Instruction to Authors

Scope and purpose

The Thai Journal of Physiological Sciences (TJPS) is the official Journal of the Physiological Society of Thailand. This Journal publishes scientific reviews, full length original research articles and short scientific communications in the field of physiological sciences, which include not only physiology in the narrow sense but also functionally oriented research in biochemistry, biophysics, morphology, pharmacology and other related biomedical disciplines. Clinical studies, which are of fundamental importance and have direct bearing on the science of structure and function of the organism, will also be published. The chief aim of the Journal is to encourage and distribute publications of experimental researches in physiology among physiologists and related scientists in Thailand and other countries. Thus, the language used is English and contributions from any country are equally welcome. Finally, to distribute scientific information worldwide, this Journal has been published electronically and displayed online since 2003.

Type of articles

1. Scientific reviews are articles that review current research work in the area that has major advancement or of interests by the readers. The papers may be invited and/or reviewed by referees and the authors are fully responsible of their articles. Contributors must follow the general instructions where applicable.

2. Original articles are complete papers of experimental research in any branch of physiological sciences. The articles accepted for publication will be made upon the consideration that they describe significant and new findings and that adequate experimental details are given.

3. Short scientific communications are short reports of experimental research, which have considered that the results should be distributed quickly. The experimental data have currently displayed in any scientific meeting are also encouraged for publication. The maximum length allowance will be 1500 words.

Manuscripts

Manuscripts must be submitted either online (Word or PDF files) or in triplicate hardcopies (one original and two copies). All manuscripts will be reviewed by 2 external referees. All manuscripts should be mail to:

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Online submission can be send by Email: thongngam007@yahoo.com

Form and style of manuscript

(a) Manuscripts must be typewritten in English (US) with double-spacing throughout and with margins at least 2.5 cm wide. If possible, Times New Roman (size 12) alphabets and A4 size (206 × 294 mm) papers should be used.

(b) Manuscript must have a title page, which includes only the title, the authors names, the laboratory of origin, the name and address of the correspondence, and about 5 suitable keywords must also be given. The title length should not exceed 25 words.

(c) Manuscript must have a brief Abstract. It should not exceed 300 words for review and original articles and 100 words for short scientific communications. The abstract should state the main rational and objective, brief methodology, summarized results, and the major conclusions.

(d) The remaining text of all papers should be concisely organized in the following six main sections:

1) Introduction. An introductory statement should first set the scene for a non-specialist and then continue with the specific reasons for under taking the investigation. The main objective of the study must be clearly indicated.

2) Materials and Methods. In this section, experimental procedures used should be given in suffi-
cient details to permit the repetition of the work by others. However, published procedures should only be briefly summarized and only described in details if they have been substantially modified. Special chemicals, drugs, etc. with their sources of supply should also be described.

3) Results. In this section the findings should be concisely and sequentially described without discussion of their significance. All Tables and Figures of the result must be cited in the text. Sub-sections should be used in order to clarify the expression of the results.

4) Discussion. In this section the authors’ interpretations of their findings should be accompanied by an assessment of their significance in relation to previous works and possible mechanisms should be proposed. Repetition of material given under çResultscé should be avoided. Sub-sections should be used wherever possible. Stating the main finding at the first paragraph and the conclusion at the end is recommended.

5) Acknowledgements. This section should acknowledge colleagues who have assisted or collaborated in the study who are not listed on the title page. It should also include details on grant or sponsoring and possible conflicts of interest.

6) References.
■ References should conform to those used in Index Medicus of the National Library of Medicine and be listed in consecutive orders as they cited in the text, not alphabetically.
■ Examples of the correct form for references:
■ Work accepted for publication but not yet published should be referred to as çin pressç.
■ References concerning unpublished data and çpersonal communicationsç should not be cited in the reference list but may be mentioned in the text

7) Tables and Figures.
(a) Tables and figures should be on separate pages and placed at the end of the manuscript. In general, Tables and Figures should be constructed so that they together with their captions and legends will be intelligible with minimal reference to the text.
(b) Black and white figures printed by high resolution laser printers (600 dpi or above) on white papers are preferable. Color pictures and photographs are also acceptable if submitted in photo or high quality papers. Where possible, illustrations should be submitted in a form suitable for direct reproduction. The dimensions of all figures should not exceed 15 × 20 cm.

● Ethical consideration
Research involving animals must adhere to APS’s Guiding Principles in the Care and Use of Animals. All investigations involving humans or animals reported in its publications be conducted in conformity with these principles, and that a statement of protocol approval from an IRB or IACUC or equivalent is included in the methods section of the paper. Manuscripts reporting the results of experiments on human subjects, including healthy volunteers, must include a statement that informed consent was obtained.

● Abbreviations
(a) Symbols for physical units should be restricted to the System Internationals (S.I.) Units. Examples of commonly used symbols can be found in Biochem J 145: 1-20, 1975 and more detailed description, in Quantities, Units and Symbols (1971), The Royal Society, London.
(b) The excessive use of abbreviation in the text is strongly discouraged. In particular, awkward and unfamiliar abbreviations and those intended to express concepts or experimental techniques will not be permitted. In order to aid communication between scientists of different disciplines, authors should only use abbreviations sparingly and should always define the abbreviation when first used by placing it in parenthesis after the full term, e.g. Acetylcholinesterase (AchE).

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