

Les preprints sont une forme
recevable de publications qui
accélèrent la communication de la
recherche scientifique

Thierry Galli (@tgalli)

INSERM, Aviesan

ASAPbio

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Science is collaborative and competitive



Photo by [calafellvalo](#)



Photo by [George Makris](#)

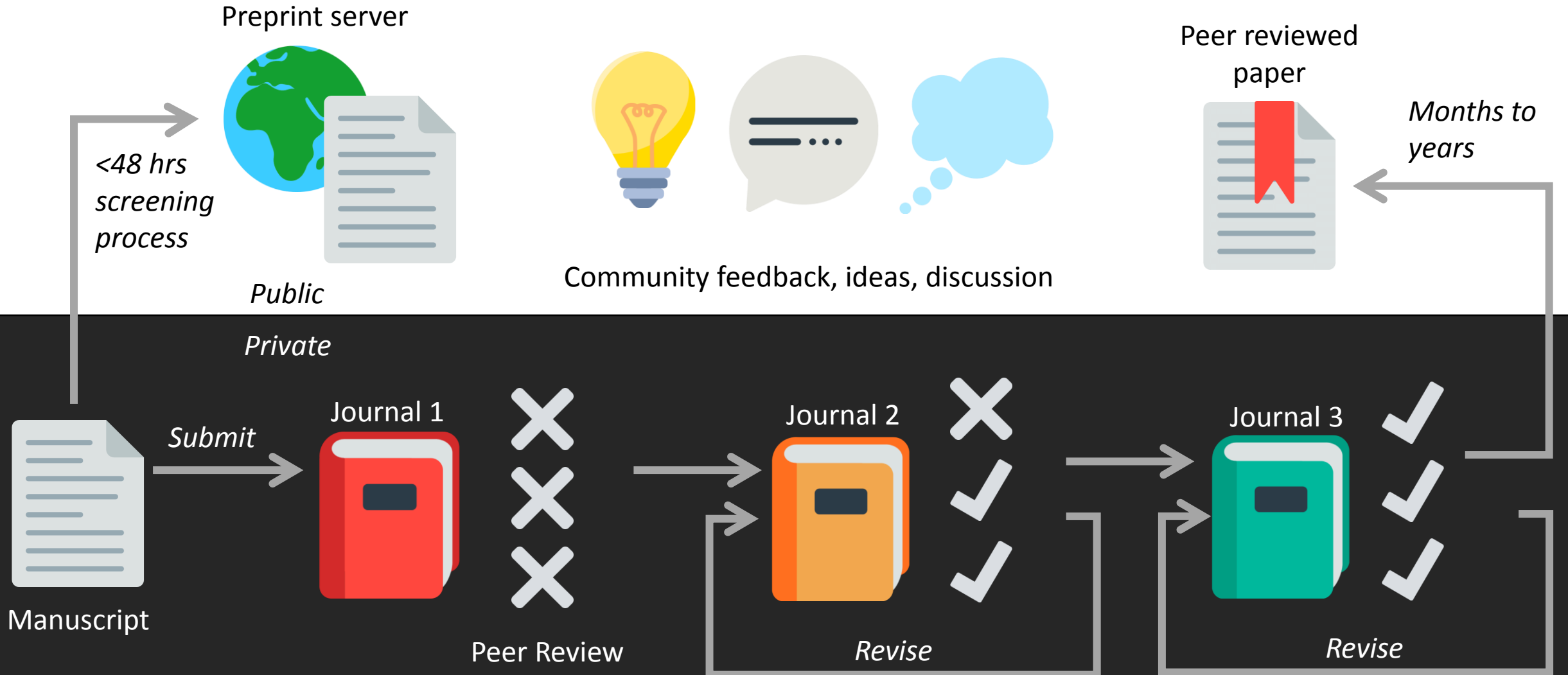
Speed benefits *both* science and scientists

Traditional publishing can hide work for months or years



Preprints are manuscripts shared online before the completion of journal-organized peer review.

Preprints make work available almost immediately

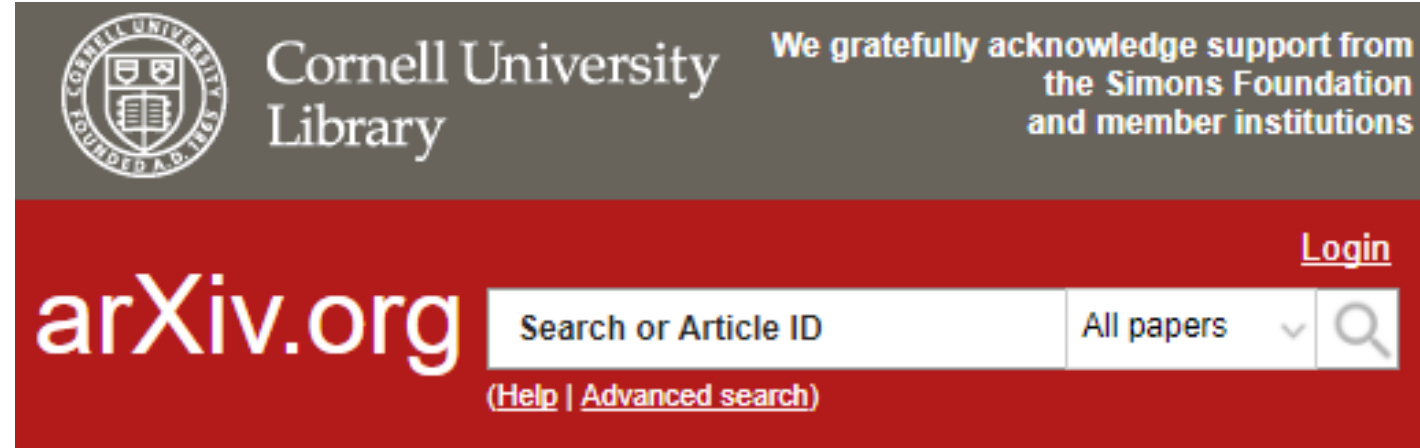


Preprints are...



- Permanent
- Versioned
- Citable

Preprints are widespread in other disciplines



Open access to 1,294,837 e-prints in Physics, Mathematics, Computer Science, Quantitative Biology, Quantitative Finance and Statistics

- Founded in 1991
- >100,000 preprints posted per year*

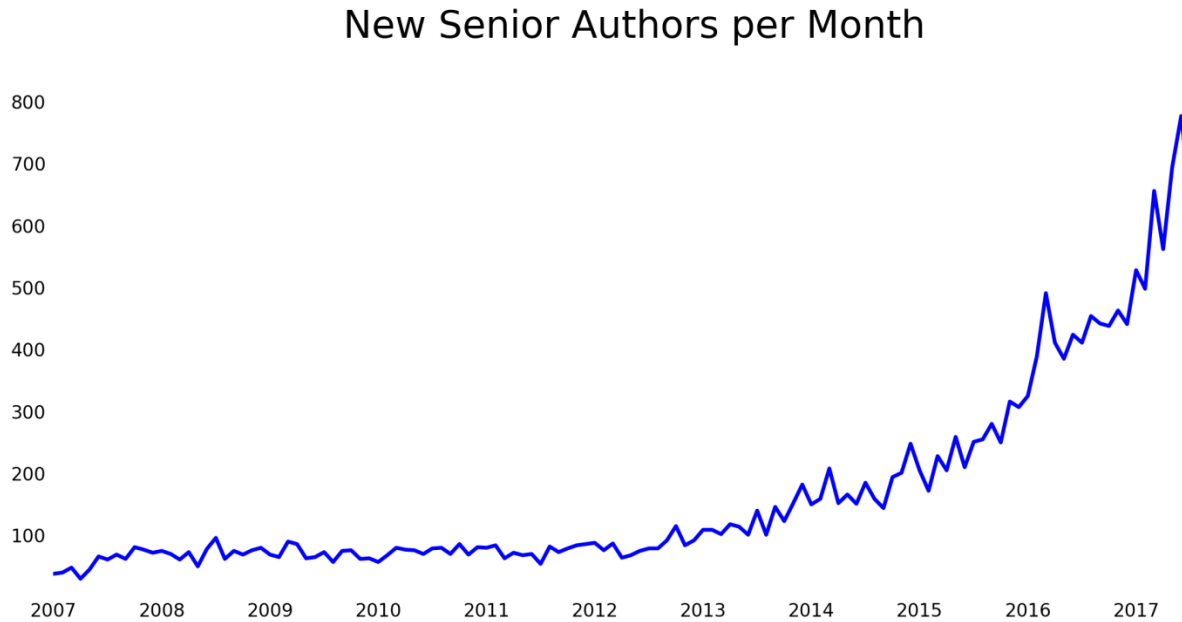
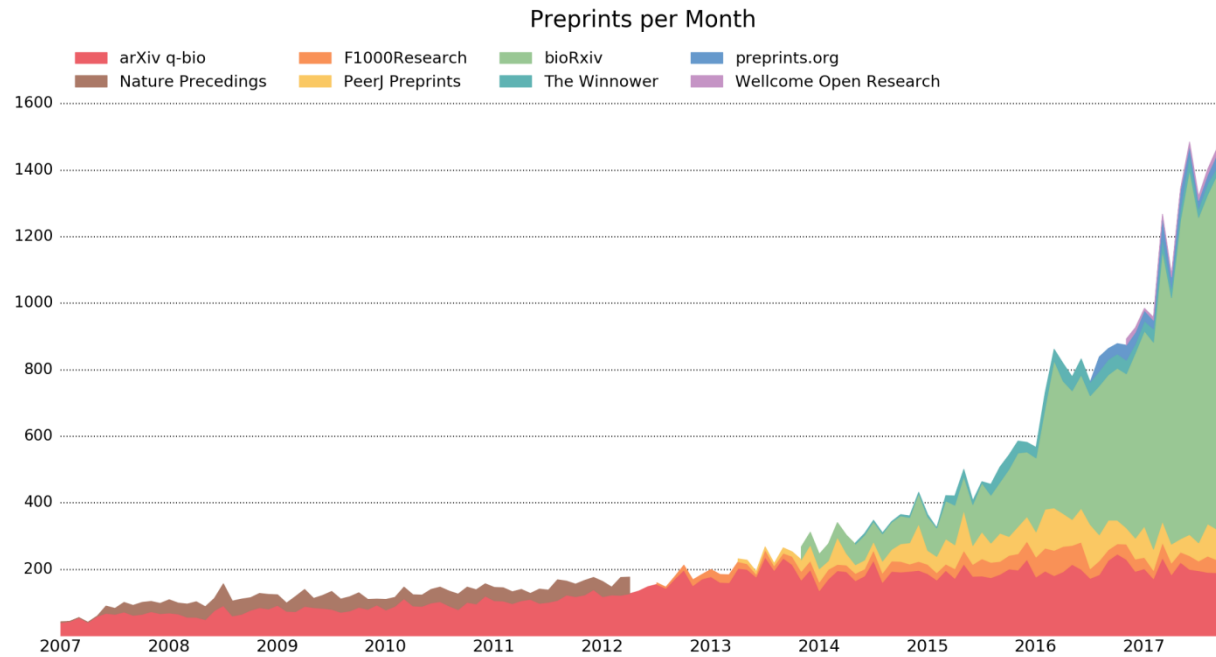
*https://arxiv.org/help/stats/2016_by_area/index



A biologist-driven non-profit working to make life sciences communication faster & more transparent



Preprinting is growing rapidly in the life sciences



Preprint servers emerging in many disciplines



Benefits of preprinting

- Gain visibility (like presenting at a meeting)
- Get more feedback to improve your paper
- Help interested journal editors find you
- Find collaborators earlier
- Create a record of what was done on what date
- Demonstrate productivity for jobs & grants
- Accelerate discovery

Personal experiences with preprints:

asapbio.org/preprint-info/preprint-stories

Funders encouraging preprints as evidence of productivity in grant applications & reports



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FUNDING FRONTIER RESEARCH INTO COMPLEX BIOLOGICAL SYSTEMS
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Current list and links to policies at asapbio.org/funder-policies

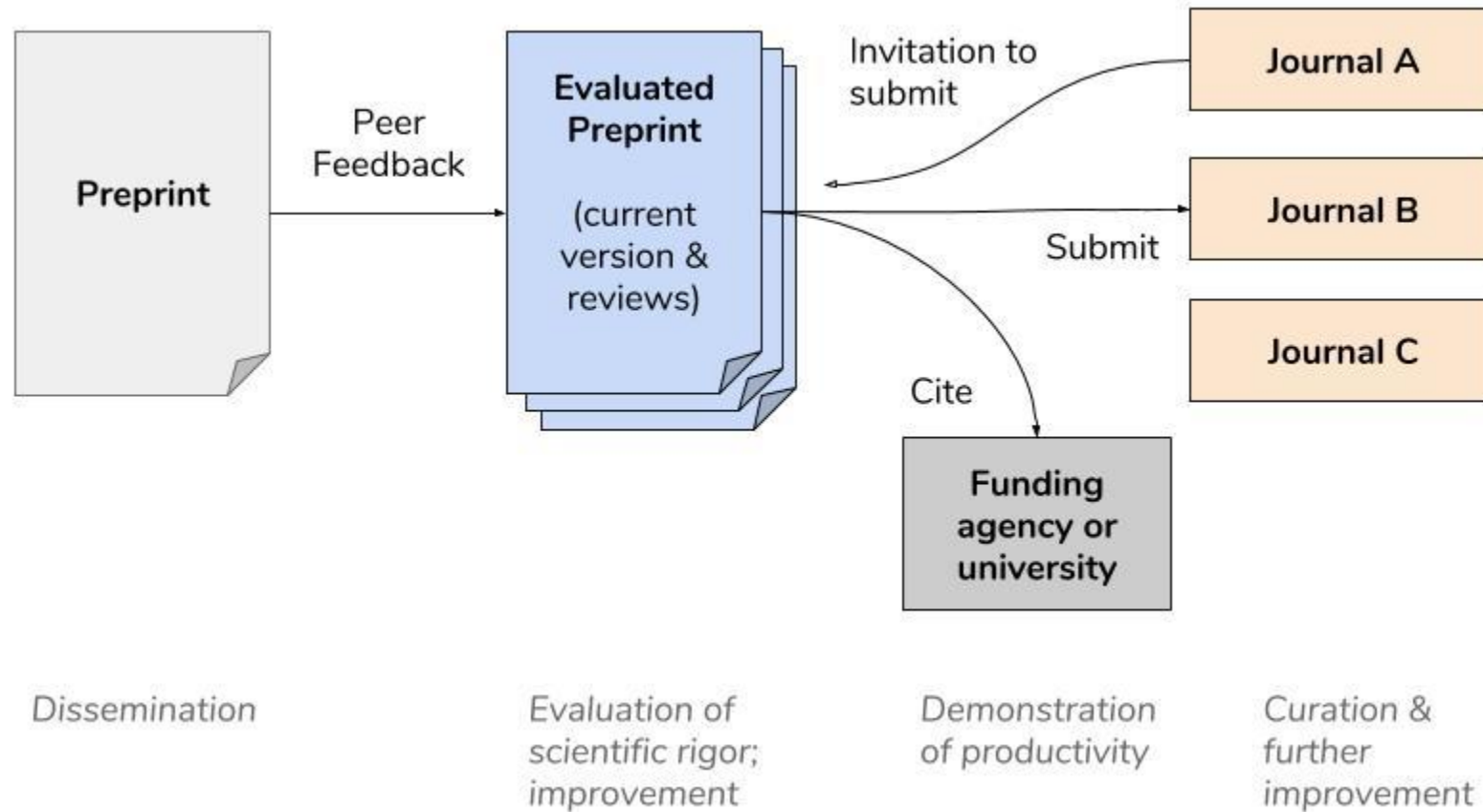
In France: position paper of the alliances

October 17 2017



- For over two decades, the Physics, Mathematics and Computer Science communities disseminate their manuscripts before peer review (known as preprints), as a complement to the publication of scientific articles according to the classical standards, in order to accelerate and consolidate the dissemination of knowledge for the benefits of research communities as well as for society more broadly. The arXiv.org server, for example, has greatly contributed to this phenomenon.
- However, the use of preprints remains marginal in the Life Sciences, despite the recent introduction and progress of servers such as BiorXiv.org or PeerJ Preprints. In the beginning of 2016, the ASAPBio meeting (Accelerating Science and Publication in Biology) underlined the need to valorize preprints in the entire system of knowledge production: citation, evaluation, recruitment, promotion, etc.
- Consequently, the alliances **AllEnvi and AvieSan**, in order not to discourage a movement with potential benefits for scientific progress, **declare that they recognize preprints as a valid form of scientific communication, especially for the results of basic science.** Their production should thus be taken into account, in a specific manner, in the processes of hiring, evaluation and promotion of researchers as well as in the management of laboratories or in project evaluation.

Preprint and reviewing? Ongoing discussion @ASAPbio



Three common concerns about preprints

Concern 1: I'm going to get scooped

ie: preprints are public but not obviously well-respected



Paul Ginsparg, founder of arXiv on scooping:

“It can’t happen, since arXiv postings are accepted as date-stamped priority claims.”

asapbio.org/preprint-info/preprint-faq

39 responses (EMBO Postdoc Fellows meeting, 2016)

Concern 2: What about journals?

Journals allowing preprints



& many more

How to check if a journal allows preprints



List of academic journals by preprint policy

From Wikipedia, the free encyclopedia

en.wikipedia.org/wiki/List_of_academic_journals_by_preprint_policy

- Easy to use
- Can contain detailed information about policy



Search - Publisher copyright policies & self-archiving

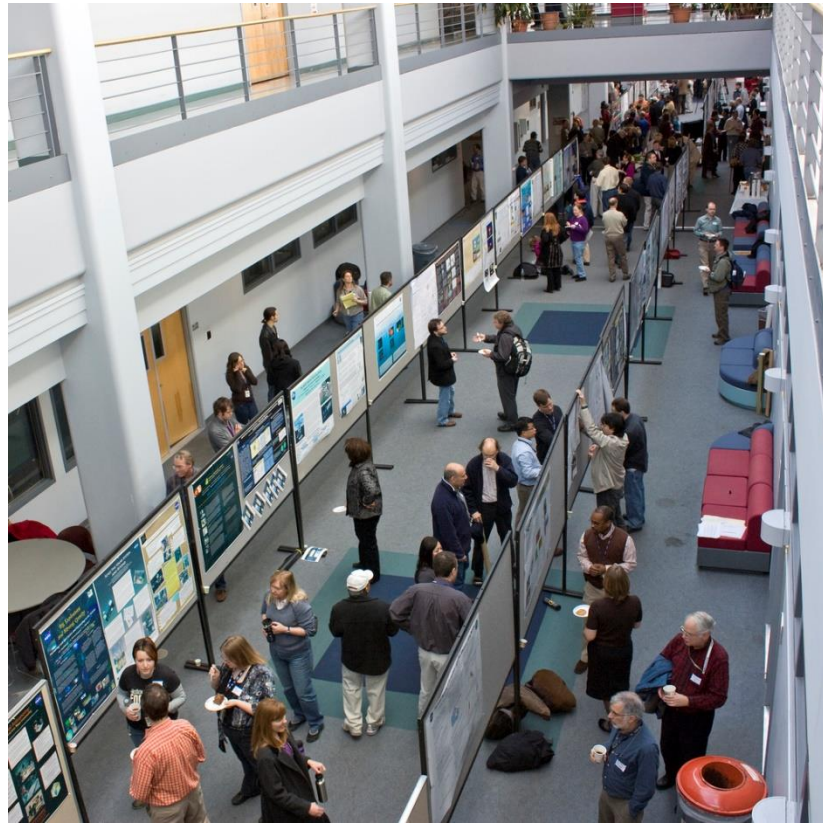
sherpa.ac.uk/romeo

- Comprehensive

Always double check the policies on the journal website!

Concern 3: Information overload/ “fake news”

Sharing work before peer review is common practice



Flickr/NASA Goddard

- arXiv has been operating for over a quarter of a century
- Preprints are used in many other field like social science (SSRN) and economics (RePEC)
- Reputation is important

Should preprints be cited?



- What is a citation?
- Peer review improves, but does not perfect
- Disallowing citation of preprints would invite plagiarism

<http://fossilsandshit.com/should-we-cite-preprints/>

Resources at asapbio.org/preprint-info



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Preprint info center

What is a preprint?

A preprint is a complete scientific manuscript that is uploaded by the authors to a public server. The preprint contains complete data and methodologies; it is often the same manuscript being submitted to a journal (see FAQ on submitting preprints). After a brief quality-control inspection to ensure that the work is scientific in nature, the author's manuscript is posted within a day or so on the Web without peer review and can be viewed without charge by anyone in the world. Based upon feedback and/or new data, new versions of your preprint can be submitted; however, prior preprint versions are also retained. Preprint servers allow scientists to directly control the dissemination of their work to the world-wide scientific community. In most cases, the same work posted as preprint also is submitted for peer review at a journal. Thus, preprints (rapid, but not validated through peer-review) and journal publication (slow, but providing validation using peer-review) work in parallel as a communication system for scientific research.

Have a specific question? [Visit the preprint FAQ](#)

How fast is preprinting in biology growing? [View statistics](#)

How do institutions view preprints? View new policies from [journals](#), [funders](#), and [universities](#)

PREPRINT-RELATED EVENTS

There are no upcoming events at this time.

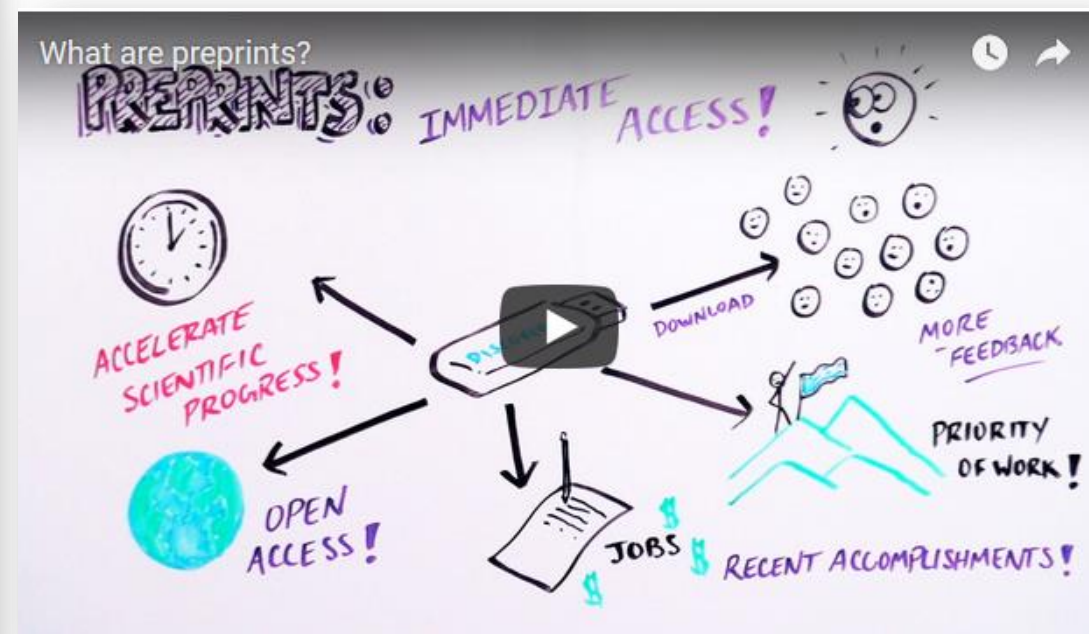
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Promoting preprint awareness through peers



asapbio.org/asapbio-ambassadors

Asapbio.org/stickers