

Preprints na (r)evolução do sistema de publicação: mitos, fatos e contextos

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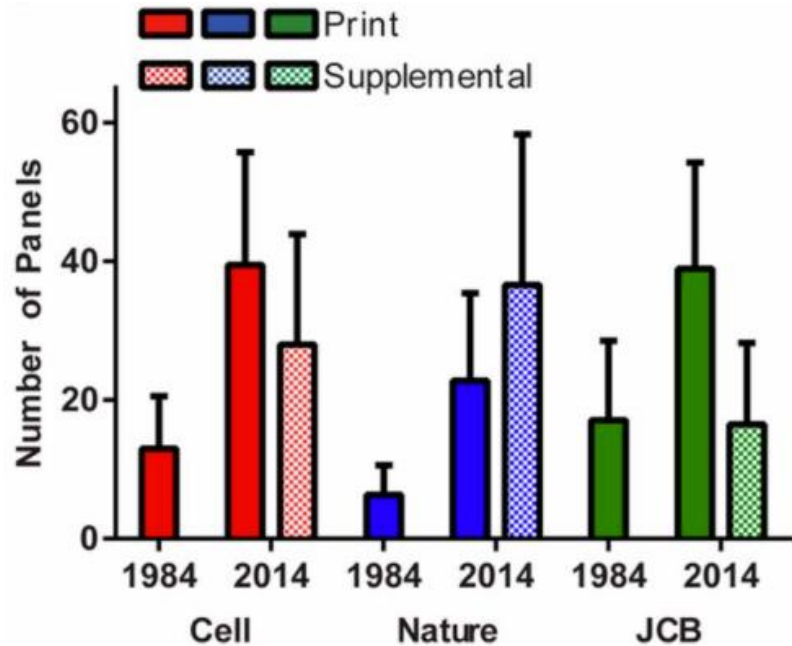
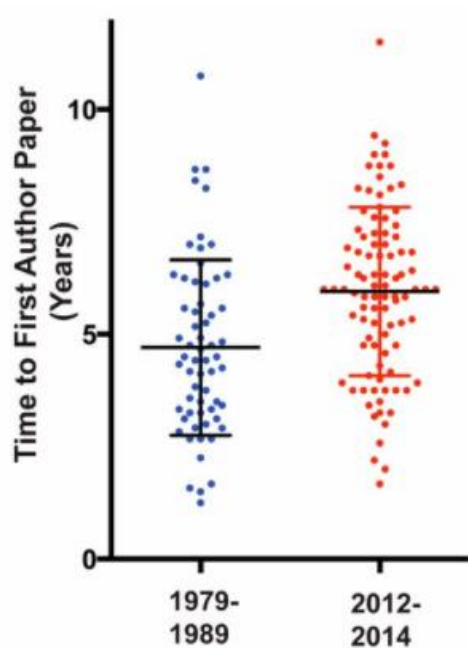
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ASAPbio is a biologist-driven non-profit working to make life sciences communication faster and more transparent

We support the productive use of preprints in the life sciences and transparency in peer review



Creating a publishable unit is slower than ever



Accelerating scientific publication in biology

Ronald D. Vale. Proceedings of the National Academy of Sciences Nov 2015, 112 (44) 13439-13446

DOI: 10.1073/pnas.1511912112

What is a preprint?

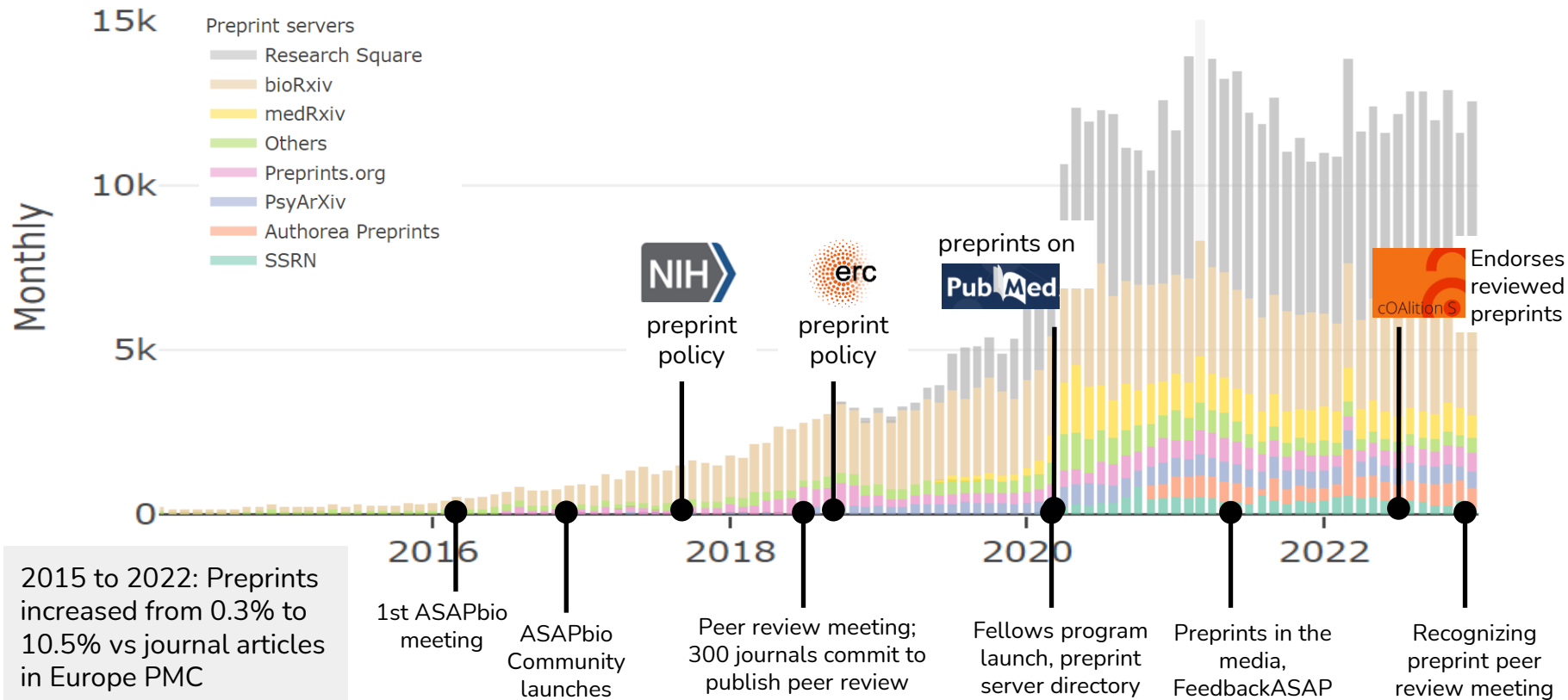


A scholarly manuscript posted by the author(s) to a repository or platform to facilitate open and broad sharing of early work without any limitations to access

Preprints:

- Receive a DOI (or persistent identifier) - they are permanent citable records
- Are not peer reviewed by the server
- Can be versioned - easier corrections & updates

Preprints in the life sciences & ASAPbio in context

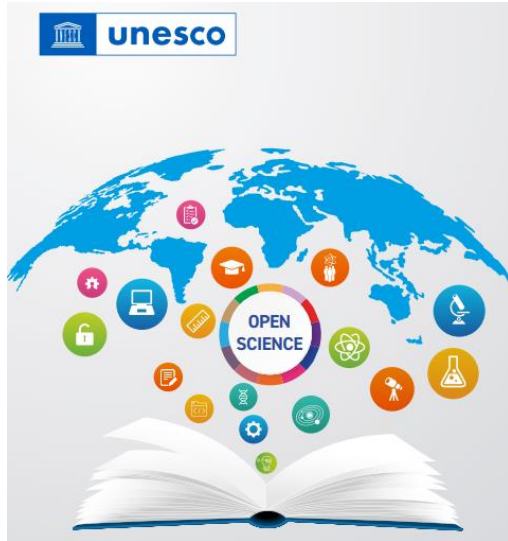


Preprints put researchers in control

Preprints allow researchers to choose **when** to communicate their work



Preprints allow researchers to practice **open science**



UNESCO recommendations on open science

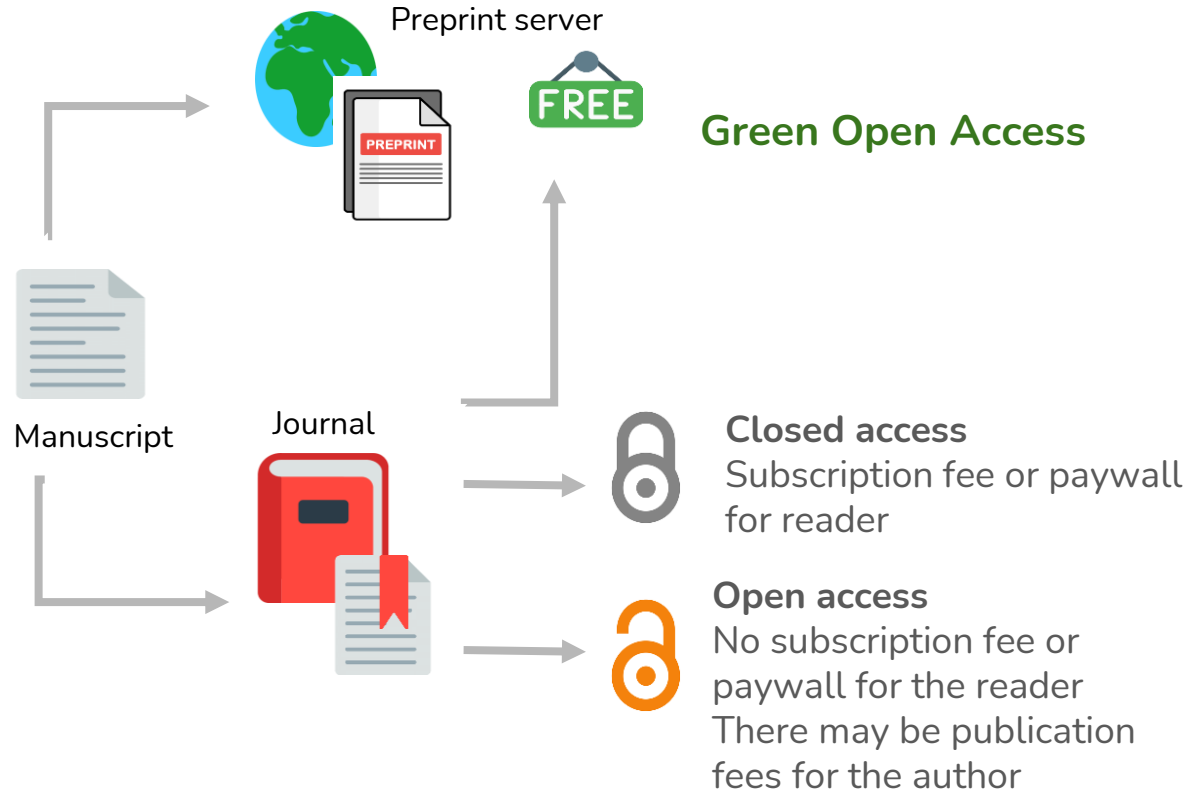
(vi) Promoting innovative approaches for open science at different stages of the scientific process

*Promoting open science from the outset of the research process and extending the principles of openness in **all stages of the scientific process to improve quality and reproducibility, including the encouragement of community-driven collaboration and other innovative models, for example preprints, clearly distinguished from final peer-reviewed publications, and respecting the diversity of scientific practices [...]***

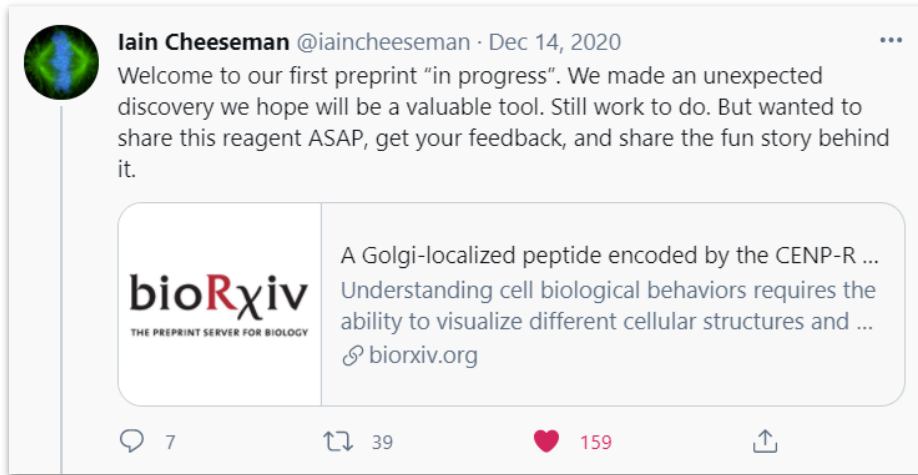
en.unesco.org/science-sustainable-future/open-science/recommendation

Preprints allow researchers to make their research findings **broadly and freely available**

Preprints are **free to post** and **free to access** - anyone with an internet connection can access



Preprints allow researchers to receive community feedback



Iain Cheeseman @iaincheeseman · Dec 14, 2020

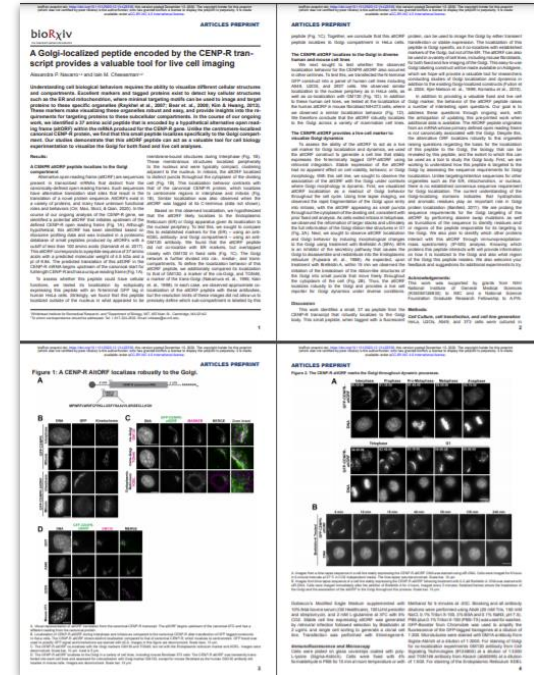
Welcome to our first preprint "in progress". We made an unexpected discovery we hope will be a valuable tool. Still work to do. But wanted to share this reagent ASAP, get your feedback, and share the fun story behind it.

bioRxiv
THE PREPRINT SERVER FOR BIOLOGY

A Golgi-localized peptide encoded by the CENP-R ...
Understanding cell biological behaviors requires the ability to visualize different cellular structures and ...
🔗 www.biorxiv.org

7 replies, 39 retweets, 159 likes

twitter.com/iaincheeseman/status/1338449967963369474
www.biorxiv.org/content/10.1101/2020.12.13.422530v1.full



The image shows two pages of a preprint manuscript. The left page is the title page, and the right page is the first page of the main text. Both pages feature the bioRxiv logo and the text "ARTICLES PREPRINT".

bioRxiv
ARTICLES PREPRINT

A Golgi-localized peptide encoded by the CENP-R transcript provides a valuable tool for live cell imaging

Abstract & Figures · Version 10, December 14, 2020

Understanding cell biological behaviors requires the ability to visualize different cellular structures and compartments. Excellent markers and reagent systems exist to detect key cellular structures such as the Golgi apparatus. However, the ability to visualize specific Golgi compartments and organelles in live cells remains a challenge. Here, we describe a novel reagent system for targeting proteins to these subcellular compartments. In the course of our ongoing work, the synthesis of a GFP fusion and peptide that is encoded by a highly conserved domain of the CENP-R protein, we found that this small peptide localizes specifically to the Golgi compartment. Our results demonstrate that this small peptide can act as a valuable tool for cell biological experiments to visualize the Golgi for both fixed and live cell analysis.

Results

A GFP::CENP-R peptide localizes to the Golgi compartment. To visualize the Golgi apparatus in live cells, we synthesized a GFP::CENP-R peptide that targets the Golgi apparatus. This peptide localizes to the Golgi apparatus in live cells, as shown by immunofluorescence microscopy. The localization of the GFP::CENP-R peptide is dependent on the presence of the CENP-R protein. The localization of the GFP::CENP-R peptide is also dependent on the presence of the CENP-R protein. The localization of the GFP::CENP-R peptide is also dependent on the presence of the CENP-R protein.

Introduction

The Golgi apparatus is a central organelle in the cell, responsible for the processing and transport of proteins. It is composed of several compartments, including the cis, medial, and trans Golgi. The Golgi apparatus is essential for the function of many cells, and its dysfunction can lead to a variety of diseases. Therefore, it is important to have tools that allow us to visualize the Golgi apparatus in live cells. This is particularly important for the study of Golgi dynamics and the effects of various treatments on Golgi function.

Discussion

Our results demonstrate that the GFP::CENP-R peptide is a valuable tool for visualizing the Golgi apparatus in live cells. This peptide localizes specifically to the Golgi compartment, and its localization is dependent on the presence of the CENP-R protein. This makes it an ideal tool for studying Golgi dynamics and the effects of various treatments on Golgi function.

Conclusions

The GFP::CENP-R peptide is a valuable tool for visualizing the Golgi apparatus in live cells. This peptide localizes specifically to the Golgi compartment, and its localization is dependent on the presence of the CENP-R protein. This makes it an ideal tool for studying Golgi dynamics and the effects of various treatments on Golgi function.

Preprints allow researchers to receive community feedback



Iain Cheeseman @iaincheeseman · Apr 5

Welcome to our revised "Preprint in Progress". If you are just tuning in, we found a hidden peptide with beautiful Golgi localization. A valuable imaging tool, but a new area for us. @alexnavar has now conducted new experiments based on your feedback.

bioRxiv
THE PREPRINT SERVER FOR BIOLOGY

Identification of a Golgi-localized peptide encoded...
Understanding cell biological behaviors requires the ability to visualize different cellular structures and ...
@biorxiv.org

3

9

79



twitter.com/iaincheeseman/status/1379026335633399811
www.biorxiv.org/content/10.1101/2020.12.13.422530v2

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The image displays a grid of bioRxiv preprint pages. The top-left page is titled "Identification of a Golgi-localized peptide encoded by the CENP-R transcript" and includes a bioRxiv logo and a brief abstract. The middle-left page is titled "Figure 1: A CENP-R AICDF localizes retroly to the Golgi" and features several fluorescence microscopy images labeled A through E. The middle-right page is titled "Figure 2: The CENP-R AICDF marks the Golgi throughout dynamic processes" and shows a series of time-lapse microscopy images. The bottom-left page is titled "Figure 3: Sequence requirements for CENP-R AICDF Golgi localization" and includes a schematic diagram and microscopy images. The rightmost column contains several pages with the text "ARTICLES PREPRINT" repeated at the top of each page, indicating that the full text of these articles is not visible in this view.

Preprints - additional benefits for researchers



Journal compatible

A majority of journals in the life sciences accept preprints



Visibility & reach

Greater attention & citations for the peer-reviewed article



Proof of productivity

A number of funders encourage preprints in grant applications & reports

5 steps to have the best experience posting a preprint

Post your preprint in 5 steps



1. Get your co-authors on board

Any questions? Check the preprint resources available at asapbio.org/preprint-info.



2. Choose a server

A list of preprint servers is available at asapbio.org/preprint-servers. Consider where to post according to the type of paper (primary research, narrative review), disciplinary scope, server visibility and indexing.



3. Check journal policies

A large majority of journals in life sciences accept preprints. Information on policies related to preprints at a range of publishers is available on [Wikipedia](#).



4. Choose a license

Check the [ASAPbio licensing FAQ](#) for information on copyright and license options for preprints.



5. Prepare your manuscript

Prepare the paper per the preprint server's guidelines, taking as much care as for journal submission. Upload any code/data/reagents you want to share to appropriate repositories.



“Post”-Preprinting - Reviewing preprints



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“Post”-Preprinting - Reviewing preprints



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New Results

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Adiponectin Reverses β -Cell Damage and Impaired Insulin Secretion Induced by Obesity

Ana Cláudia Munhoz, Julian D. C. Serna, Eloisa Aparecida Vilas-Boas, Camille C. Caldeira da Silva, Tiago Goss dos Santos, Francielle C. Mosele, Sergio L. Felisbino, Vilma Regina Martins, Alicia J. Kowaltowski

doi: <https://doi.org/10.1101/2022.07.22.501128>

Now published in *Aging Cell* doi: [10.1111/acel.13827](https://doi.org/10.1111/acel.13827)



Abstract

Full Text

Info/History

Metrics

Preview PDF

Evaluation/discussion of this paper

x



Community Reviews

bioRxiv aims to inform readers about online discussion of this preprint occurring elsewhere. The content at the links below is not endorsed by either bioRxiv or the preprint's authors.

ASAPbio crowd review

05 Oct 2022

Review by anonymous

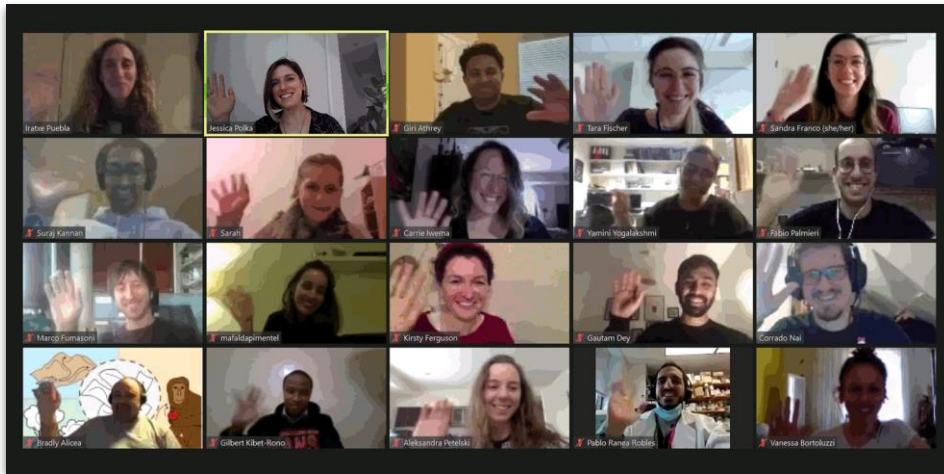
[Read on ASAPbio crowd review](#)

[Read on Sciety](#)

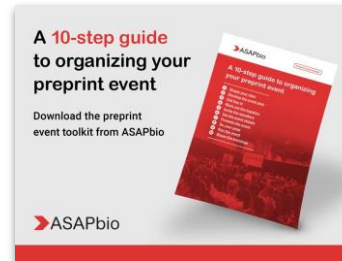
Nurturing preprint advocates through community programs

Fellows program

Provides participants with tools and skills to drive discussions about the productive use of preprints in the life sciences

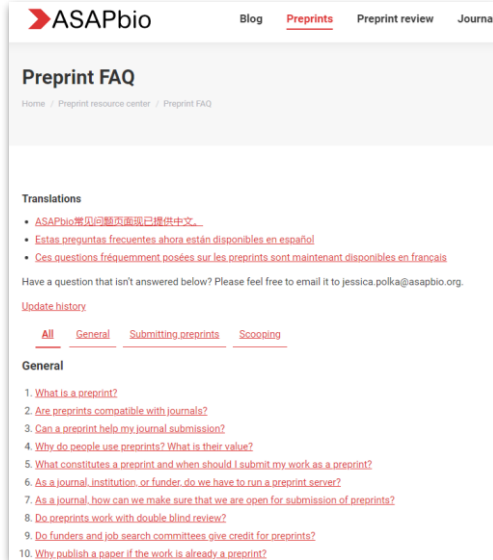


- 8-month program
- Monthly cohort calls
- Work on a preprint project



Support adoption of preprints through community resources

Preprints FAQ



ASAPbio Blog Preprints Preprint review Journal

Preprint FAQ

Home / Preprint resource center / Preprint FAQ

Translations

- ASAPbio常見問題與回覆已提供中文。
- Estas preguntas frecuentes ahora están disponibles en español
- Ces questions fréquemment posées sur les preprints sont maintenant disponibles en français

Have a question that isn't answered below? Please feel free to email it to jessica.polka@asapbio.org.

[Update history](#)

[All](#) [General](#) [Submitting preprints](#) [Scooping](#)

General

1. [What is a preprint?](#)
2. [Are preprints compatible with journals?](#)
3. [Can a preprint help my journal submission?](#)
4. [Why do people use preprints? What is their value?](#)
5. [What constitutes a preprint and when should I submit my work as a preprint?](#)
6. [As a journal, institution or funder, do we have to run a preprint server?](#)
7. [As a journal, how can we make sure that we are open for submission of preprints?](#)
8. [Do preprints work with double blind review?](#)
9. [Do funders and job search committees give credit for preprints?](#)
10. [Why publish a paper if the work is already a preprint?](#)

A guide to preprinting for early-career researchers



Biology Open Articles About us For authors Journal info

Volume 11, Issue 7 July 2022

REVIEW | 25 JULY 2022

A guide to preprinting for early-career researchers

Cassandra L. Ettinger, Madhumala K. Sadanandappa, Kivanç Görgülü, Karen L. Coghlan, Kenneth K. Hallenbeck, Iratxe Puebla

Author and article information
Biol Open (2022) 11 (7): bio059310.
<https://doi.org/10.1242/bio.059310>

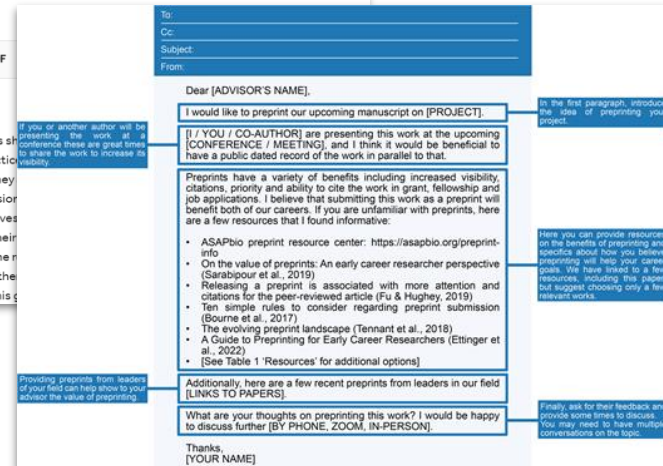
Split-screen Views PDF

ABSTRACT

The use of preprints, research manuscripts submitted prior to peer review, is becoming a more common practice. Early-career researchers (ECRs) benefit from posting preprints as they can receive feedback from peers and journal makers. Therefore, ECRs may find themselves in a position where they are unsure how to approach their experiences as ECRs, and feedback from the community can be helpful. This guide provides information on who are considering preprinting to enable them to make informed decisions about preprinting options. We hope that this guide will be helpful to you.

Article contents

ABSTRACT
Introduction
Do your research: what is a preprint?



To: _____
Cc: _____
Subject: _____
From: _____

Dear [ADVISOR'S NAME],

I would like to preprint our upcoming manuscript on [PROJECT].

If I / YOU / CO-AUTHOR are presenting this work at the upcoming [CONFERENCE / MEETING], and I think it would be beneficial to have a public dated record of the work in parallel to that.

Preprints have a variety of benefits including increased visibility, citations, priority and ability to cite the work in grant, fellowship and job applications. I believe that submitting this work as a preprint will benefit both of our careers. If you are unfamiliar with preprints, here are a few resources that I found informative:

- ASAPbio preprint resource center: <https://asapbio.org/preprint-info>
- On the value of preprints: An early career researcher perspective (Sarabipour et al., 2019)
- Releasing a preprint is associated with more attention and citations for the peer-reviewed article (Fu & Hughey, 2019)
- Ten simple rules to consider regarding preprint submission (Bourne et al., 2017)
- The evolving preprint landscape (Tennant et al., 2018)
- A Guide to Preprinting for Early Career Researchers (Ettinger et al., 2022)
- [See Table 1 'Resources' for additional options]

Additionally, here are a few recent preprints from leaders in our field [LINKS TO PAPERS].

What are your thoughts on preprinting this work? I would be happy to discuss further [BY PHONE, ZOOM, IN-PERSON].

Thanks,
[YOUR NAME]

asapbio.org/preprint-info/preprint-faq

Translations to French, Spanish &
Chinese available




<https://journals.biologists.com/bio/article/11/7/bio059310/276073/A-guide-to-preprinting-for-early-career>

Support adoption of preprints through community resources

Preprints infographics

Preprints

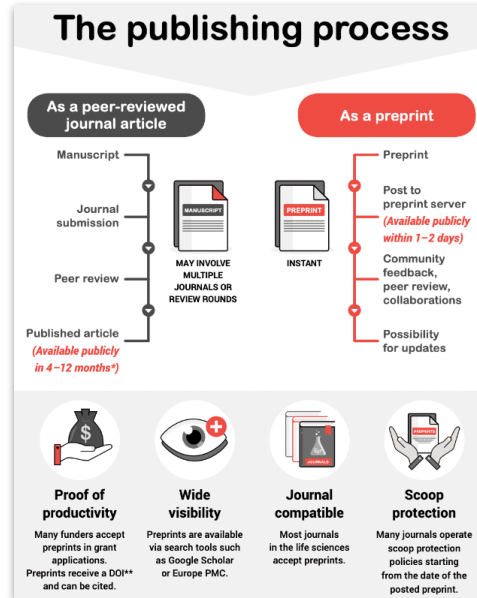
What are they?
A preprint is a **scientific manuscript** that is uploaded by the authors to a **public server**



Why should I care?

- Priority claim**
By posting a preprint researchers can disclose their completed study immediately and without access barriers.¹
- Increase citations**
Articles get 36% more citations if they have a prior associated preprint.²
- Receive feedback**
Improve your manuscript by getting valuable comments on your research prior to publication.³
- Proof of productivity**
A preprint provides funders and hiring committees with public evidence of your work.⁴

Infographics by ASAPbio Fellows:
Ana Dorrego-Rivas (@adorrego), Carrie Iversen
and Malinda Peterson (@Mal_Peterson)



ASAPbio

ASAPbio.org

Post your preprint in 5 steps

- 1. Get your co-authors on board**
Any questions? Check the preprint resources available at asapbio.org/preprint-info.
- 2. Choose a server**
A list of preprint servers is available at asapbio.org/preprint-servers. Consider where to post according to the type of paper (primary research, narrative review), disciplinary scope, server visibility and indexing.
- 3. Check journal policies**
A large majority of journals in life sciences accept preprints. Information on policies related to preprints at a range of publishers is available on [Wikipedia](https://www.wikipedia.org).⁵
- 4. Choose a license**
Check the [ASAPbio licensing FAQ](#) for information on copyright and license options for preprints.
- 5. Prepare your manuscript**
Prepare the paper per the preprint server's guidelines, taking as much care as for journal submission. Upload any code/data/reagents you want to share to appropriate repositories.

Post the preprint!
Share it with colleagues via social media or email

asapbio.org/preprint-info#infographics

Translations to French, Spanish & Portuguese available, translation to Arabic in progress

Support adoption of preprints through community resources

Preprint server directory

- Disciplinary scope
- Language coverage
- Indexing
- & more

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Preprint server directory

Columns Print Excel CSV Copy

Show All entries Search:

Preprint server	Disciplinary scope	Ownership type	Screening processes	External content indexing	Permanence of content	Preservation of content	Commenting
* AAS Open Research	Multiple scientific fields, including health and wellbeing*	Funding organisation (funder)	Data is available (if applicable), Code is available (if applicable), All authors notified, One author affiliated with AAS, Legal compliance, Ethical compliance	Google Scholar, Prepubmed, Europe PMC, SciLit	Permanent with some removal options in exceptional circumstances	Preprints permanently archived in Portico	Commenting (including annotation plugins)
* Advance: a SAGE Preprints Community	Humanities and Social Sciences	Publisher	Content within scope, text overlap detection, ethical compliance, legal compliance	Google Scholar, CrossRef	Permanent with some removal options in exceptional circumstances	N/A (we don't have an arrangement in place currently)	Commenting
* AfricArxiv	All scientific fields	Academic community group, charity	Akismet spam filtering (automatic on all OSF content), Content within	Google Scholar, SHARE, Microsoft Academic, Unpaywall	Permanent with withdrawal option and some removal options in exceptional	COS Preservation Fund to maintain read access for 50+ years	Hypothesis

Support adoption of preprints through outreach

Regional outreach



www.youtube.com/watch?v=mCksfdM8hIQ&t=281s

Support for community projects & events



preprintsinmotion.com



asapbio.org/preprints-and-open-science-workshop-sudan

Thank you!

jvccosta@gmail.com

@jvccosta



*'Preprints are the best thing that has happened to scientific publishing in over a century. More than anything, they have brought back **the joy of publishing a paper**'.*

Yasin Dagdas

Group Leader, Gregor Mendel Institute of Molecular Plant Biology GmbH

Join the ASAPbio Community!
asapbio.org/asapbio-community

Preprint resource center:
asapbio.org/preprint-info

Preprints na (r)evolução do sistema de publicação: mitos, fatos e contextos

João Victor Cabral-Costa, PhD

Community Lead São Paulo - ASAPbio

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