

Instructions to authors

- Scope and Policy of *bioimages*

bioimages is the official journal of the Bioimaging Society, and publishes original articles on a broad range of bioimaging topics in molecular and cellular science and computer science. The journal is devoted to the publication of practical and theoretical studies on the development of imaging methods and/or their application to the field of biological sciences. All the manuscripts must be written in English. The results presented in manuscripts submitted for publication should not have been previously published or submitted for publication to another journal. The originality and quality of manuscripts are judged by two independent reviewers. *bioimages* is published in an electrically digitized form, i.e., online-journal on the computer platform, J-STAGE, run by Japan Science and Technology Agency (JST) supported by the Japanese government. The portal site for *bioimages* is: <http://www.jstage.jst.go.jp/browse/> which has many links to other databases like PubMed and JOIS.

- Preparation of Manuscripts

Submission of Manuscripts

Computer files of the manuscript should be sent to:

bioimages, Editorial Office

Dr. Masaki Kojima, Editor-in-Chief
School of Life Sciences
Tokyo University of Pharmacy and Life Sciences
1432-1 Horinouchi, Hachioji, Tokyo 192-0392, Japan
E-mail: mkojima@toyaku.ac.jp

Types of Manuscripts

Four types of manuscripts are acceptable to be published in *bioimages*; Regular paper, Short Communication, Technical Note, and Review Article.

Short Communication should be a short article of special interest and importance that

qualify for rapid publication, whereas Technical Note deals with brief report of development and improvement of bioimaging techniques.

Review Article is an overall view of a specific field with some introduction of own work that meets the current interest. Normally, authors for Review Article are requested by the editors. However, submission of a review article by non-requested authors is also acceptable for consideration.

Regular Paper should be assembled in the sections as indicated below. Short Communication and Technical Note, should not be divided into sections, but short Summary is required and the length of the text should not exceed 2 printed pages. Review Article may be sectioned properly for good understanding by readers.

Form of Manuscript

All manuscripts containing text, reference, and figure legends should be prepared in one doc or docx file of Microsoft Word in double spacing throughout. Pages should be numbered sequentially in the lower center. Each figure should be prepared separately in the JPEG format smaller than 5 MByte. As a reference to the final output of the Word file, authors are requested to provide a PDF file of the manuscript together. Figures and figure legends may and may not be inserted in the proper positions of this PDF file. Send all the files by e-mail to the *bioimages* editorial office. Materials can be fragmented and sent in several e-mails when the volume of manuscript is large.

Each manuscript consists of title, authors, affiliations, Keywords, running title, footnotes including abbreviations, Summary, Introduction, Materials and Methods (System and Methods, or Procedures), Results (Implementation or Algorithm), Discussion, Acknowledgments, References, tables, figure legends, and figures including photographs.

Title

The title page of each manuscript should contain: title, authors' full names, affiliations, Keywords, running title, and the name and full address (telephone number and if any, facsimile number) of the corresponding author. Four to six keywords should be given. The running title should not exceed 50 characters, including spaces.

Footnotes

Footnotes, if any, should be typed on a separate sheet (the second page of the manuscript). All non-standard abbreviations should be explained in the footnotes.

Summary

The Summary of less than 250 words should be typed on a separate page. The Summary should be comprehensible to readers without referring to the content of the paper.

Introduction

The Introduction should be brief but cover the field of the paper, describing previous work and establishing the background for the results that is being reported.

Materials and Methods (Systems and Methods or Procedures)

The description of methods should be brief, but include sufficient details to allow the experiments to be repeated including hardware and software that is used with version numbers and release dates.

Results

This section should contain the new observations and advances made in the study, presented in a logical fashion with evidence to support any conclusions drawn. Do not repeat material presented in the Introduction or in Materials and Methods.

Discussion

The Discussion should be concise and deal with the interpretation of results. Models or hypotheses may be proposed in this section only when they are newly suggested by the results. Do not repeat the description of the experimental results.

References

Type references doubly spaced beginning on a page separate from the text. References must be alphabetized by the first author. Include all authors names (do not use "et al."), year, complete article titles, and supply inclusive page numbers. Abbreviate the names of journals as in the Serial Sources for the Biosis Data Base (published annually by the Bio-Sciences Information Service of Biological Abstracts, Philadelphia, PA 19103, USA); spell out the names of unlisted journals. Citations such as "submitted for publication", "in preparation", and "personal communication" should be included parenthetically in the text and must not appear in the References section. For personal communications include cited author's name, institutional affiliation and his/her e-mail address for the editorial office to re-confirm permission. Unpublished work may not be cited in Materials and Methods. Examples of the references are as follows:

Murakami, T., Ono, M. and Ishikawa, H. (1993). Confocal interference reflection microscopy of cultured cells. *bioimages*, 1: 1-10.

Ishikawa, H. (1985). Ultrastructural organization of the stress fibers. In: *Cell Motility: Mechanism and Regulation*. (Ishikawa, H., Hatano, S. and Sato, H. eds.), University of Tokyo Press, Tokyo, pp.451-460.

References in the text should be cited by author and year, such as (Murakami et al., 1993) and (Ishikawa, 1985).

Tables

Number tables consecutively with Arabic numbers. A title should be given to each table and be typed with capital letters. Explanatory material and footnotes should be indicated by alphabetic superscripts. Units of measure should be given to numeral values at the heads of the columns. Avoid detailed explanation of experimental conditions under which data shown in the table were obtained (it should be included in Materials and Methods).

Figures

Single-column figures will appear in a space not exceeding 78 x 210 mm in the printed download form. Double-column figures will not exceed 162 x 210 mm. Figure should be in the JPEG (or TIFF) format, and the size may be changed to fill the above space. Magnifications of photographs should be indicated in the legends and/or by scales on the photographs. Illustrations must be self-explanatory and be numbered consecutively in Arabic numbers (i.e. Fig. 1, Fig. 2 ...).

Figure legends should be typed on separate pages from the text. They start with a short title of the figure, followed by explanations concise but sufficient to make the figures intelligible. Avoid descriptions that duplicate those in Materials and Methods.

Color illustrations

Color photographs are published freely.

- **Proofs and Reprints**

Page proofs will be sent to authors once. Reprints are not produced on regular basis.

- **Page charge**

There is no page charge for all type of publications.

- **Copyright**

The copyright of articles printed in *bioimages* lies with the Bioimaging Society.