

INSTRUCTIONS FOR CONTRIBUTORS (June 2009)

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Manuscripts should be written in English, together with an abstract written in Turkish. Contributors who are not native Turkish speakers may submit their manuscripts with an abstract written in English only. Contributors who are not native English speakers are strongly advised to ensure that a colleague fluent in the English language, if none of the authors is so, has reviewed their manuscript. Concise English without jargon should be used. Repetitive use of long sentences and passive tense should be avoided. It is strongly recommended that the text be run through computer spelling and grammar programs. Spelling should be British or American English and should be consistent throughout. In general, the journal follows the conventions of Scientific Style and Format, The CSE Manual for Authors, Editors, and Publishers, Council of Science Editors, Reston, VA, USA (seventh ed.). All abbreviations and acronyms should be defined at first mention. To facilitate reader comprehension, abbreviations should be used sparingly. Latin terms such as *et al.*, *in situ*, *in vitro*, or *in vivo* should not be italicised.

Degree symbols (°) must be used (from the Symbol list on the Insert menu in Microsoft Word) and not superscript letter "o" or number "0". Multiplication symbols must be used (×) and not small "x" letters. Spaces must be inserted between numbers and units (e.g., 3 kg) and between numbers and mathematical symbols (+, −, ×, =, <, >), but not between numbers and percent symbols (e.g., 45%).

Manuscript format

The following format is designed for Full Papers, and should be modified appropriately for manuscripts in other categories. The manuscript should be arranged as follows, with the Introduction beginning on a separate page:

1. Title page

- (i) Title: this should be concise and informative and in sentence case (e.g., Identification and characterization of the rat DVL2 gene using bioinformatic tools), and a short running title should be provided.
- (ii) List of authors' preferred names.
- (iii) Institute or laboratory of origin.
- (iv) The name and address of the corresponding author, including an email address.

2. Abstract

This should provide clear information about the research and results obtained. Turkish abstracts will be provided by the journal committee (for non-Turkish authors).

3. Key word index

This is to contain 'key words' or phrases to enable retrieval and indexing by modern searching techniques. The list should not exceed 10 words.

4. Introduction

This should argue the case for your study, outlining only essential background, but should not include either the findings or the conclusions. It should not be a review of the subject area, but should finish with a clear statement of the question being addressed.

5. Materials and Methods

This should provide sufficient details of the techniques used to allow them to be repeated.

6. Results and Discussion

This should highlight the results and the significance of the results and place them in the context of other work. The final paragraph ought to provide a resume of the main conclusions.

7. Acknowledgements

8. References

The references should be numbered and listed according to their sequence in the text and a reference number inserted in parentheses where referred to in the text. All authors should be included in reference lists unless there are 3 or more, in which case only the first 3 should be given, followed by 'et al.'. The manuscript should be carefully checked to ensure that the spellings of authors' names are exactly the same in the text as in the reference list. Authors bear primary responsibility for the accuracy of all references.

They should be given as follows:

Journal article

Surname initial(s). Title of the article. Name of the journal (abbreviated according to the international norms) Volume: Page numbers (first page-last page), Year of publication.

Example:

Devey ME, Sewell MM, Uren TL et al. Comparative mapping in loblolly and radiata pine using RFLP microsatellite markers. *Theor Appl Genet* 99: 1179-186, 1999.

Book

Surname initial(s). Title of the book. Name of the publisher. Place; Year of publication.

Example:

Godfrey T. Industrial Enzymology. Nature Press. New York; 1983.

Book article or chapter

Surname initial(s). Title of the chapter. In: surname initial(s) of the editor(s). ed. Name of the Book. Name of the publisher; Year of publication, Page numbers (pp. first page-last page).

Example:

James NE. Two sides of paradise. In: Palumbo D. ed. Spectrum of the Fantastic. Greenwood; 1988: pp. 219-223.

Theses

Surname and the initial(s) of the author, Title of the thesis, Type of the thesis (MSc or PhD), Name and address of institute where the research was carried out, Year in which the research was carried out.

Example:

Öztürk F, Identification, Molecular Typing and Determination of Biological Activities of Bacillus Species Isolated from Soils in Ankara, PhD, Gazi University Institute of Science and Technology, 2007.

Review articles should cover subjects related to Turk J Biol, falling within the scope of the journal and which are of active current interest. They should be no longer than 30 pages and should have an abstract of 250 words at most. The sections itemised above are not required for review articles; instead, they should contain an introduction, text with relevant headings and a conclusion section. The introduction should explain the importance of the subject, the text should be comprehensive and detailed, and the references exhaustive. Review articles should be written with the support of original published studies of the author(s).

Tables and Figures

All illustrations (photographs, drawings, graphs, etc.) not including tables must be labelled "Figure". The correct position of each table and figure must be clearly indicated in the paper. All tables and figures must have a caption and/or legend and be numbered (e.g., Table 1, Figure 1), unless there is only one table or figure, in which case it should be labelled "Table" or "Figure". All tables and figures must be numbered consecutively. Captions must be written in sentence case (e.g., Alignment of homologous proteins to rat DVL2 proteins.). Figures and tables, including captions, titles, column heads, and footnotes, must not exceed 16 × 20 cm and should be no smaller than 8 cm in width. Tables must be clearly typed, each on a separate sheet, and double-spaced. Tables may be continued on another sheet if necessary, but the dimensions stated above still apply.

The resolution of images should not be less than 118 pixels/cm when width is set to 16 cm.

Images must be scanned at 1200 dpi resolution and submitted in jpeg or tiff format.

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Charts must be prepared in 2 dimensions unless required by the data used. Charts unnecessarily drawn in 3 dimensions are not accepted.