

Instructions for Authors

Aims and Scope

Journal of Plant Biotechnology (JPB) is an international open access journal published four issues of a **yearly volume on in realtime** by The Korean Society for Plant Biotechnology (KSPB) founded in 1973. JPB publishes original, peer-reviewed articles dealing with advanced scientific aspects of plant biotechnology, which includes molecular biology, genetics, genomics, proteomics, and metabolomics. JPB does not exclude studies on lower plants including algae and cyanobacteria if studies are carried out within the aspects described above.

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Manuscripts should be submitted to the on-line submission system at <http://www.kspbtjpb.org/> following all screen prompts. Technical difficulties can be resolved by contacting to The Korean Society for Plant Biotechnology. The Korean Society for Plant Biotechnology (Phone: +82-42-862-0986, E-mail: kspbt@kspbt.or.kr, Address: The Korean Society for Plant Biotechnology, 2017 Hongin Tower Officetel, 28 daehak-ro, Yuseong-gu, Daejeon 305-710, Republic of KOREA.

Manuscripts are to be submitted in their final form and must be written in English or Korean. Authors are urged to aim for clarity, brevity, and accuracy of information and language. Authors whose first language is not English should have their manuscripts checked for linguistic accuracy by a fluent English speaker or by an English editing company. A properly completed "Copyright Transfer Agreement" should also be supplied before the manuscript is published. The corresponding author is asked to sign it on behalf of all authors.

Editorial and Review Policy

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Manuscripts submitted for publication should contain no materials that violate any copyright. Submission of a manuscript to JPB involves the tacit assurance that no similar paper has been or will be submitted for publication in other journals.

It is the responsibility of the authors, not the JPB, to determine whether disclosure of their material requires the prior consent of other parties and to obtain that consent. Statements and opinions given in works published by JPB are the expressions of the authors. Responsibility for the contents of published papers rests upon the authors, not the JPB.

The term of the Editor-in-Chief shall be two years and can be extended. The term of office for the Editors shall be two years and renewable.

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JPB accepts the following types of manuscripts: original research articles, review articles, and short communications.

An original research article represents an original, important contribution to plant biotechnology. The manuscript should clearly state the scope and purpose of the research work. The information presented must be objective and well organized, and the conclusions should be adequately supported. Review articles should be a critical evaluation of the existing state of knowledge on a particular aspect of plant biotechnology. Simple literature surveys will not be accepted for publication. Short communications are for concise, but independent reports representing a significant contribution to plant biotechnology. Short communication is not intended to publish preliminary results. Only if these results are of exceptional interest and are particularly topical and relevant will they be considered for publication.

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The page proof stage is not a time for extensive corrections, additions, or deletions. It is advised that editing be limited to the correction of typographical errors, incorrect data, and grammatical errors, and for updating information on references that had

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Ethical Considerations

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Manuscript authorship should be restricted to those who meet any of the following conditions: 1) substantial contribution to the conception and design of the study; 2) acquisition, interpretation, and analysis of data; 3) drafting the article or revising it critically for the important intellectual content. In addition, all listed authors must approve the final version of the manuscript to be published.

Conflict of interest

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Organization of the Manuscript

Manuscript format

The manuscript should be typed, double spaced, on 210 mm by 280 mm (A4 size) paper. A manuscript produced by MS word is acceptable. Margins on top, bottom, and sides should be at least 2.5 cm.

Organization

The manuscript should be organized in the following sequence.

Title and Authorship [author's name(s) and address(es)]

Abstract and Keywords

Introduction

Materials and methods

Results

Discussion

Acknowledgement (optional)

References

Tables and figures

Appendix or Nomenclature (optional)

Title and Authorship: Title should not exceed 12 words and should never contain abbreviations or chemical formulas. Common names of crops are recommended to be used in titles. A series of articles on the same subject are prohibited. Other information, such as grant funding, may be included in the acknowledgement part. The corresponding author should be indicated by “(✉)”. The E-mail address of the corresponding author is requested. The title page should also give a short title of up to 50 characters for heading successive pages.

Abstract: Abstract is the second manuscript page and should not exceed 250 words. It should not include bibliographic, figure, or table references. Equations, formulas, obscure abbreviations, and acronyms also are inappropriate. The abstract should be followed by key words indicating the contents of the research paper.

Introduction: Introduction should be brief and clearly state the aim of study. The literature review should be limited to information that is pertinent to the experiment.

Materials and methods: Materials and methods should include enough detail so that a competent scientist can repeat the experiments. Methods should be cited by a reference if well known methods were used.

Ensure correct use of the terms sex (when reporting biological factors) and gender (identity, psychosocial or cultural factors), and, unless inappropriate, report the sex and/or gender of study participants, the sex of animals or cells, and describe the methods used to determine sex and gender. If the study was done involving an exclusive population, for example in only one sex, authors should justify why, except in obvious cases (e.g., prostate cancer). Authors should define how they determined race or ethnicity and justify their relevance.

Please note the following examples, and refer details to the literature citations in the current issue of the JPB

1) Journal Article

Jung YJ, Bae SS, Lee GJ, Seo PJ, Cho YG, Kang KK (2017) A novel method for high-frequency genome editing in rice, using the CRISPR/Cas9 system. *J plant Biotechnol* 44:89-96

2) Journal Article + DOI

Jung YJ, Bae SS, Lee GJ, Seo PJ, Cho YG, Kang KK (2017) A novel method for high-frequency genome editing in rice, using the CRISPR/Cas9 system. *J plant Biotechnol* 44:89-96. doi.org/10.5010/JPB.2017.44.1.089

3) Electronic Article

Wang F, Wang C, Liu P, Lei C, Hao W, Gao Y, Liu YG, Zhao K (2016) Enhanced rice blast resistance by CRISPR/ Cas9-targeted mutagenesis of the ERF transcription factor gene OsERF922. *PLoS ONE* 11:e0154027

4) Online-First Article

Weeks DP, Spalding MH, Yang B (2015) Use of designer nucleases for targeted gene and genome editing in plants. *Plant Biotechnol J* (in press). doi:10.1111/pbi.12448

5) Patent

Kwak SS, Kim JW, Min JK, Kim HS (2018) Method for producing seedling and seed of sweetpotato from sterile sweetpotato stem by tissue culture. Patent application No 10-2018-0030059 (March 15, 2018)

6) Book

SBFC (Sweetpotato Biomaterials Fusion Cluster) (2017) Sweetpotato based global food resource and biomaterial production technology. Newsletter Vol. 1 (July 76, 2017), pp 4

Yamakawa O (2017) The world of sweetpotato, the sweetpotato of world. Gendaishokan (in Japanese). pp 243

7) Electronic Book

Jander G, Joshi V (2009) Aspartate-derived amino acid biosynthesis in *Arabidopsis thaliana*. The Arabidopsis Book 7:e0121. doi:10.1199/tab.0123

8) Online Database(Web Page)

CSPI (The Center for Science in the Public Interest) (2007) 10 Best Foods. <https://cspinet.org/eating-healthy/what-eat/10-best-foods>

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Nomenclature: Common name, Latin binomial or trinomial (in italics), and the authority for all plants, insects, and pathogens should be given at first mention in the abstract or text. Crop cultivars must be identified by single quotation marks when first in the abstract or text unless cultivar status is already clear (e.g., identified by the word cultivar or the abbreviation cv).