**Instructions for Authors**

**Molecular & Cellular Toxicology (MCT)**

**Molecular & Cellular Toxicology (MCT)** is owned and published by The Korean Society of Toxicogenomics and Toxicoproteomics (KSTT). The journal is published four times a year in a printed and electronic forms. Its editorial policies are the responsibility of the editor, the associate editors, and the editorial board under the general authority of the Publications Committee and the Council.

**Scope of Journal:**

MCT publishes original Research Articles, and Mini Reviews in all areas of the complex interaction between the cell’s genome, chemicals in the environment, and disease. Acceptable manuscripts are the ones that deal with some topics of toxicology, including those that lie in the domains of analytical chemistry, biochemistry, pharmacology, genomics, epigenomics, proteomics, bioinformatics and environmental biology with the aspects of molecular and cellular levels. Emphasis will be placed on toxic effects observed at relevant genomics and proteomics, which have direct impact on drug development, environmental health, public health policy, food safety, forensic medicine, and preventive medicine.

**Publication Ethics**

Manuscripts submitted for publication must contain a statement to the effect that all human studies have been approved by the appropriate ethics committee and have therefore been performed in accordance with the ethical standards laid down in the 1964 Declaration of Helsinki and its later amendments. It should also be stated clearly in the text that all persons gave their informed consent prior to their inclusion in the study. Details that might disclose the identity of the subjects under study should be omitted.

The editors reserve the right to reject manuscripts that do not comply with the above-mentioned requirements. The author will be held responsible for false statements or failure to fulfill the above-mentioned requirements. Experiments causing pain or discomfort to animals must be performed according to the guidelines of the International Association for the Study of Pain as published in Pain 1983; 16:109-110. In accordance with these guidelines, authors performing such experiments must justify explicitly that the procedures used are scientifically necessary and that the minimum possible pain or stress has been imposed on the animals. For all animal studies which extend beyond a first hypothesis generation, a sample size calculation should be provided. Authors should also indicate whether the experimental work was reviewed by an ethics committee or its equivalent.

Other ethical considerations should be in keeping with the most recent guidelines of the International Committee of Medical Journal Editors (www.icmje.org). In addition, a statement must be provided as part of a covering letter, signed by all authors, which approves the manuscript for publication, states that the manuscript has not been published in part or as a whole elsewhere and indicates source(s) of funding and absence of any possible conflicts of interest.

Clinical trials should be presented in accordance with the revised CONSORT statement as published in several leading journals (e.g. http://www.biomedcentral. com/1471-2288/1/2). As outlined in this statement, a patient flow chart should be included in all clinical trials submitted for publication.

The MCT journal is a part of iThenticate, which is an initiative to help editors verify the originality

of submitted manuscripts. Every manuscript will be submitted to the program to compare with the database.

**Types of papers**

Two types of manuscripts are accepted, full-length research articles and mini reviews. Authors are urged to keep the length of manuscripts below eight printed pages for research articles and mini reviews (24 typed pages of manuscript in double spacing including figures and tables). All mini reviews are by invitation only, and subjects are chosen by the MCT editors.

**Language of paper**

All manuscripts should be written in English. Authors, who are unsure of proper English usage, should have their manuscripts checked by someone with English proficiency (or native English speaker).

Manuscripts may be editorially rejected, without review, on the basis of poor English or lack of conformity to the standards set forth in these Instructions.

All manuscripts submitted for publications will be screened for English by the professional English editor in MCT.

**Publication charges**

Corresponding authors of articles accepted for publication will receive an email notifying them how to pay page and any other applicable publication charges before publication.

● Publication charges: Corresponding author will be charged

￦700,000 (Paid member from Korea)

￦800,000 (Non-paid member from Korea)

￦900,000 (Non-member from Korea)

US$800 (Overseas)

US$3,260 (Open Choice)

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\*) Within the first three years of publication.

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**Materials availability:**

By publishing in the journal, the authors are obligated to honor any reasonable request by qualified investigators for unique propagative materials, such as cell lines, hybridomas, and DNA clones, that are described in the paper. Authors must disclose upon submission of the manuscript any restrictions on the availability of materials or information.

**Peer Review process:**

All manuscripts are considered to be confidential and are reviewed by the editors, members of the editorial board, or qualified ad hoc reviewers in a single-blinded manner. All manuscripts submitted to MCT are reviewed critically, and it is the responsibility of the editors, the associate editors, and editorial board to determine their suitability for publication. After receipt of a manuscript by the editor, it is sent to an associate editor who usually assigns it to members of the editorial board or qualified ad hoc reviewers working in the similar fields. The board member then makes a definitive recommendation for acceptance, revision, or rejection based on the scientific merit and technical quality of the studies reported. Referees may be consulted when additional expertise is required. All board members and referees who review a manuscript remain unknown to the authors. Every manuscript is treated by the reviews as a privileged communication. All the listed authors are required to submit the signed copy of Manuscript Content Verification form as a condition of agreement to publish the article along with the manuscript. The process will not proceed without a signed copy of the agreement form. In cases where a manuscript is not accepted, the agreement shall become null and void. The form is available at https://www.tox.or.kr or https://www.springer.com/journal/13273/. Upon acceptance of the manuscript, the authors are required to submit the signed copyright transfer agreement as a condition of agreement to publish

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**Manuscript submission:**

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**Preparation of manuscript:**

Contributions should be double spaced and written in English (spellings as in the Oxford English Dictionary). Contributions should be organized in the sequence: title, author list, text, methods, acknowledgements, references, Supplementary Information line (if any), tables, and figure legends. When providing word counts for the editors, authors need only state the number of words in the text (and, separately, methods and total figure legends). Title, acknowledgement and other matter do not need to be included in the word count.

**Title:** Titles do not exceed 90 characters (including spaces), and do not normally include numbers, acronyms, abbreviations or punctuation. Title should clearly and concisely reflect the emphasis and content of the paper. They should include sufficient detail for indexing purposes but be general enough for readers outside the field to appreciate what the paper is about. Please provide “running title” of paper with less than 50 words.

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**Abstract:** The abstract of an original article should be its clear, concise and accurate summary of the main findings, having no more than 300 words. Use of abbreviations should be avoided and the references should not be cited in the abstract. The abstract should be divided into explicit sub-headings, such as backgrounds, objectives, results, and conclusion. In case of a review article, the abstract should have the purpose of review and recent findings to represent the purpose of the review and the summary of the articles in 300 words or fewer. A short list of keywords up to 10 should be included immediately after the abstract as index words. These words or phrases are used for indexing or searching services. Because the abstract will be published separately by abstracting services, it must be complete and understandable without reference to the text.

**Introduction:** Introduction should be as concise as possible, without subheadings. The introduction should present the purpose of the studies reported and their relationship to earlier work in the field. It should allow the reader to understand and evaluate the results of the present study without referring to previous publications on the topic.

**Materials and Methods:** If brief (less than 200 words in total), they can be included in the text at an appropriate place. Otherwise, they should be described at the end of the text in a ‘Methods’ section, subdivided by short, bold headings referring to methods used. Descriptions of methods already published should be avoided; a reference number can be provided to save space, with the new addition or variation briefly stated. This whole section should not exceed 800 words and should ideally be shorter. If more space is required for Methods, the editor may suggest use of online only supplementary information for this purpose after submission and after receiving referees’ reports. Supplementary material is also peer reviewed.

**Results and Discussion:** Results and Discussion sections should be written as separate paragraphs.

● Results section should be clear and concise and should be organized into subheadings.

● Discussion section should explore the significance of the results of the topic without dividing into subheadings. Avoid extensive citations and discussion of published literature.

**Acknowledgements:** Acknowledgements are brief and follow the reference list. Authors are encouraged to include a statement to specify the contributions of each coauthor. Acknowledgements contain grant or contribution numbers, but do not contain thanks to anonymous referees and editors, or effusive comments.

**Author contribution:** The contributions of all authors must be described. Examples include designing research studies, conducting experiments, acquiring data, analyzing data, providing reagents, and writing the manuscript. Multiple contributions may be listed for a single individual, and more than one individual may be associated with a single contribution. For manuscripts with 2 or more co–first authors, the method used in assigning the authorship order among co–first authors must be stated.

**Compliance with ethical standards**: It consists of Conflict of interest and Ethical approval. These sections should be written as separate paragraphs.

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**References (Nature style):** References are each numbered, ordered sequentially as they appear in text, methods, tables, figure legends. When cited in the text, reference numbers are superscript, not in brackets unless they are likely to be confused with a superscript number. The maximum number of references, strictly enforced, is 50 for full length articles. Only one publication can be listed for each number. Only articles that have been published or submitted to a named publication should be in the reference list; papers in preparation should be mentioned in the text with a list of authors (or initials if any of the authors are coauthors of the present contribution). Published conference abstracts, numbered patents and preprints on recognized servers may be included in reference lists.

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● Examples:

**Reference to a journal publication**

Jones, R. B., Gordus, A., Krall, J. A. & MacBeath, G. A quantitative protein interaction network for the ErbB receptors using protein microarrays. Nature 439, 168-174 (2006).

**Reference to a book**

McKusick, V. A. in Mendelian Inheritance in Man 12th Ed (John Hopkins University Press, Baltimore,

1998).

**Reference to a chapter in an edited book**

Bruce, M. E., Fraser, H., McBride, P. A., Scott, J. R. & Dickinson, A. G. in Prion Diseases of Humans and Animals (eds Prusiner, S. B., Collinge, J., Powell, J. & Anderton, B.) 497-508 (Ellis Horwood, New York, London, 1992).

**Reference to a website**

Global Effluent Guidelines, www.levistrauss.com/Downloads/GEG2007.pdf (2007).

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