

1. Peer Review

Cascade Review

홍 성 태
(의편협 부회장)



Peer Review: Cascades or Consortia



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Peer Review: Purpose

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- Review manuscripts to decide publication
- To improve manuscripts for audience
- To secure public trust
- Classical review for most journals

Peer Review: Method

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- Triage by internal review: early rejection
- Invite 2-3 external reviewers among experts
- 2-3 weeks for review
- Comments with good contents within time limit

Peer Review: Problems

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- Subjective, biased
- Time-consuming
- High rate of decline or neglect by invited reviewers
- Low quality of review comments
- Editorial burden by many submissions

Peer Review Alternatives

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- Public review: Tried in *Nature*, *Med J Australia*
- Commercial review: Peerage of Science, Rubriq
- Peer review cascades
- Peer review consortia
- Post-publication review: *BMJ* Rapid Responses, *PLOS* Comments, Cochrane Review Comments

Peer Review Cascades

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- Proposed as “Cascading Peer-Review” By Phil Davis at <http://scholarlykitchen.sspnet.org/2010/10/12/cascading-peer-review-future-of-open-access/>
- Model by redirecting peer-reviewed papers in the same publisher: A bulk publishing business within a publisher Open Access publication
 - PLOS One*
 - BMJ Open*
 - Nature* spin-off journals



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Cascading Peer-Review — The Future of Open Access?

POSTED BY PHIL DAVIS · OCT 12, 2010 · 31 COMMENTS

FILED UNDER BIOMED CENTRAL, BMJ, BMJ OPEN, CASCADING PEER REVIEW, MBIO, OPEN ACCESS, PEER REVIEW, PLOS, PLOS ONE, REJECTA MATHEMATICA

Soon joining the ranks of many subscription-access publishers, the prestigious BMJ Group will launch their full open access journal, aptly named, *BMJ Open*.

Yet, if you read the job ad for the new managing editor, the position is pitched as menial and low status — the kind of message that seems to announce that serious editors need not apply:

BMJ Open is a pure Open Access journal – which will publish a high volume of medical research articles which might be rejected from the BMJ or BMJs or which might be otherwise submitted to a journal outside the BMJ Group.

Now, there is nothing incorrect about this job ad. BMJ clearly sees a market for their new open access journal. But that's it — a market, a business opportunity. The ad is devoid of any lofty goals and aspirations for how this journal is going to improve medicine. *BMJ Open* represents a business decision



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Peer Review Cascades

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- Review model by redirecting peer-reviewed papers
- From top journal to lower-tier or spin-off journal within one publisher
- Automated manuscript transfer

Peer Review Consortia

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- Review model by redirecting peer-reviewed papers between journals of different publishers
- From top journals to low JIF journals
- From general medical journals to specific journals
- From journals of many submissions to journals of limited submissions

Peer Review Consortia

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- Contract between journals
- Sharing review comments
- Written agreement of authors
- Written agreement of reviewers

Advantages of Peer Review Consortia

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- Save time and efforts of peer review
- Collaboration and synergy between journals
- More manuscripts in the cascade or consortium
- More chance of publication for authors

Disadvantages of Peer Review Consortia

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- Hierarchy structure of journals
- Low editorial independency of journals
- Risky without high JIF journal

Examples of Peer Review Consortia

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First Submission

JKMS, YMJ, KJIM



Redirection of
Manuscripts with
Review Comments

Subspecialty
Journals in
Consortia

Suggestion of Peer Review Consortia

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- Organize a KAMJE PR Consortium between general medicine SCI journals (JKMS, YMJ) and KAMJE specialty or subspecialty journals
- Contract-based Consortia between member journals

Peer Review Cascades or Consortia


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***Thanks for your
attention!***