Information for Reviewers of Research Articles

CRITERIA FOR JUDGMENT

Research Articles should report a major advance in any area of translational medicine. Interdisciplinary papers are especially welcome. The results should represent substantial progress toward improving diagnosis, prevention, or treatment of a disease. They should be of strong interdisciplinary interest within medicine or of unusual interest within a specialty.

Overall Recommendation: On the basis of the mission statement above, recommend whether the paper should be published in *Science Translational Medicine* and provide a more detailed critique based on the following:

1. Importance: Evaluate whether the conclusions are sufficiently important to represent substantial progress toward prevention, diagnosis, or treatment of a disease or health condition.

2. 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.

3. Novelty: Indicate in your review whether the conclusions are novel and how they relate to work already published.

Length: Research Articles may be up to 8 printed pages (6000–8000 words).

Supplementary Material: Supplementary material can include methods, text, data, audio, video, or other files that are of interest to the reader and necessary for the integrity and excellence of the paper. It must be directly related to the conclusions of the paper.

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Should this manuscript be accompanied by a Perspective?

Perspectives are short analyses of current research published in *Science Translational Medicine* or elsewhere. If you feel that this work deserves such a discussion for a broad audience, please include a note to the editor in your confidential comments and provide recommendations for Perspective authors.

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, describe these as indicated on our online review form.

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 your review. Only discuss the paper with a colleague with permission from the editor. We do not disclose the identity of our reviewers.

Security: We ask reviewers to inform us if they 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 Advisor for further evaluation.

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Final selection is based on relative quality of papers rather than absolute merit and is constrained by available space in Science Translational Medicine and our commitment to balance subject matter.

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