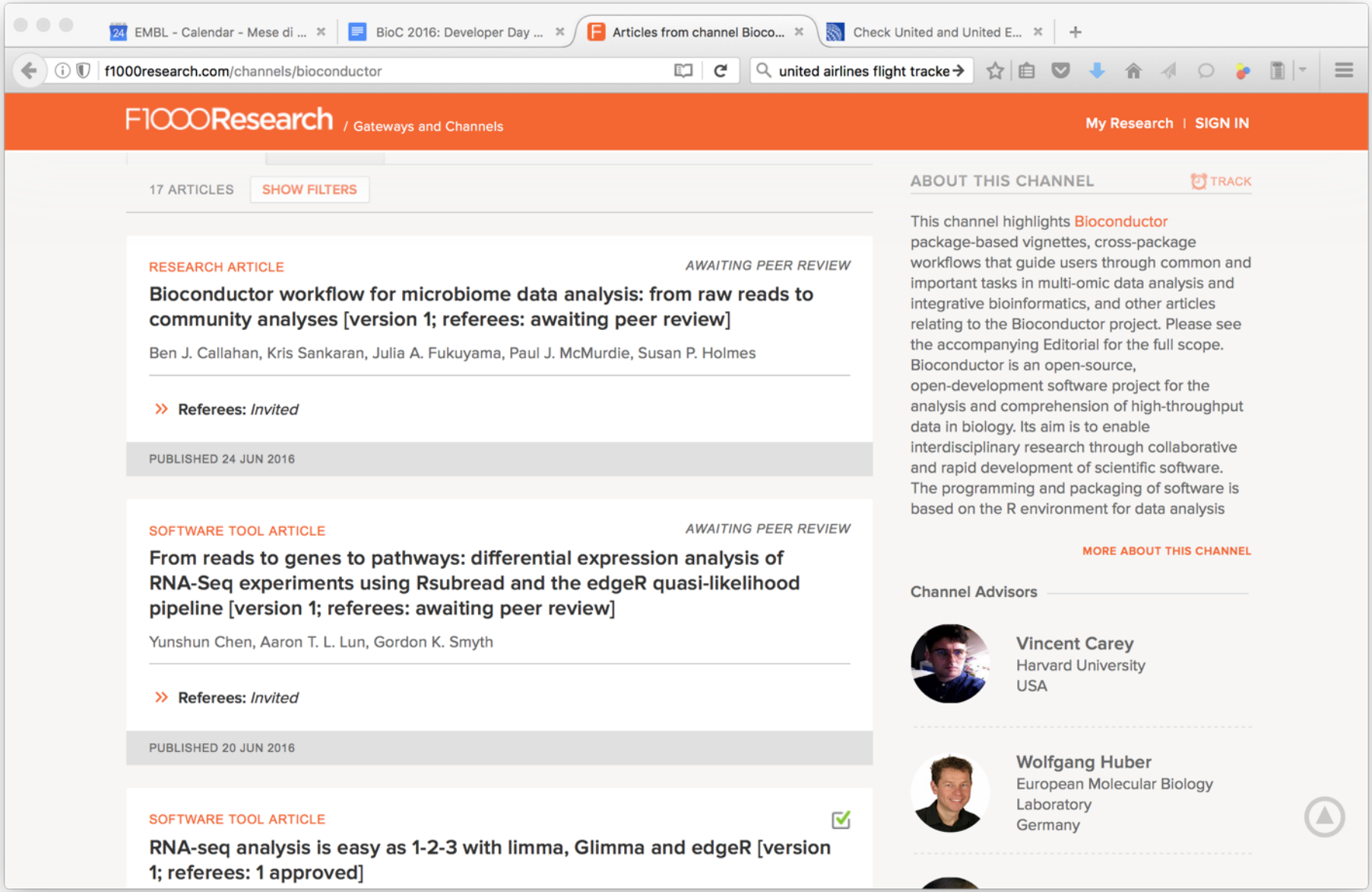
The Bioconductor channel in F1000Research



Bioconductor channel in F1000Research

Started in the autumn of 2015

A place for

- task-oriented end-to-end workflows — these invoke resources from several packages by different authors

as well as

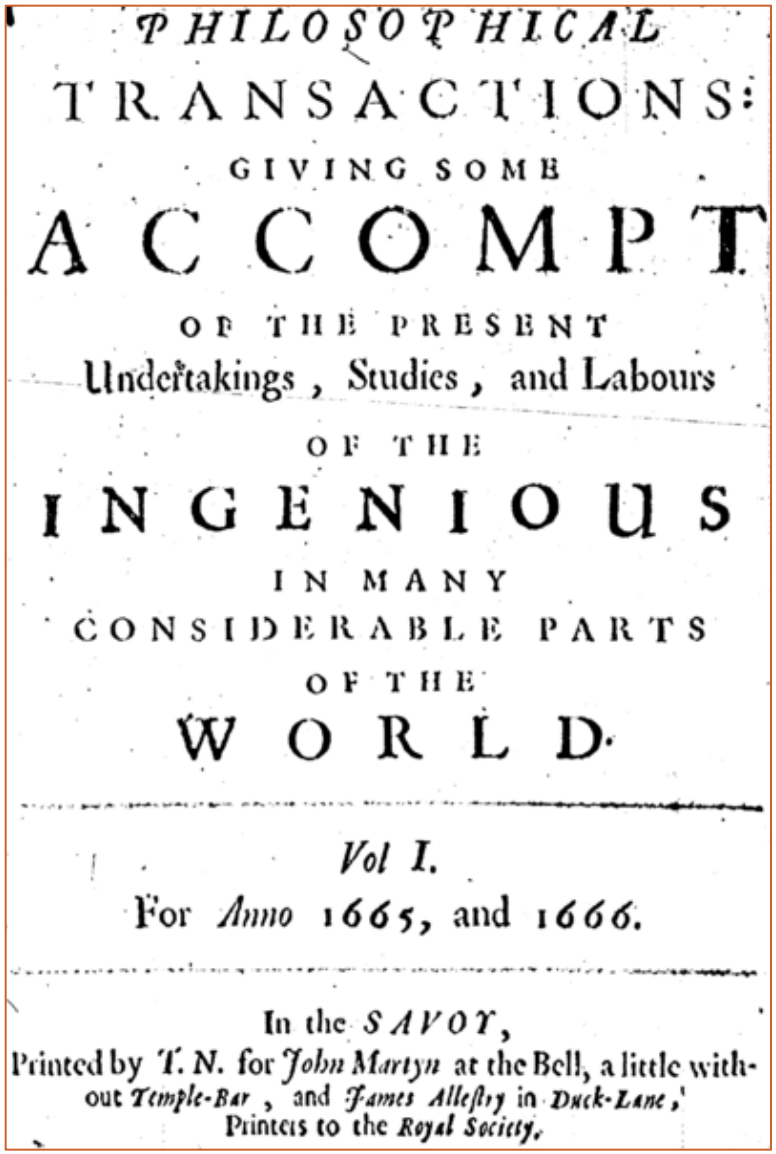
- other articles relating to the Bioconductor project. For example software papers on a single package

http://f1000research.com/channels/bioconductor

What is F1000Research?

PUBLISHING AND PEER REVIEW

- First scientific journals were not peer reviewed.
- Peer review was introduced later, and developed as a method to select what is fit to print in limited available space.
- Journals as gatekeepers.
- Current popular system of peer review dates from mid-twentieth century.



PHILOSOPHICAL
TRANSACTIONS:
GIVING SOME
ACCOMPT
OF THE PRESENT
Undertakings, Studies, and Labours
OF THE
INGENIOUS
IN MANY
CONSIDERABLE PARTS
OF THE
WORLD.

Vol I.
For Anno 1665, and 1666.

In the SAVOY,
Printed by T. N. for John Martyn at the Bell, a little without Temple-Bar, and James Allestry in Duck-Lane,
Printers to the Royal Society.

PAINFUL PUBLISHING

nature International weekly journal of science

Published online 27 April 2011 | *Nature* **472**, 391 (2011) | doi:10.1038/472391a

Column: World View

End the wasteful tyranny of reviewer experiments

Peer review of scientific papers in top journals is bogged down by unnecessary demands for extra lab work, argues Hidde Ploegh.

Hidde Ploegh

Submit a biomedical-research paper to *Nature* or other high-profile journals, and a common recommendation often comes back from

Science The World's Leading Journal of Original Scientific Research

Science 4 July 2008:
Vol. 321 no. 5885 p. 36
DOI: 10.1126/science.321.5885.36a

LETTERS

Painful Publishing

Biomedical science has never been more exciting or productive Research tools have become increasingly powerful, and progres continues to accelerate. Yet, these are stressful times for many biomedical scientists, because competition for grant support, jo publishing in the most prestigious journals is also accelerating. stress associated with publishing experimental results—a proc can take as long as obtaining the results in the first place—can much of the joy from practicing science.

"…what is in the paper is fundamentally the responsibility of the authors, not of the reviewers. "

Nobel Laureate Robert Horvitz

J. Biol. Journal of Biology

Comment

Are we training pit bulls to review our manuscripts?

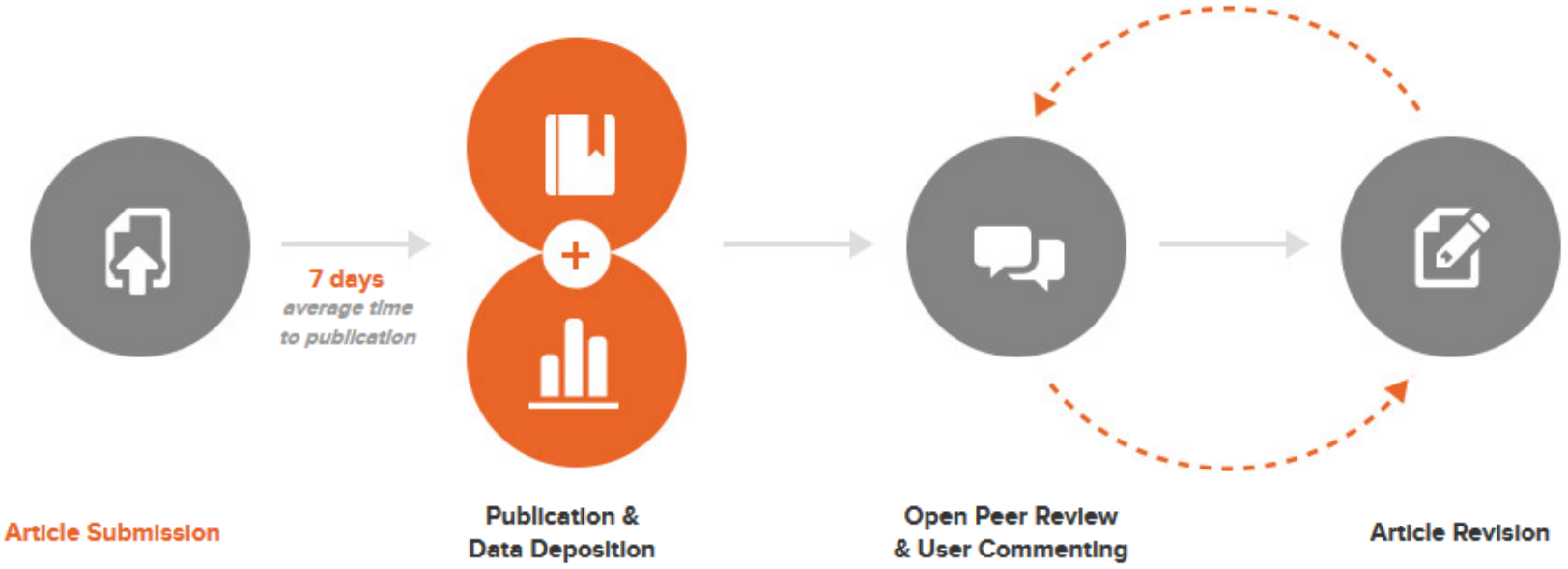
Virginia Walbot

Open Science Publishing Platform

Scope: all research – big and small – across the life sciences and medicine

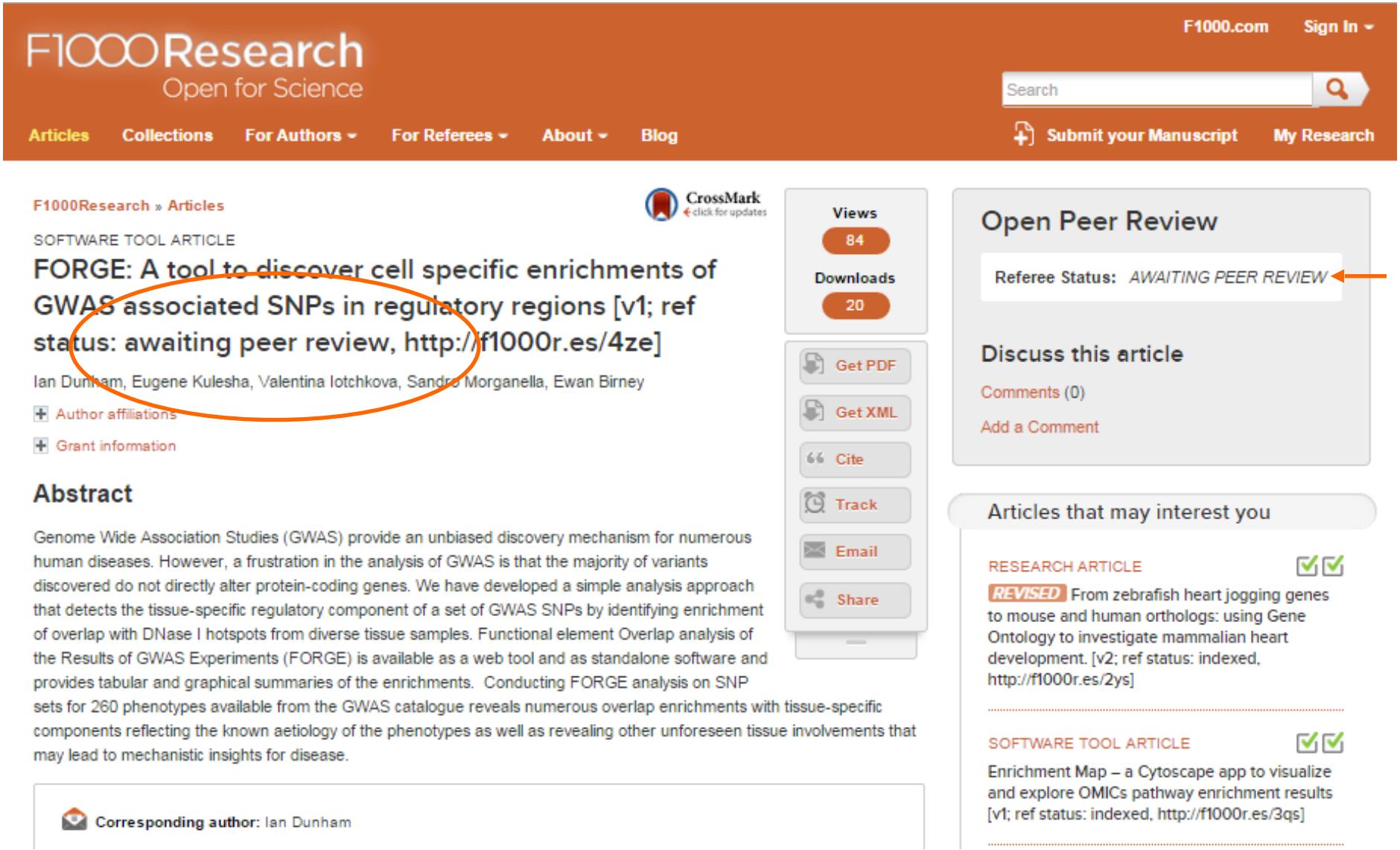
- Immediate publication
- Transparent refereeing
- No editorial bias
- All source data included
- Indexed in PubMed

F1000RESEARCH: POST-PUBLICATION PEER REVIEW

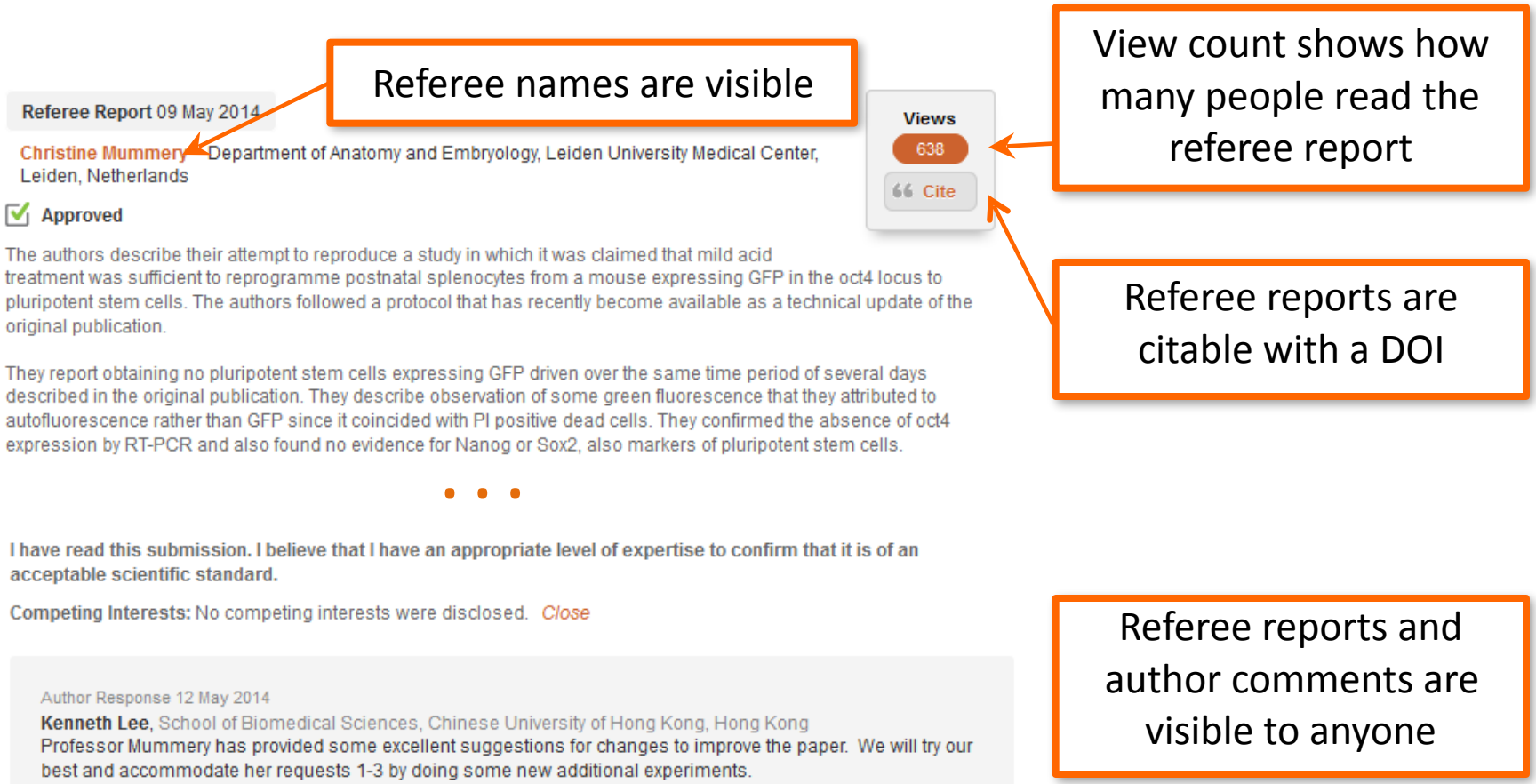


- Author-driven process: *F1000Research* articles are published online after an in-house pre-refereeing check
- Peer review and revisions are open
- Invited referees judge whether the work is scientifically sound
- Articles with sufficient positive referee reports are indexed in PubMed

POST-PUBLICATION PEER REVIEW



TRANSPARENT PEER REVIEW



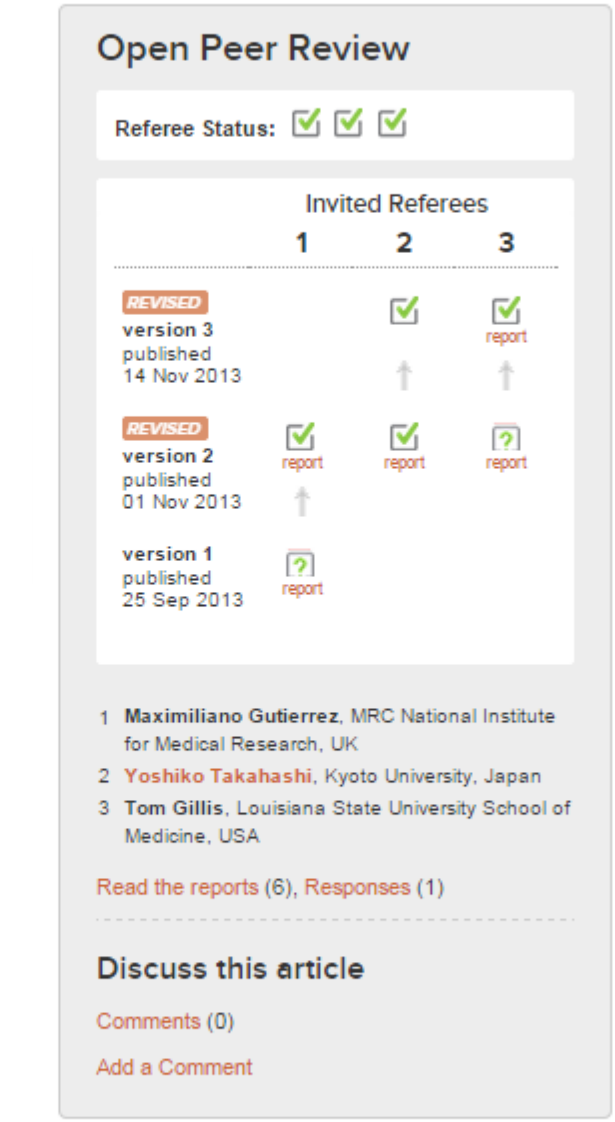
REFEREE SCORES

- Approved
- Approved with reservations
- Not approved

Articles with sufficient positive evaluations are indexed in PubMed, Scopus, and Embase

or

Articles that haven't yet reached this threshold can be revised and re-reviewed (no time limit)



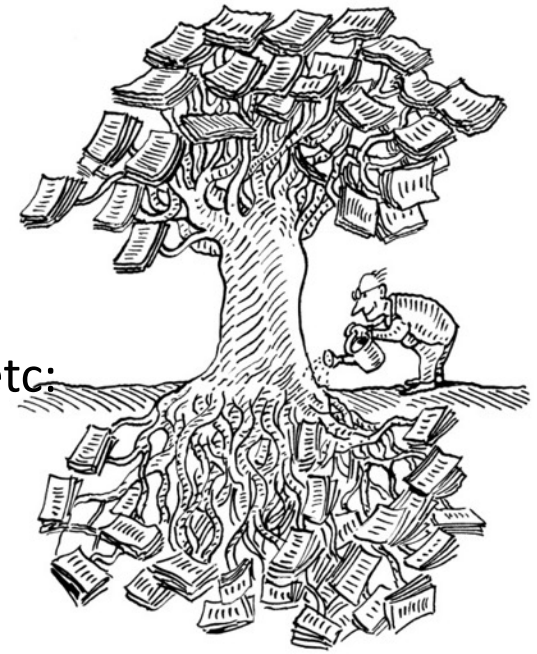
VERSIONS: LIVING ARTICLES

F1000Research articles can always be updated, even after being indexed.

Amended papers have one of two possible labels:

REVISED Authors amended their article in response to referee or community feedback

UPDATE Authors updated the article following minor developments (e.g. software updates)



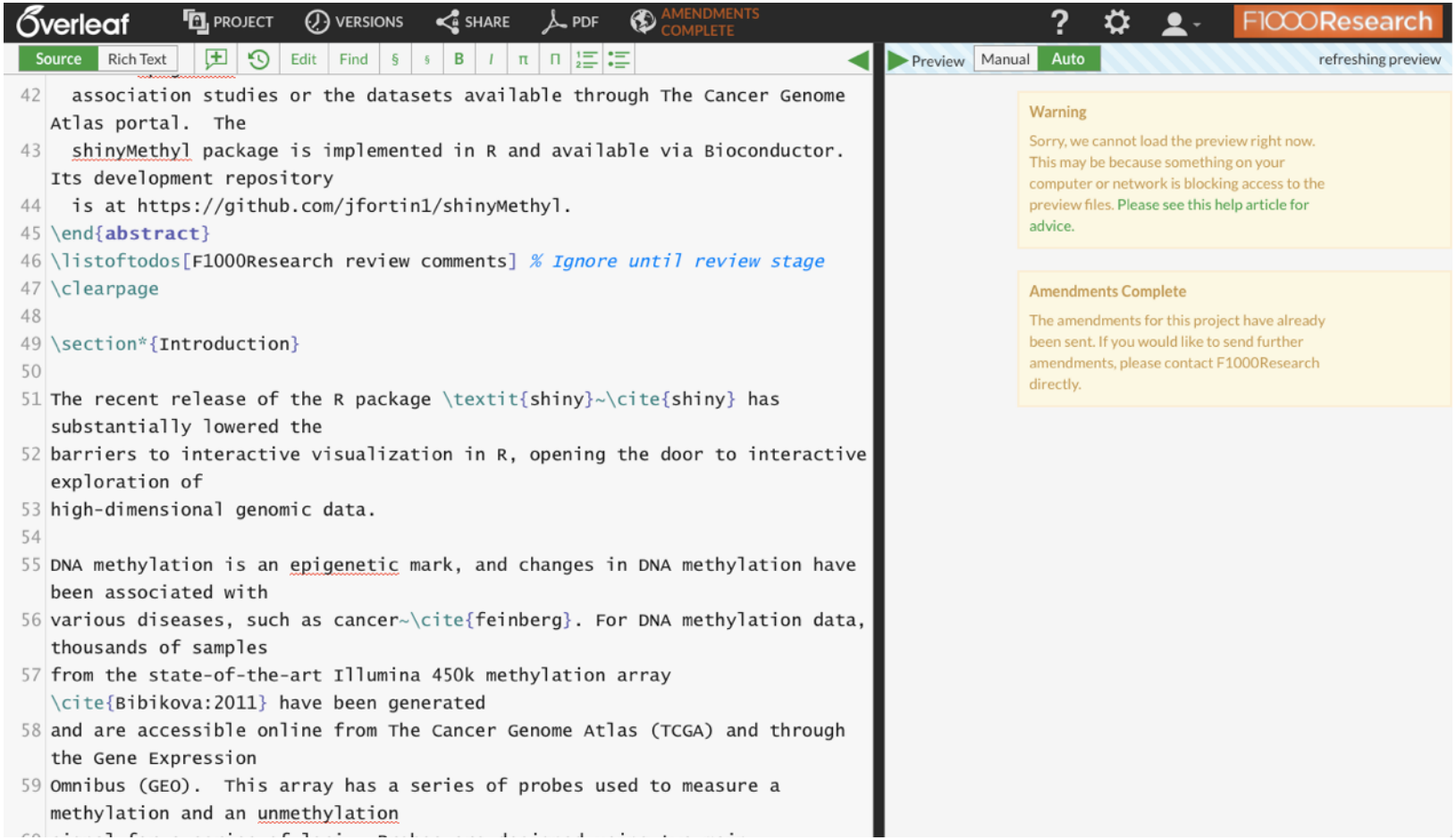
Especially useful for software tools, systematic reviews, etc:
- ensures article remains up-to-date;
- better reflects the pace of research

Each version is independently citable yet linked

All versions indexed in PubMed, PubMed Central, etc (if article passed review)

'Track' option

OVERLEAF: Online Latex editor (working on process for workflows)



Call for Contributions