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Reproducibility is a key for real peer-reviewed evaluations

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(21 July 2017)

Carole J. Lee, et al. mentioned scientific integrity via journal peer review data in their paper (1). Reproducibility is a key for real peer-reviewed evaluations. Each of assigned reviewers must have the certain facility to be able to examine the reproducibility of the proposed method. Without examination of the reproducibility, the comment from a reviewer is not based on sound science, but on his/her private professional opinion. Government's role is critical and needed for affording such facility for justification of the scientific advances as trusted third party. Editor's role is to assign capable reviewers where every reviewer will examine the reproducibility by himself/herself or will outsource the examination to the trusted third party. Who will pay or fund for real peer-reviewed evaluations: publishers, authors, or government?

References:

1. Carole J. Lee, et al., Promote scientific integrity via journal peer review data, Science 21 Jul 2017; Vol. 357, Issue 6348, pp. 256-257

Competing Interests: None declared.