Instructions to Authors

GENERAL GUIDELINES

Scope
Molecules and Cells (Mol. Cells) is an international journal devoted to the advancement and dissemination of fundamental knowledge concerning the molecular biology of cells. Papers on a broad range of topics of general interest to molecular and cell biologists are published. The journal will not publish paper that simply reports the cloning and sequencing of a gene or the preliminary X-ray crystallography without providing evidence for its biological significance. It is published monthly by the Korean Society for Molecular and Cellular Biology (KSMCB) and distributed by Springer.

Types of Papers
There are two types of papers in Mol. Cells; research article and minireview. Minireviews are brief summaries of developments in fast moving areas. They must be based on published articles, and may address any subject within the scope of Mol. Cells. Minireviews are invited by the editors, not solicited, and are not subject to editorial review. Anyone, wishing to submit minireviews, should provide a potential title and subject of the review article to the editor to seek permission.

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All submissions to Mol. Cells must be made electronically via the web-enable online manuscript submission and review system: www.molcells.org (E-mail submissions will not be accepted). Information regarding acceptable types of files for submission can be found on the on-line submission page of the journal homepage. For submissions, you will need to upload Word file of the text of the manuscript (including title, keywords, main text, and references) as a single word file. Upload your figures separately as .gif, .jpg files. Tables should be uploaded as .doc or .xls files. Authors who are not confident of their English writing should have checked their manuscripts by an English proofreader.

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Authorship
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Ethical Aspects
Manuscripts dealing with any experimental work on human or animal materials should meet the relevant regulations or requirements imposed by institutional or governmental authorities, and this should be clearly stated in the manuscript. Copies of these regulations and guidelines must be available for review by the editor if necessary. The editor reserves the right to reject papers if ethical aspects are in doubt. Mol. Cells carries out the international standards for editors and authors press release, http://publication-ethics.org/international-standards-editors-and-authors.

Nucleotide and Amino Acid Sequences
Any novel nucleotide or amino acid sequences described should be deposited in a public database, such as GenBank, EMBL or DDBJ, and the accession numbers should be included in a separate paragraph in the Materials and Methods section. It is expected that the sequence data will be publicly available no later than the publication of the article.

Review Process
All manuscripts are reviewed confidentially by members of the editorial board and qualified reviewers. When a manuscript and is submitted to Mol. Cells, it is given a manuscript number and assigned to one of the members of the board for review. The manuscript number should be referred to in any subsequent communications between the corresponding author and the editor or the editorial office. The reviewers operate under the guidelines for reviewers and are expected to complete their reviews as soon as possible. The corresponding author is generally notified of the reviewers’ decision, accepted, rejected, accepted after minor review, major revision and re-review from the editorial office within 3 weeks of submission. When a manuscript is returned revision, is should be returned to the editor within 3 months, or it may be considered withdrawn. The authors should supply the response to the editor along with the modified or revised manuscript. Manuscripts that have been rejected or withdrawn may be resubmitted if the major criticisms have been properly addressed. As with the initial submission, resubmitted manuscripts should be accompanied by a cover letter stating the manuscript is resubmission and describing in detail what changes have been made. The same editor that handled the original submission will normally handle the resubmitted manuscript.

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ORGANIZATION AND FORMAT

General Organization
The most desirable plan for the organization
of a paper is as follows: (a) **Abstract**, in less than 250 words, (b) **Introduction**, in less than two typed pages, (c) **Materials and Methods**, (d) **Results**, (e) **Discussion**, (f) **Acknowledgments**, (g) **References**. In some cases the presentation might be more effective if you combined some sections, e.g. Results and Discussion. This is particularly true in short papers. The Journal imposes no lower limit on the size of regular papers.

1. The title should be informative and as short as is consistent with clarity. The numbering of parts in a series of papers is not permitted.
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3. List the institutions in which the work was carried out. Identify the affiliations of all authors and their institutions, departments, or organizations by use of superscript lower case alphabets.
4. Provide a short running title of less than 60 characters.

**Abstract**

The abstract should not exceed 250 words, and should concisely summarize the basic content of the paper. Experimental details should not be presented in the abstract. Avoid specialized terms, abbreviations, diagrams, and references. When it is essential to include a reference, put the literature citation within square brackets, e.g. [Lee and Kang (1990)].

**Introduction**

It states the purpose of the investigation and its relation to other works in the same field, but should not present an extensive review of the literature.

**Materials and Methods**

The descriptions in materials and methods should be brief, but sufficiently detailed to permit repetition of the work by a qualified operator. When centrifugation conditions are critical, give details to enable another investigator to repeat the procedure: make of centrifuge, model of rotor, temperature, time at maximum speed, and centrifugal force (g rather than revolutions per minutes.). Refer to published procedures by citing both the original description and pertinent published modifications. Do not include extensive details unless they constitute a significant new modification. A simple reference is sufficient for commonly used materials and methods (e.g. media and protein determination). If several alternative methodologies are commonly employed, it is useful to identify the method briefly, as well as to cite the reference. For example, "cells were broken by ultrasonics treatment as previously described (Kim, 1983)"; rather than "cells were broken as previously described (Kim, 1983)".

Describe new methods completely and give sources of unusual chemicals, equipment, or microbial strains. When large numbers of microbial strains or mutants are used in a study, include strain tables identifying the sources and properties of the strains, mutants, bacteriophages, plasmids, etc. A method, strain, etc. used in only one of several experiments reported in the paper may be described in the Results section, or very briefly (in one or two sentences) in a table footnote or figure legend.

**Results**

It should describe the results of the experiments. Reserve extensive interpretation for the Discussion section. Present the results as concisely as possible in one of the following: text, table(s), or figure(s). Avoid presenting essentially similar data in both table and figure form. Also avoid extensive use of graphs to present data that might be more concisely presented in the text or tables. For example, except in unusual cases, double-reciprocal plots used to determine apparent Km values should not be presented as graphs; instead, the values should be stated in the text. Limit photographs (particularly photomicrographs, electron micrographs, and photographs of gel patterns) to those that are absolutely necessary for presenting the experimental findings. Number figures and tables according to the order of citation in the text.

**Discussion**

It should be concise and provide an interpretation of the results in relation to previously published work and to the experimental system at hand. It should not contain extensive repetition of the Results section or reiteration of the Introduction.

**Acknowledgments**

Acknowledge personal assistance and financial assistance in the same paragraphs. The usual format for grant support is as follows: “This work was supported by Basic Research grant 891-0301-016-2 from Korea Science and Engineering Foundation.”

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Citations of relevant published work in the text, from Introduction to Discussion, including tables and figures, should read Kim and Kang (1987) or (Kim and Kang, 1987). When a paper cited has three or more authors, use the style Chung et al. (1989) or (Chung et al., 1989). Use (Park, 1983a) and (Park, 1983b) when citing more than one paper by one author(s) published in the same year. For example, “This is observed both in vivo and in vitro (Choi et al., 1980; Lee, 1989a; Smith and Jones, 1984).”

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**Figure legends**

Define all symbols and abbreviations used in the figure that have not been defined elsewhere.

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Published by
The Korean Society for Molecular and Cellular Biology (KSMCB)
The Korea Science and Technology Center
(Rm. 1105), 22, 7 Gil Teheran-ro, Gangnam-gu,
Seoul 135-703, Korea
E-mail: admin@molcells.org
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