

# The Push for Open Access is Making Science Less Inclusive: Lessons Learned and How to Move Forward

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Kowaltowski et al., 2021, Times Higher Education

# APCs in Highly Visible Journals

NEWS | 24 November 2020

## Nature journals reveal terms of landmark open-access option

The journals will charge authors up to €9,500 to make research papers free to read, in a long-awaited alternative to subscription-only publishing.

33 Nature journals



Hybrid open access *		
Cancer Cell	£7,000, €7,600, \$8,900	12 months
Cell	£7,800, €8,500, \$9,900	12 months
Cell Chemical Biology	£7,000, €7,600, \$8,900	12 months

15 Cell journals

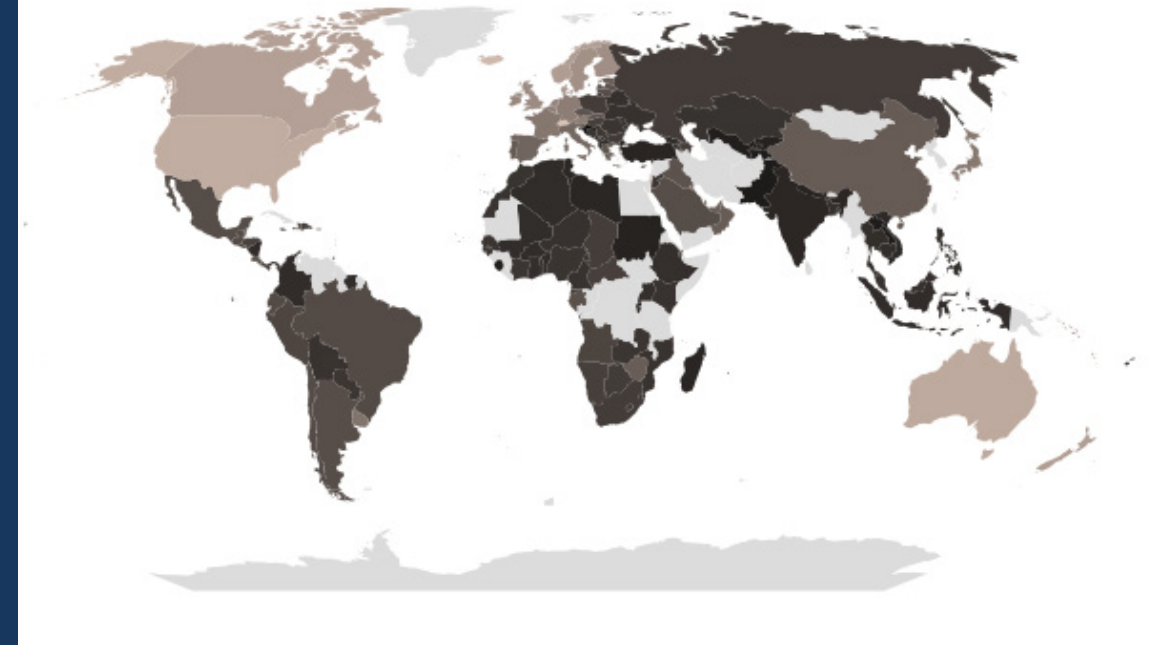
# Brazilian Fellowships (per month)

Master's Candidates: R\$ 2100, US\$ 420, € 395

PhD Candidates : R\$ 3100, US\$ 620, € 580

Post-docs: R\$ 5200, US\$ 1040, € 977

Figure 1 – Global Affordability Heatmap



# More Journals are Becoming AO-Only

Plan S

Accelerating the transition to full and immediate Open Access to scientific publications

Plan S

Making full and immediate Open Access a reality

<https://www.coalition-s.org/about/>



Edited by **Jennifer Sills**

## *Plan S: Unrealistic capped fee structure*

Plan S is an ambitious plan to guarantee that all research funded by public grants is published in open-access journals or platforms by January 2020 (“The world debates open-access mandates,” T. Rabesandratana, *In Depth*, 4 January, p. 11). The proposed guidelines suggest that publication fees should be covered by the funders or universities and that these charges should be standardized, reasonable, and capped. Although we support the open-access model, we are concerned that the fee structure of Plan S is unrealistic.

In Brazil, public funding agencies cover

reasonable amounts, particularly within such a short time frame. Without fee caps, publishing in highly visible journals would become unfeasible for smaller grant holders everywhere.

The solution to this situation may involve encouraging researchers to publish the bulk of their work in venues that are controlled by scientists themselves. This includes platforms and journals that are backed by strong scientific societies and edited by active scientists. We urge scientists to give preference to such venues. The developers of Plan S should seek closer relations with scientific societies and help to strengthen society-backed publication venues to achieve truly affordable and open scientific publication strategies.

**Alicia J. Kowaltowski<sup>1\*</sup>** and  
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# Should I Publish in Local Journals?



## SciELO

### Scientific Electronic Library Online

A bibliographic database, digital library, and cooperative electronic publishing model of open access journals. SciELO was created to meet the scientific communication needs of developing countries and provides an efficient way to increase visibility and access to scientific literature.



# What About Diamond Open Access Journals?



Bioenergetics Communications is the Open Science journal on bioenergetics and mitochondrial physiology

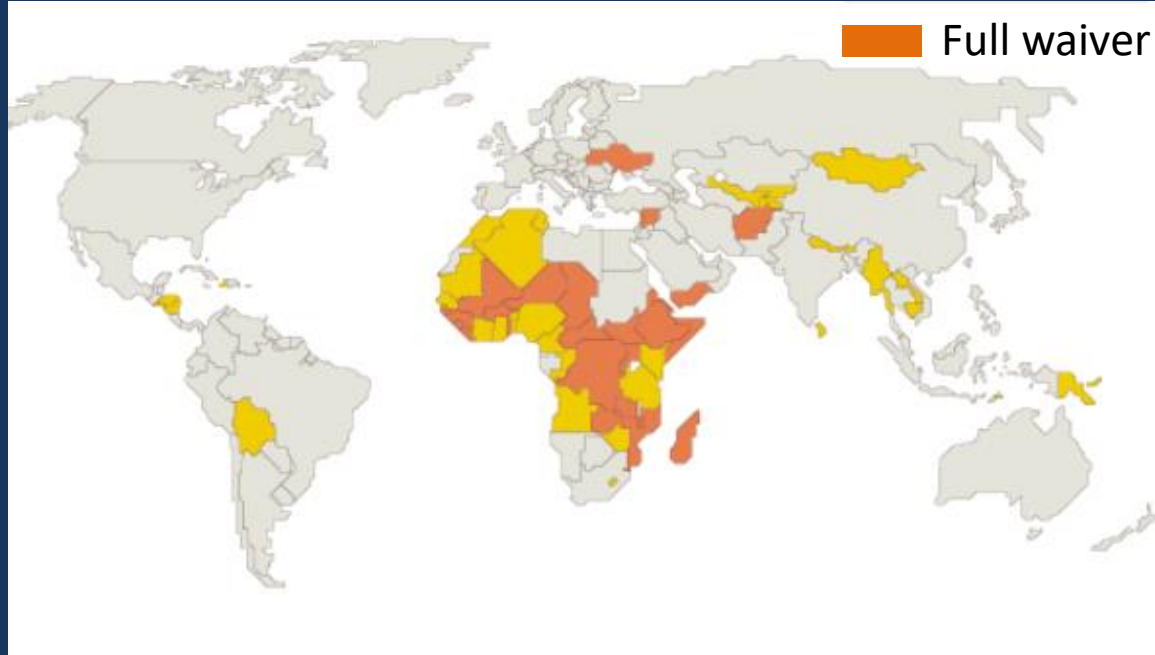
Created 2020. Not indexed.



# Waivers and Discounts are VERY Limited

## World Bank

(Plan S, Springer-Nature, Taylor & Francis)

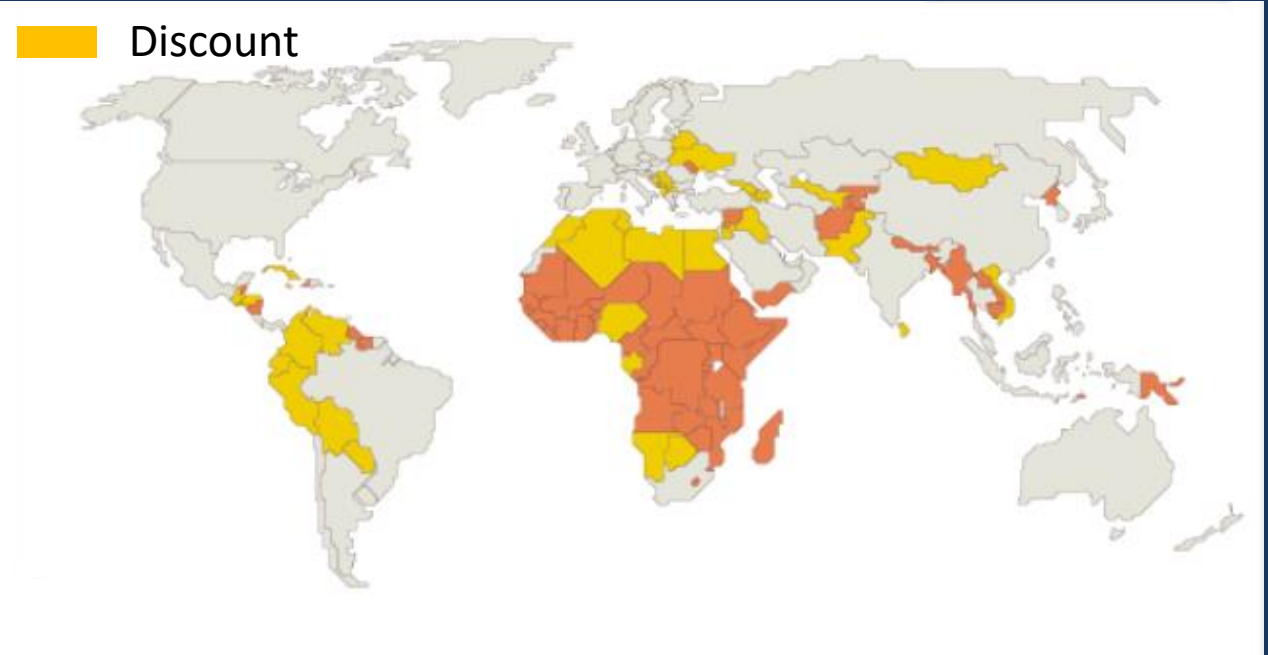


**Full waiver → 0.35% of authors**

**50% discount → 1.32% of authors**

## Research4Life

(Wiley, PLoS, Elsevier, SAGE, Science)



**Full waiver → 1.12% of authors**

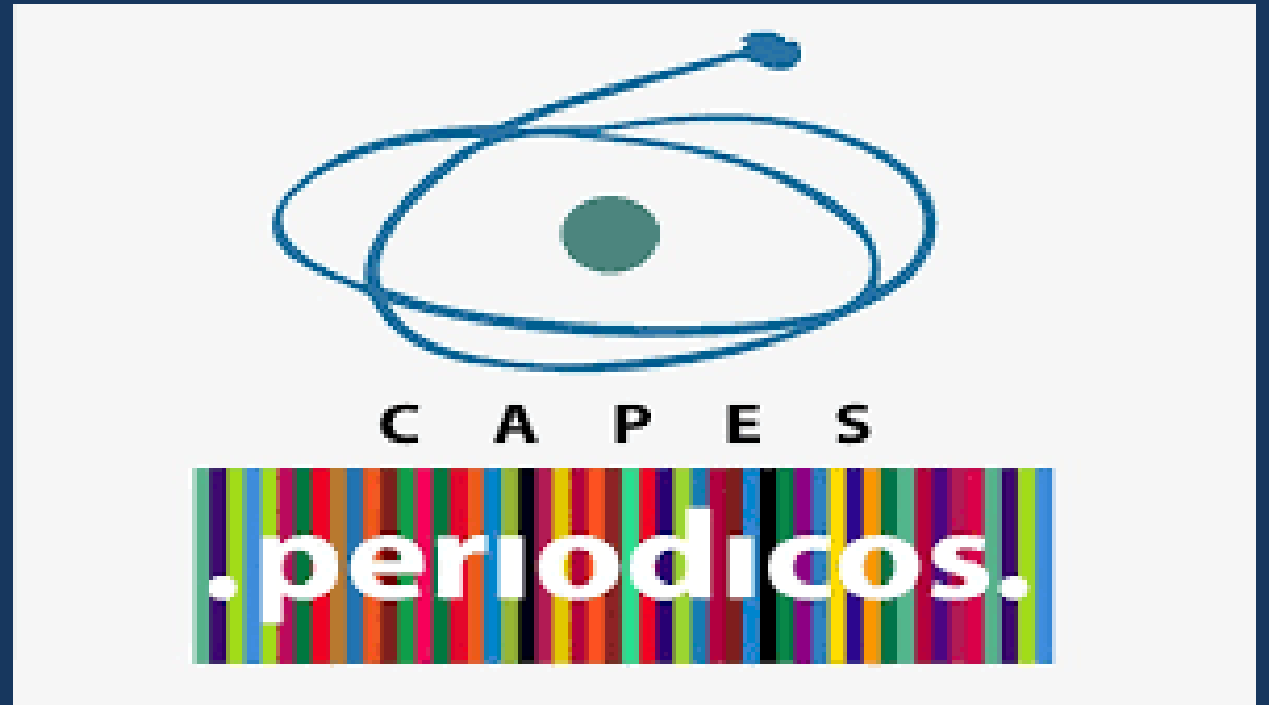
**50% discount → 4.05% of authors**

# Subscribe to Open

**SUBSCRIBE TO  PEN**

“Subscribe to Open” (S2O) is a pragmatic approach for converting subscription journals to open access - free and immediate online availability of research - without reliance on either article processing charges (APCs) or altruism.

S2O relies on existing library subscription procurement processes. The model provides a realistic and immediate route to opening a vast body of research output that would otherwise remain gated.



<https://www.periodicos.capes.gov.br>



# Go Green: OA Through Preprinting (Plan U)

## PLOS BIOLOGY

### Plan U: Universal access to scientific and medical research via funder preprint mandates

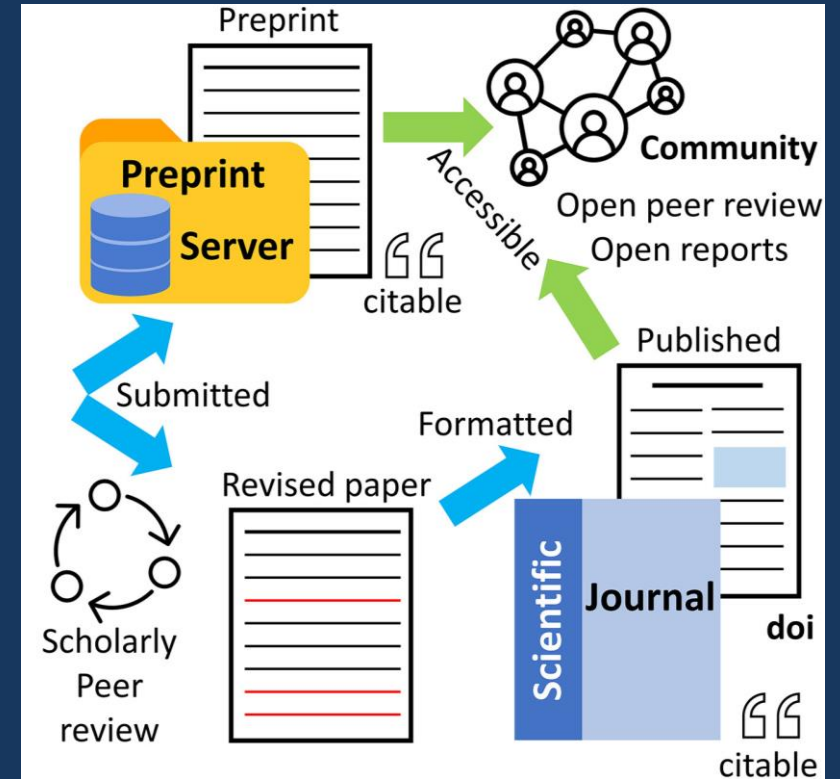
Richard Sever , Michael Eisen, John Inglis

Published: June 4, 2019 • <https://doi.org/10.1371/journal.pbio.3000273>

“If all funding agencies were to mandate posting of preprints by grantees - an approach we term Plan U (for “universal”) - free access to the world’s scientific output for everyone would be achieved with minimal effort.”

# Go Green: OA Through Preprinting (Plan U)

- Preprint (public repository) and submit to journals in parallel
- Update with peer review rounds
- Full accessible manuscript will be openly available as a preprint
- **Free**
- **Equitable and inclusive**
- **Uses structure at hand**
- **Gives us time to implement other scientist/public-backed alternatives**



Chaleplioglou et al., 2021, J. Librarian Info Sci