with each manuscript for the Table of Contents (TOC). This graphic should capture the reader's attention and, in conjunction with the manuscript title, should give the reader a quick visual impression of the essence of the paper without providing specific results. The TOC graphic should be in the form of a structure, graph, drawing, SEM/TEM photograph, or reaction scheme. Color is acceptable and will be free of charge upon approval of the Editor. The author must submit a graphic in the actual size to be used for the TOC that will fit in an area 1.375 in. high and 3.5 in. wide (3.6 cm × 8.9 cm). Larger images will be reduced to fit within those dimensions. Type size of labels, formulas, or numbers within the graphic must be legible. Tables or spectra are not acceptable. Provide the TOC graphic upon submission of the paper as the last page of the manuscript.

Title

Titles should clearly and concisely reflect the emphasis and content of the paper. Titles are of great importance for current awareness and information retrieval and should be carefully constructed for these purposes.

Author List

Bylines should include all those who have made substantial contributions to the work. To facilitate indexing and retrieval and for unique identification of an author, use first names, initials, and surnames (e.g., John R. Smith) or first initials, second names, and surnames (e.g., J. Robert Smith). At least one author must be designated with an asterisk as the author to whom correspondence should be addressed.

Abstract

All manuscripts must contain an abstract, not exceeding 150 words, which should provide a succinct, informative summation of the most important results and conclusions.

Experimental Section

The Experimental Section should provide a clear, unambiguous description of materials, methods, and equipment in sufficient detail to permit repetition of the work elsewhere. Repetitive descriptions of a general procedure should be avoided. Precautions for handling dangerous material or for performing hazardous procedures should be explicitly stated.

References and Footnotes

Literature citations and explanatory notes must be numbered in one consecutive series by order of mention in the text, with

the numbers presented as unparenthesized superscripts. Authors should consult *The ACS Style Guide*, 2nd ed. (1997, available from Oxford University Press, Order Department, 201 Evans Road, Cary, NC 27513), for the appropriate style to use in citations of journal papers, books, and other publications. In literature references, journal abbreviations should be those used by Chemical Abstracts [see *Chemical Abstracts Service Source Index (CASSI) 1907–1999 Cumulative*]. The accuracy of the references is the responsibility of the authors. Because subscribers to the Web edition of the journal are now able to click on the “CAS” tag following each reference to retrieve the corresponding abstract at Chemical Abstracts Service, reference accuracy is critical.

Artwork

General Considerations. Remove all color from graphics, except for those graphics that you would like to have considered for publication in color (see Color section below for details).

Insert your illustrations into the manuscript following the Web instructions for manuscript preparation. See <http://pubs.acs.org> for additional guidance.

The quality of the illustrations in your paper depends on the quality of the artwork originals you provided. Figures cannot be modified or enhanced by the journal production staff. **Artwork should be provided at the size at which it will be printed in the journal.** To ensure good quality production in the journal, a copy of each graphic should be printed (at the desired size in the final printed version) from a high-quality laser printer (600 dpi or higher) to verify that all parts of the artwork are clear and legible. Any changes to the artwork (including size changes) must be made in the drawing program that was used to create the artwork, and the revised artwork reimported into the manuscript.

Artwork may be categorized into structure blocks, equations (numbered reactions), charts, schemes, and figures. Within each category (except structure blocks), artwork should be sequentially numbered using Arabic numbers. Schemes and charts may have titles and footnotes; figures should have captions. Structures should be numbered with boldface Arabic numbers.

For ease of readability, the artwork should follow the first mention in the text. To achieve this, the artwork should be designed to use space efficiently so that it can be integrated into the layout of the manuscript where it is mentioned. One-column artwork is strongly recommended. Artwork that straddles two columns should be placed at the top of a page when the template is used.

Artwork should be constructed in keeping with the following journal column widths:

	Single (preferred)	Double
Width		
minimum	N/A	10.5 cm (4.1 in.)
maximum	8.5 cm (3.3 in.)	17.8 cm (7 in.)
Maximum Depth	24 cm (9.5 in.)	24 cm (9.5 in.)

Preparation. Artwork should be produced with a drawing program such as ChemDraw. Structure drawing preferences (preset in the ACS Stylesheet in ChemDraw) are as follows:

(1) As drawing settings select

chain angle	120 deg
bond spacing	18% of width
fixed length	14.4 pt (0.508 cm, 0.2 in.)
bold width	2.0 pt (0.071 cm, 0.0278 in.)
line width	0.6 pt (0.021 cm, 0.0084 in.)

margin	1.6 pt (0.056 cm, 0.0222 in.)
width	
hash spacing	2.5 pt (0.088 cm, 0.0347 in.)

(2) As text settings select

Font	Arial/Helvetica
Size	10 pt

(3) Under the preferences choose

Units	points
Tolerances	3 pixels

(4) Under page setup use:

Paper:	US Letter
Scale:	100%

(5) Using the ChemDraw ruler or appropriate margin settings, create structure blocks, schemes, and equations having maximum widths of 11.3 cm (one-column format) or 23.6 cm (two-column format). (Note: If the foregoing preferences are selected as centimeter values, the ChemDraw ruler is calibrated in centimeters.)

(6) Embolden compound numbers, but not atom labels or captions.

For artwork prepared in all other software packages, use the following guidelines:

Lettering should be no smaller than 4.5 points.

Use Helvetica or Arial type for lettering.

Lines should be no thinner than 0.5 point.

Lettering and lines should be of uniform density.

Use a simple cross-hatch design to show a pattern or to achieve a three-dimensional effect. Avoid the use of complex textures and shading. Do not submit color prints when black and white reproduction is required.

Color. Color reproduction, **if approved by the Editor**, will be provided at no cost to the author. Color illustrations should only be submitted if essential for clarity of communication. A surcharge of \$100 per 100 reprints will be added to the standard cost of reprints.

Tables

Tables should be numbered consecutively with Arabic numbers. Each table should include a descriptive heading that, together with the individual column headings, makes the table self-explanatory. Footnotes in tables should be given letter designations and be cited in the table by italic superscript letters. The sequence of letters should proceed by line rather than by column.

If a numbered reference is cited in a table, a lettered footnote should be inserted in the table that refers to the numbered reference. In setting up tabulations, authors are requested to keep in mind the type area of the journal page (17.8 × 25.0 cm) and the column width (8.5 cm) and to make tables conform to the limitations of these dimensions. When arranging data into columns, space should be used efficiently.

Supporting Information

All Supporting Information files must be submitted electronically through the ACS Paragon System. The Supporting Information format of this journal can accommodate and make readily available almost any type of supplementary figures or data (e.g., reproductions of spectra, experimental procedures, tabulated data, expanded discussion of peripheral findings). A paragraph should appear at the end of the paper indicating the nature of the material and the means by which the interested reader may obtain copies directly. Use the following format:

Supporting Information Available: Description of the material. This material is available free of charge via the Internet at <http://pubs.acs.org>.

Authors must submit crystallographic information in the Crystallographic Information File (CIF) format. The submissions should be made via electronic mail to cif.bm@acs.org. Authors need to combine multiple CIFs for a given manuscript into a single file. This will minimize the chance that files will get lost or associated with the wrong manuscript. The individual structures in the combined file are to be separated from each other by the sequence “====END” at the beginning of a line. The sequence “====END” should also be included after the last structure, even if only one structure is sent. Authors should not email CIFs until they know the manuscript number of the associated manuscript. They should include the manuscript number either on the “subject” line of the email message or as a comment at the top of the CIF. CIFs should be sent as ASCII text in the body of the email message, not as MIME or binhex attachments.

Nomenclature

Chemical Abstracts (CA) nomenclature rules are described in Appendix IV of the *Chemical Abstracts Index Guide*. For CA nomenclature advice, consult the Manager of Nomenclature Services, Chemical Abstracts Service, P.O. Box 3012, Columbus, OH 43210-0012. A name generation service is available for a fee through CAS Client Services, 2540 Olentangy River Road, P.O. Box 3343, Columbus, OH 43210-0334; Telephone: (614)447-3870; Telefax: (614)447-3747; e-mail: answers@cas.org.

Corrections

If errors of consequence are detected in a published paper, the author should send a correction to the Editor for publication in the Additions and Corrections section.