

Information for Referees of *Science Signaling* Research Articles

SCIENCE SIGNALING'S MISSION: *Science Signaling* seeks to publish high-impact research pertaining to the general area of cell signaling, which encompasses aspects of various disciplines in the biological sciences, including molecular biology, development, immunology, neuroscience, microbiology, physiology, medicine, pharmacology, biochemistry, cell biology, bioinformatics, and systems biology. Papers are expected to present a major research finding of broad significance. They should substantially advance our understanding of the mechanisms underlying cellular responses to external or internal cues, and refine current views of these signaling processes.

CRITERIA FOR JUDGMENT

Research Articles should substantially refine our current understanding of important cell signaling processes and should be of broad interest to scientists engaged in the general area of cellular regulation.

Overall Recommendation: Based on the mission statement above, recommend in your review whether the paper should be published in *Science Signaling* and provide a more detailed critique using the following criteria:

Technical Rigor: Evaluate whether, or to what extent, the data and methods substantiate the conclusions and interpretations. If appropriate, indicate what additional data and information are needed to validate the conclusions or support the interpretations.

Novelty: Indicate in your review if the conclusions are novel or are very similar to work already published.

Overall Evaluation: Please choose one of the following ratings for the reviewed manuscript: Excellent and Exciting; Above Average; Mediocre or Poor; Too Specialized.

Recommended Action: Please choose one of the following courses of action: Publish without Delay; Publish with Minor Revisions; Needs Re-review after Revisions; Not Highest Priority; Reject.

Supplemental Materials: Supplemental materials include methods, text, or data that are of interest only to the specialist, but that are still necessary for the integrity and excellence of the paper. This material must be directly related to the conclusions of the paper.

Security: Please inform us if you have concerns that release of this paper may pose a danger to public health, safety, or security. Such concerns will be brought to the attention of the Chief Scientific Editor for further evaluation.

Length: Research Articles may be up to 8 printed pages in length, including figures and references.

Conflict of Interest: If you cannot judge this paper impartially, please notify us immediately. If you have any financial or professional affiliations that may be perceived as a conflict of interest in reviewing the manuscript, please describe those in your confidential comments.

Confidentiality: We expect reviewers to protect the confidentiality of the manuscript and ensure that it is not disseminated or exploited. Please destroy your copy of the manuscript when you are finished with it. Only discuss the paper with a colleague if you have received permission from the editor. We do not disclose the identity of our reviewers.

Headquarters

Returning Your Review

We prefer to receive referee's comments through our electronic referee site. Each referee is sent by e-mail a unique log in and password that allows the referee to access the manuscript and submit comments. If you cannot locate this information, please write sciencesignalingeditors@aaas.org. We recommend that you type your review in a separate file with word processing software and paste the text into the review form online. If you have attachments, such as figures, or complex formatting, such as equations, that cannot be conveyed in text form, you may send these by email to scisignalreview@aaas.org by FAX to 202-408-9697. Please also include the manuscript ID number in the Subject line of your E-mail or on top of the faxed pages. The ID number is found in the filename of the PDF of the manuscript that you are reviewing.

Should this manuscript be accompanied by a Perspective?

Perspectives are short commentaries on current research published in *Science Signaling* or elsewhere in the cell signaling literature. If you believe that this work warrants such a discussion, please include a note to the editor. Additionally, please provide recommendations of suitable Perspective authors.

Headquarters

1200 New York Avenue, NW, Washington, DC 20005 USA Tel: +1 202 326 8949 Fax: +1 202 408 9697
Published by the American Association for the Advancement of Science