

# *PHYSIOLOGY*

## Instructions for Authors

Articles in *Physiology* are brief reviews intended to keep a broad spectrum of international physiologists abreast of advances in, and the current status of, important and timely subjects dealing with biological function at all levels of organization. The articles must be scientifically accurate and current, and they must also be designed to educate the “nonspecialist,” i.e., simple, clear, and relatively free of jargon or abbreviations.

### General Guidelines:

1. **Articles:** **Review** articles should be approximately **3,500 words, excluding abstract, references and figure legends.** (Times-New Roman, 12 point) **Emerging, Point/Counterpoint** and **Timeline** manuscripts should be approximately **2,500 words.**
2. **References** should be listed in alphabetical order in the style adopted by the American Physiological Society (examples below) and cited numerically in the text. The use of unpublished observations or personal communications should be avoided in the text and is not permitted in the reference list.
  - a) Mundel P, Backman S, Bader M, Fischer A, Kummer W, Mayer B, and Kritz W. Expression of nitric oxide synthase in kidney macular densa cells. *Kidney Int* 42: 1017-1019, 1992.
  - b) Schnermann J and Briggs JP. Function of the juxtaglomerular apparatus: control of glomerular hemodynamics and renin secretion. In: *The Kidney: Physiology and Pathophysiology*, edited by Seldin DW and Giebisch G. New York: Raven, 1991, p. 1249-1290.
3. A **cover page** should include each author's professional title and address as well as the title of the article. The article title should be no more than 10 words and designed to “tempt” the reader. The phone and fax numbers and the email address of the corresponding author should be noted. If available, information for a secondary contact (e.g., another author, a lab assistant, etc.) should be listed.
4. An **abstract** of approximately 50 words that leads readers into the importance of the article in its own right and to the physiological sciences must be provided. *In addition, please provide a 15-20 word summary for the “Table of Contents” page.*
5. If the **figures** have been published previously, please send letters to the author(s) and to the publisher(s) requesting permission for their use. If your figures are original, please send a statement to that effect. Tables should be avoided as much as possible, but if necessary, should be simple and uncluttered. Our professional art staff will contact you and help you design your figures. The figures for your article will be professionally rendered by Penumbra Design, Inc. Your art does not need to be finished (“camera ready”). It may be a sketch or computer file. Kelly Paralis, or one of her staff, will be in touch with you with any questions or suggestions they may have regarding your figures. Penumbra Design, Inc., will then render your art and email you PDF files for review.
  - **Maximum of 4 figures for Review, Point/Counterpoint and Timeline articles; Emerging articles are allowed additional figures in order to explain their topic/technology more graphically.**
  - Be sure that your figure labels and abbreviations are referenced in the text and/or figure legend.
  - If your figures include photographs or other bit-mapped images, please supply separate, clearly identified files for each. Files used for printing must be 300 dpi (or slightly higher) at final reproduction size. Photoshop, TIFF, PICT or JPEG files are all acceptable as are slides or good photographic prints.
  - If your photo files include labels, please send an unlabeled file as well if possible. The studio will label all photos to consistent specs for the Journal.
  - If your article includes molecular models you may supply them as above as a photo file, or Penumbra Design, Inc., will render them from sets of coordinates, or PDB data, if you wish. You may indicate which parts of the molecule need to be colored (for example, subunits, or particular residues or sequences of residues).
  - For graphs, please supply a file of the plotted data, or clear hard copy, rather than raw data.
6. A **mandatory submission form** (copyright transfer form) must be signed by all authors and faxed to 828-697-0207 or sent as a PDF attachment to [Charleen.bertolini@case.edu](mailto:Charleen.bertolini@case.edu).
7. **Submit** the first version of manuscript *electronically* to [Charleen.bertolini@case.edu](mailto:Charleen.bertolini@case.edu). Once the manuscript has completed review and any suggested revisions made, please send the revision to [Charleen.bertolini@case.edu](mailto:Charleen.bertolini@case.edu) as a word document.