

SOME INFORMATION REGARDING OPEN ACCESS PUBLICATION

Benoit Loppinet, FORTH - IESL, April 2024

Horizon Europe requires open access to peer review scientific publications (under the conditions mentioned by the grant agreement). This document gives some relevant information on the way that that can be achieved. Two points worth mentioning here:

- All publisher support upload of the submitted version onto trusted repository. We strongly encourage the use of **ArXiv** or **ChemRXiv** repositories.

- The EU Commission recently launched [Open Research Europe](#), the open access publishing venue for European Commission-funded researchers across all disciplines, with no author fees. IT might be worth considering publishing our results there. We plan to organize a short presentation of Open Research Europe, possibly with Silvia Vignolini, member of the editorial board and director in the MPI in Golm (a colleague of Marcus Antonietti) that is involved in Biomaterials.

Most main scientific publishers provide two options regarding open access publications:

- **The gold open access:**

The submitting authors are charged a fee to warranty access to the published articles, the accepted version can be deposited in repository with the Common Creative CC BY license. Many publishers have made arrangement with research institution regarding the level of the fees (EX: "read and publish agreement" of American Chemical Society). In Greece, we will have to contact FORTH's library to inquire about such possibilities. A summary is available through HEAL Link (www.heal-link.gr). Note that the publishing fees are an eligible cost of the FORGreenSoft program. Our partners will also have their own arrangement and can provide ways to access Gold Open Access.

- **The green open access approach:**

Many publisher allow the green open access option where the referee accepted version (also referred as "final peer-reviewed manuscript accepted for publication" in Horizon) is deposited on a trusted repository with CC BY license. The recommended way to do so is to mention at the submission stage the intention to do so. A typical sentence to be added at submission time to the manuscript, possibly in the acknowledgement: "A CC BY public copyright license has been applied by the authors to the present document and will be applied to all subsequent versions up to the Author Accepted Manuscript (alternatively Final Peer-reviewed Manuscript Accepted for Publication) arising from this submission, in accordance with the grant's open access conditions".

It is also worth mentioning that all publishers support the upload of the submitted manuscript to trusted repository (ex: **ArXiv**, **ChemRXiv**, ...)

Below is a list of some relevant publishers and their policies regarding the green open access issue.

Most of it is also available in HEAL link. ([Open Access agreements – HEAL-Link](#))

Green open access clearly encouraged or allowed:

- ROYAL SOCIETY OF CHEMISTRY

A repository is a system for storing and preserving published content. Depositing your accepted manuscript in an open access repository is one way of satisfying funders' open access mandates, via the green route to open access.

Repositories may contain many different kinds of content, including:

- Versions of record of gold open access articles
- accepted manuscripts of gold or green open access articles
- Theses and dissertations
- Pre-prints of articles (before submission for peer review)
- Abstracts or metadata relating to any of the above, or to full-text articles stored elsewhere

Many repositories also have a defined scope for the type of content they store, as detailed below.

From <https://www.rsc.org/journals-books-databases/open-access-publishing/open-access-sharing-your-research/#repositories>

- AMERICAN PHYSICAL SOCIETY

Green Open Access

For all subscription articles for which APS holds copyright, authors have the right to post and update the article on free-access e-print servers (repositories, including institutional and subject specific such as the ArXiv) as long as the version of record prepared and/or formatted by APS or its vendors are not used for that purpose, and the APS copyright is clear. All article depositions should include a link/DOI to the published manuscript.

Depositing an article in this way is compliant with many funder policies around the world including in the USA.

From <https://journals.aps.org/authors/editorial-policies-open-access>

- AMERICAN INSTITUTE OF PHYSICS

Making Articles Publicly Accessible After Publication

Green Open Access

AIP Publishing also supports green Open Access, which allows you to self-archive a version of your article in an institutional or subject repository, such as ArXiv, immediately upon acceptance.

From <https://publishing.aip.org/resources/researchers/open-science/open-access/>

- AAAS (Science)

- The other five Science family journals are subscription-based and have green open access policies. These green open access policies have long meant that authors could place their accepted manuscript in an institutional repository or on their personal website immediately upon publication, and on 1 January, 2023, we expanded this even further; authors of peer-reviewed research may now place their accepted manuscript in a repository of their choice immediately upon publication.
- Authors of peer-reviewed research articles who are required to do so by their funder or employer may place a CC BY license on their accepted manuscript. cOAlition S-funded authors may place a CC BY license or a CC BY-ND license on their accepted manuscript. (The cOAlition S policy, first introduced in a trial period in 2021, applies to any peer-reviewed research submitted to the Sciencefamily subscription journals on or after 1 January, 2021 that is funded by those cOAlition S organizations indicating adoption of the Plan S Rights Retention Strategy. See here: <https://www.coalition-s.org/plan-s-funders-implementation/>)

From <https://www.science.org/content/page/open-access-aaas>

Green open access allowed but with embargo period or fees:

- **NATURE PORTFOLIO:** 6 months embargo on the "accepted version"

From <https://www.nature.com/nature-portfolio/editorial-policies/self-archiving-and-license-to-publish>

- AMERICAN CHEMICAL SOCIETY:

- Zero-Embargo Green Open Access - ACS Open Science
- ACS has a specific green open access with an article development charge (ADC) flat fee of 2500\$ (cheaper than the gold open access 3750\$), but the amount has to be given at submission time, with (if I understood correctly) no warranty of publication.
- Otherwise 12 month embargo

Also concerning ACS, Universität Wien (through Austrian Academic Library Consortium) and Max Planck Institute (through MPG - MPDigitalLibrary) have a "read and publish agreement"

with should allow publication in open access at no cost. FORTH or HEAL do not have such agreement. Corresponding author has to be member of the institution.

- **WILEY** (Angewandte Chemie, Advanced Materials, ...)

Most Wiley journals will have a 12 months embargo for Green open access

Understand your funder's agreement with Wiley

From <https://authorservices.wiley.com/author-resources/Journal-Authors/open-access/affiliation-policies-payments/funder-agreements.html>