

EXPERIMENTAL PHYSIOLOGY
Translation and Integration
Guidelines for submitting
Exchange of Views

An Exchange of Views between two experts in the same field is usually initiated by an Experimental Physiology editor, however proposals will be considered*.

The published format of the Exchange can vary according to subject/content but in essence offers the reader two well reasoned diverse opinions on a specific topic of physiological interest.

Each Exchange of Views Article should provide an outline of the author's interpretation of current information in their specialist area of Physiology.

The Article will be published alongside an alternative viewpoint from another expert in the field. Both authors may then be asked to write a brief Commentary on the alternative view point and also have the opportunity publish their Response to the Commentary on their own Article.

Go to: <http://ep.physoc.org/> and click on 'Exchange of Views' for published examples.

Each Article should be about 2,500 words or 5 printed pages including references and figures. The Commentary should be limited to 1,000 words and Response to 250 words.

*If you are interested in submitting an Exchange of Views you should send an outline for consideration. The outline should state which 2 authors would be setting out their views, what their principle differences in interpretation are and why the proposed topic is of interest to physiologists. It should give references for any published work on the proposed topic by the 2 authors.

Preparation of Manuscripts

Papers must be typed in double spacing, on numbered pages.

English spelling (as in The Chambers Dictionary) and terminology should be used.

Clarity of expression and conciseness will be taken into consideration.

Manuscripts must be submitted online electronically to <http://submit.expphysiol.org/>

Arrangement of Review

- 1 Title Page
- 2 Abstract
- 3 Text
- 4 References
- 5 Acknowledgements
- 6 Figures and Legends
- 7 Tables

Title Page

The Title Page should be on a separate sheet with the authors' names and addresses. The name, address, telephone and fax numbers, and email address of the author dealing with correspondence and proofs must be included.

The title of the paper should be as informative as possible, but should also be concise.

A running title not exceeding 45 characters and spaces must be given for page headings.

An Abstract of up to 250 words, in which references must not be cited, should be included for abstracting services.

Text

This should include a brief survey of the background early work leading to the current issues and presented in a form understandable to the non-specialist. The bulk of the article should discuss current developments which will include the authors work. Detailed description of experimental methods should only be used where they have been pivotal to recent understanding. References should be cited in the text by giving the author and the year of publication in parenthesis e.g. (Coote, 1999) except when the author's name is part of the sentence, e.g. 'Coote (1999) showed that'. Where several references are quoted together, they are in chronological order, separated by semicolons.

When a paper written by two authors is cited, both names are given; for three or more authors only the first name is given followed by et al. (consult the current Instructions to Authors available at <http://ep.physoc.org/misc/ifora.shtml>).

References

The Review should conclude with a list of the papers and books cited in the text. Authors should avoid an excessive number of references. 30 should be adequate.

Abbreviated journal titles must be given. The order of references is strictly alphabetical, regardless of chronology. The format is as follows:

Anderson EA, Wallin BG & Mark AL (1987). Dissociation of sympathetic nerve activity in arm and leg muscle during mental stress. *Hypertension* 6, suppl. III, 114—119.

Blanchard DC, Hynd AL, Minke KA, Minemoto T & Blanchard RJ (2001). Human defensive behaviors to threat scenarios show parallels to fear- and anxiety-related defense patterns of non-human mammals. *Neurosci Behav Rev* 25, 761—770.

Blanchard RJ, Flannelly KJ & Blanchard DC (1986). Defensive behaviours of laboratory and wild *Rattus norvegicus*. *J Comp Psychol* 100, 101—107.

Brod J, Fencil V, Hejl Z & Jirka J (1959). Circulatory changes underlying blood pressure elevation during acute emotional stress (mental arithmetic) in normotensive and hypertensive subjects. *Clin Sci* 18, 269—279.

Unpublished material may be referred to sparingly in the text, by giving the authors' initials and names followed by 'unpublished observations' or 'personal communication'; such citations should not appear in the list of references. Authors should ensure that the wording of any reference to unpublished work is approved by the person concerned. References cited as being 'in press' must have been accepted for publication, and the name of the journal or publisher included in the reference list.

Overlapping Material

A submission must be accompanied by copies of any material, published by the authors in the last year, that overlaps the content of the manuscript. This should include

preliminary notes, communications, abstracts, chapters or reviews. Please also include any In Press or submitted articles. These should be submitted as Supplemental Files in pdf format, and reference made to them in the authors' covering letter.

Acknowledgements

Acknowledgements should be the minimum consistent with courtesy. The wording of acknowledgements of scientific assistance or advice must have been seen or approved by the persons concerned.

Figures and Legends

Each figure should be given a title and be accompanied by a legend that makes it comprehensible without reference to the text, although undue repetition should be avoided. For detailed instructions figure preparation see guidelines for preparing figures and tables available on the web site

<http://www.blackwellpublishing.com/authors/digill.asp?site=1> -

Where figures from previous publications are used, it is the author's responsibility to obtain permission from the original journal and to include these with the submission.

Authors are encouraged to submit a colour figure(s) related to the hot topic review being published although not necessarily taken from it for possible use on the front cover of the issue. The last four front covers are shown at

<http://ep.physoc.org/contents-by-date.0.shtml>

If the Journal considers that it would be advantageous for the publisher's artists to 'stylize' the submitted figures, redrawing will be undertaken. It will be the author's responsibility to check the figure/labelling when the proof is sent for approval.

Authors may include **coloured illustrations** whenever they enhance the scientific value of the paper. Authors will not be charged for the initial essential colour figure but will be expected to contribute to the cost of any subsequent figures.

Please note that there is no charge for publication of colour figures online.

Tables

Tables should be used sparingly. They should be typed double-spaced on separate numbered sheets and referred to in the text by arabic numerals, e.g. Table 3. Each table should have its own self-explanatory title. The same information should not be presented in both tabular and graphical forms. For further info see

<http://jp.physoc.org/misc/itafigs.shtml>).

Abbreviations

Authors should avoid abbreviations unless they are easily understood and help in reading the paper. Abbreviations should be defined when first introduced and are normally printed in upper-case letters without stops.

Symbols, units and mathematical notation

Recommended mathematical symbols and ways of printing them are given in *Quantities, Units and Symbols* (1975), published by the Royal Society, London; this also includes a full discussion of the use of units.

The SI system of units and index notation should be used, e.g. ml s⁻¹ rather than ml/s. Certain traditional units that are still in common usage are also acceptable, for example:

Pressure, mmHg, Torr (SI unit kPa)
Radioactivity, Ci = Curie (SI unit Bq)
O₂ uptake and CO₂ elimination, l min⁻¹ (SI unit mol s⁻¹).

Authors should ensure that consistency is maintained throughout the manuscript, including illustrations and tables.

Chemical and biological nomenclature

In general, the conventions in chemical nomenclature adopted by the Biochemical Society should be followed. These are described in the *Biochemical Journal* Instructions to Authors available online from www.BiochemJ.org

Names of species and genera should be in italics (or underlined). Names of muscles, bones etc. should be in roman type (i.e. not in italics).

ONLINE SUBMISSIONS

Manuscripts should be submitted online as New Papers in the Author Area of <http://submit.expphysiol.org/>

It is important to select 'Exchange of Views' from the 'Articles Type' options and to indicate which Editor has invited or approved the contribution in the 'Suggested Editor' window.

Enquiries should be addressed to the Publications Office at: *Experimental Physiology, The Physiological Society Publications Office, PO Box 502, Cambridge, CB1 0AL, UK.*

Tel: 01223 400183 Fax: 01223 246858 or email: eward@physoc.org
Journal Webpage: <http://ep.physoc.org>