Maximising Open Access and Research Management: Integrating ChronosHub and Pure for University Libraries

24 October 2024

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Integrating ChronosHub and Pure



Agenda

- More about Lancaster
- Need for Maximising Open Access and Research Management
- Solution and Progress so far successes
- Future Developments

More about Lancaster

- Located in the scenic North West of England
- 16k+students, 3k+ staff
- About 3k research outputs per year
- Top 15 rated university in the UK
- Used Pure as CRIS since 2011
- Used ChronosHub since 2023
- Winner 'Outstanding Library Team' 2022 Times Higher Education Awards

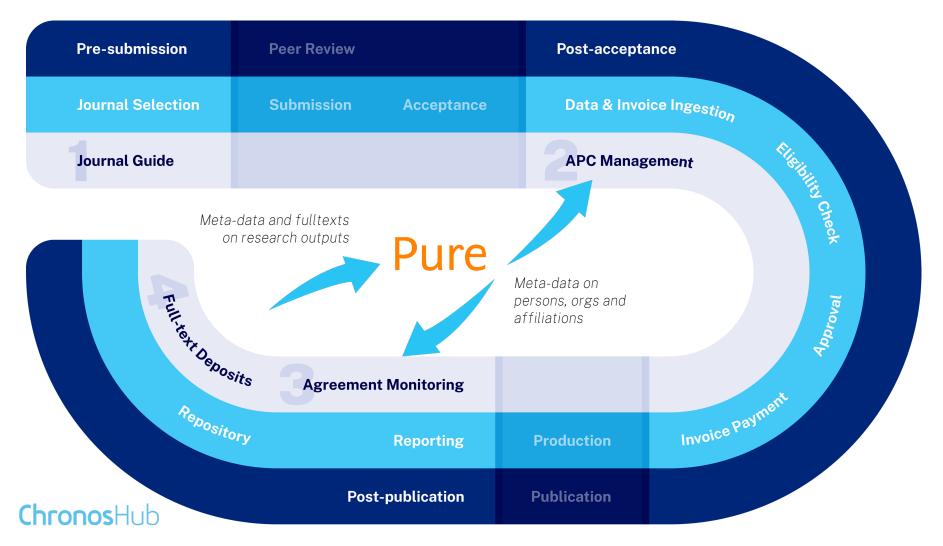


Need for maximising open access and research management



- Differing open access requirements for researchers: which journals can they publish in? Are journals compliant with funder requirements? Are funds available?
- Labour intensive administration. Delays in invoice payments delays publication.
- What are Read and Publish agreements? And how do we evaluate them?
- Complex process for researchers uploading research into Pure.
- Manual data entry.
- Metadata missing follow up often required with researchers.

Solution: automating the processing of research outputs and OA types along the publishing journey





1. Journal Guide

- 50,000+ journals
- OA agreement conditions
- Funder policy compliance
- Payment eligibility checks

2. APC Management

- Invoice Al-processing
- Approval dashboard
- Funding eligibility checks
- Payments

3. Agreement Monitoring

- Agreement administration
- Data integrations
- Data reuse
- Reporting

4. Full-text Deposits

- Collection of full-texts
- Manuscript AI extraction
- Meta data enrichment
- IR/RIMS/CRIS integration

Progress so far: 1. Journal Guide



Author guidance for journal selection

Detailed open access agreement conditions and compliance checks with funders' OA policies per journal.

Various search options:

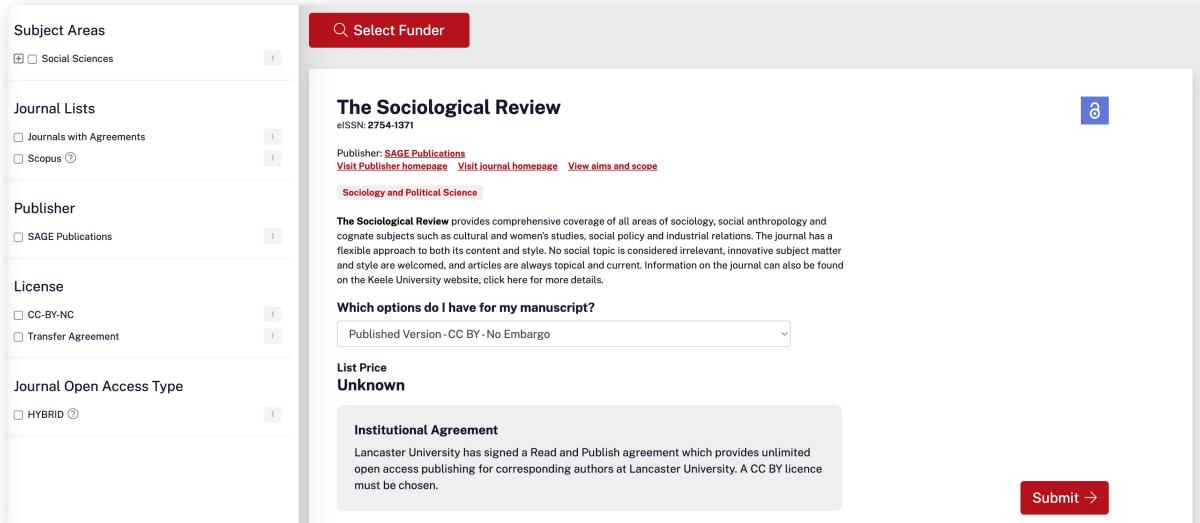
- Search for a specific journal title or ISSN
- Filter by subject area
- 'Select Funder' to check compliance
- Filter to find journals in Read and Publish agreements

Privacy Notice Disclaimer ChronosHub Journal Guide Find the relevant journal for your article Lancaster 252 University F Show all (331) 52674 Journals Cannot find your journal? Subject Areas ⊞ Medicine 7283 → Social Sciences Q Select Funder + Arts and Humanities 3178 # | Engineering 2049 🛨 🗌 Agricultural and Biological Sciences #Tear: Revista de Educação, Ciência e Tecnologia 2014 🛨 🗌 Biochemistry, Genetics and Molecular Biology **DOAJ** ISSN: 2238-8079 eISSN: 2238-8079 1642 1522 Publisher: Instituto Federal de Educação, Ciência e Tecnologia do Rio Grande do Sul (IFRS) Visit Publisher homepage Visit journal homepage View author guidelines View aims and scope #Tear: Journal of Education, Science and Technology emerged in 2011 as a proposal by the research project Journal Lists "Network Reading: Textual Genres, Media and Reading Encouragement" (PROBITI / FAPERGS), held at the Canoas Campus of the Federal Institute of Education, Science and Technology of Rio Grande do Sul (IFRS), under the ☐ Scopus ? coordination of Professor Cimara Valim de Melo. The Editorial Board currently includes professors from IFRS and □ DOAJ ② the Federal University of Rio Grande do Sul. Since 2019, the Executive Committee is comprised of IFRS servers and students of the Postgraduate Programme in Science Education at UFRGS. The journal is also linked to the ☐ Journals with Agreements 10219 Master Programme in Informatics for Education (MPIE) at IFRS Porto Alegre Campus. Which options do I have for my manuscript? Publisher Published Version - CC-BY-NC - No Embargo Elsevier 3530 **List Price** □ Springer 1993 Submit → Unknown 1702 ☐ Wiley 1478 Routledge 1337 ☐ Taylor and Francis

See https://lancaster.chronoshub.io

Journal Guide – specific journal





Journal Guide – select funder and/or subject

× Clear filter selection

Subject Areas

× Clear filter for Subject Areas

Engineering

□ Chemical Engineering

Hybrid Journal

Go ahead and submit. Remember to select a

CC BY licence to ensure compliance.

→ Mathematics

Physics and Astronomy

3178

677

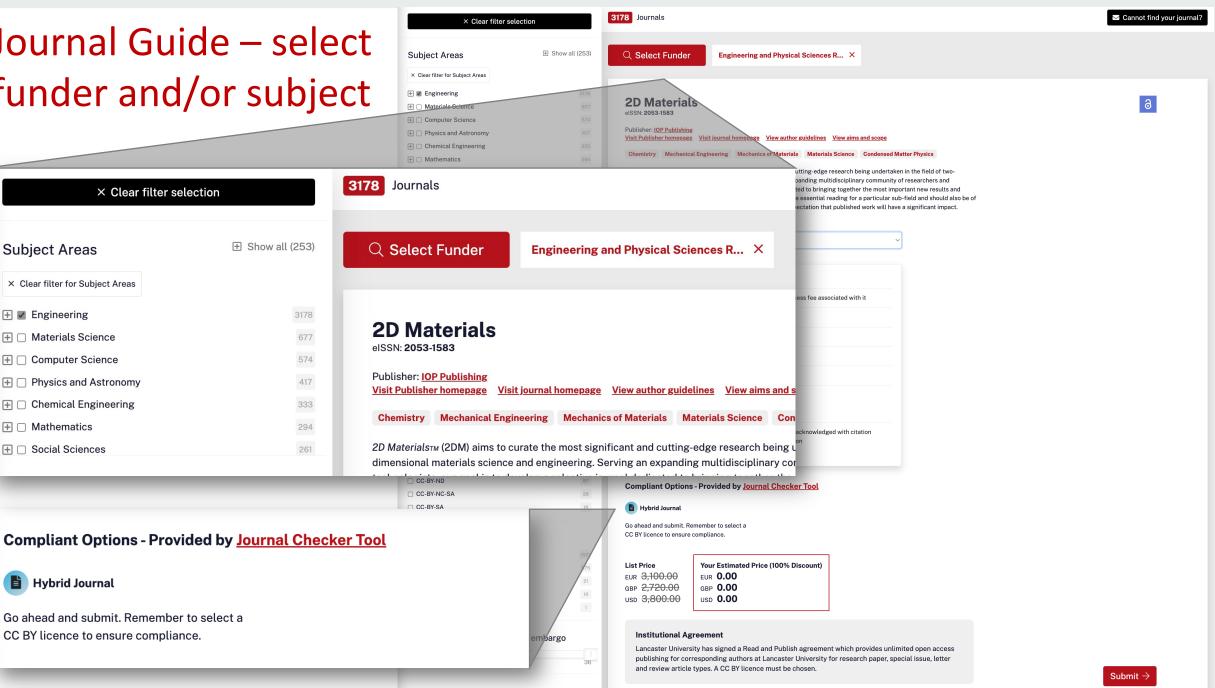
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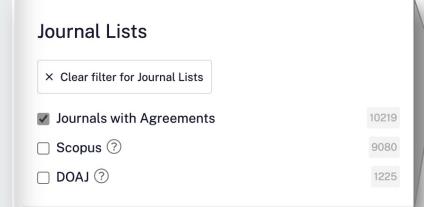
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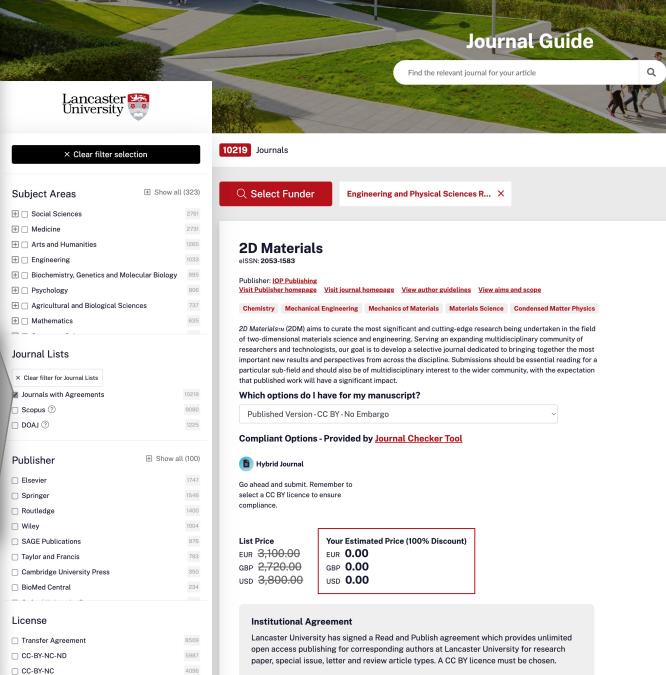
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294

261







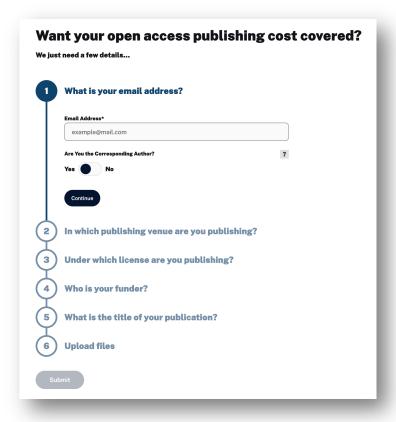
Privacy Notice Disclaimer ChronosHub

✓ Cannot find your journal?

Submit →

Progress so far: 2. APC Management





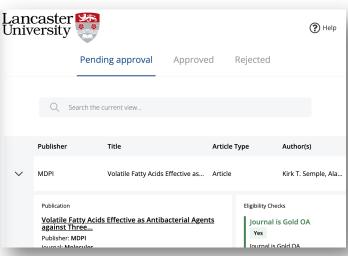
Collection of research outputs Minimized manual admin work

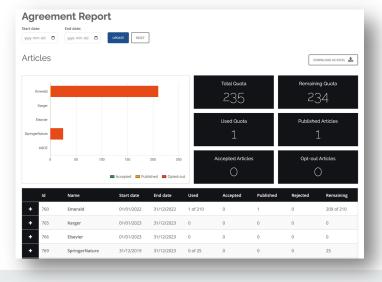
Al-scanning of manuscripts and APC invoices combined with data reuse from integrations.



ChronosHub ensures the data ends up where it needs to be!







Funding requests

- One dashboard for automated eligibility checks per funding request, and approvals, rejections and communication with the authors.
- Deposit accounts and automated payments of approved requests.

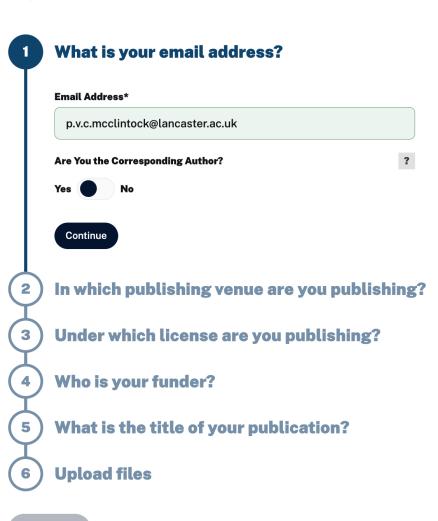
Reporting

 Statistics and data on research outputs, OA fees and agreements via charts, tables, downloads and the ChronosHub API.

- Dynamic widget configurable to our needs
- Embeddable on our own webpages
- Low barrier no need for authors to log in
- Immediate feedback to the author eligible (green), subject to approval (yellow), not eligible (red)

Want your open access publishing cost covered?

We just need a few details...





What is your email address?

In which publishing venue are you publishing?

Journal, Book Publisher or Conference*

Medical & Biological Engineering
Springer Nature

Journal of Biological Engineering
BioMed Central

Medical and Biological Engineering and Computing
Springer

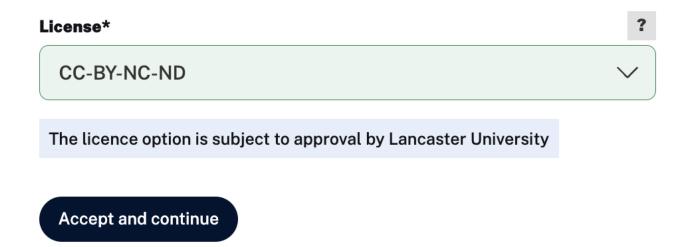
Journal of Medical and Biological Engineering
Springer

Japanese Society for Medical and Biological Engineering
host organization unknown

What is the title of your publication?



- What is your email address?
- In which publishing venue are you publishing?
- 3 Under which license are you publishing?







4 Who is your funder?

Has the work leading to this publication been funded?

Yes No

Funder*

Grant ID*

Type to search

Add another funder/grant

Continue





Upload files

Publication File

If you provide the publication file in Microsoft Word format (.DOCX), we will scan the file and prefill all information possible



Click to add a file

Invoice File*

If you provide the invoice file in PDF format, we will scan the file and prefill all invoice information possible



PublicationFiles-2939785418.pdf

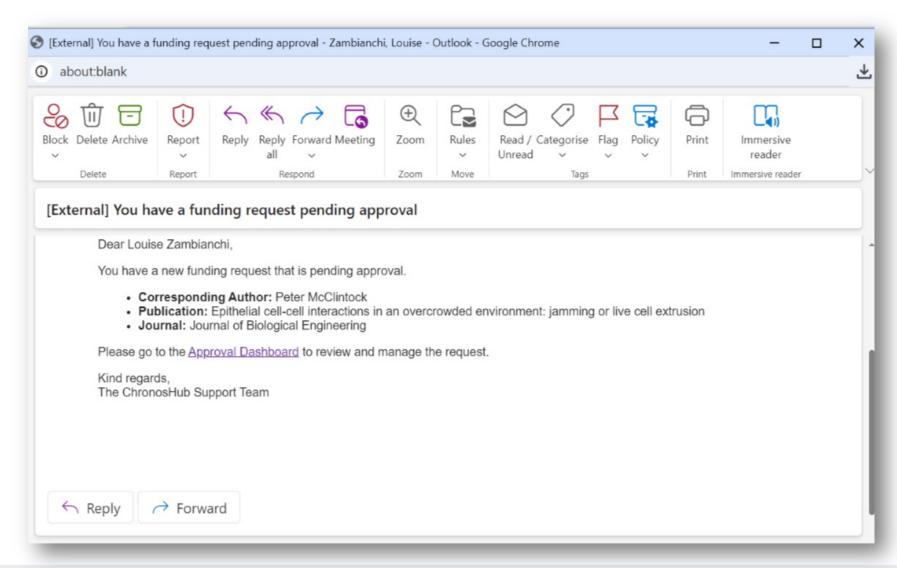


I affirm that I have the rights to all the uploaded material and that it does not infringe upon the intellectual property rights of any third party*



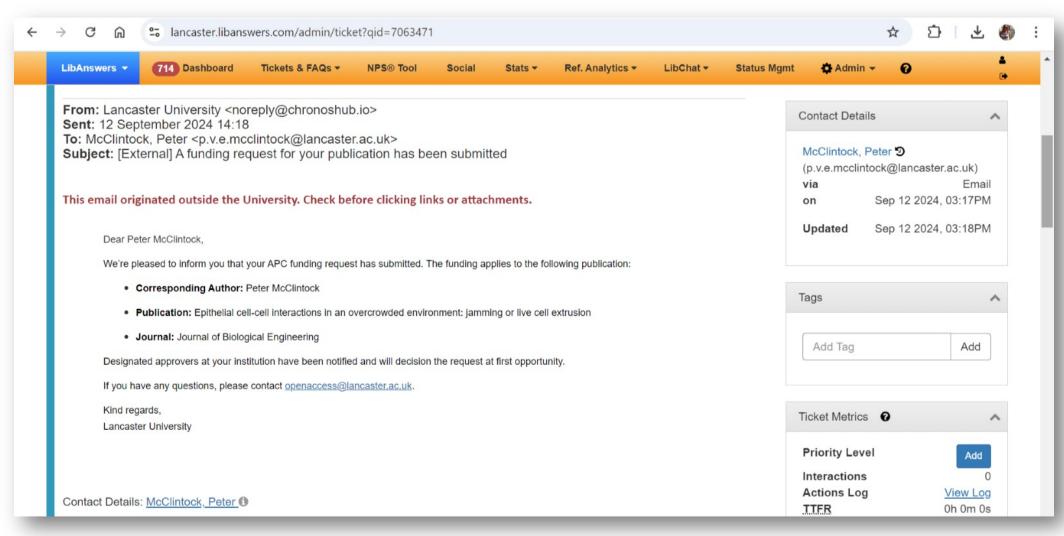
Pending Approval – Email to OA team





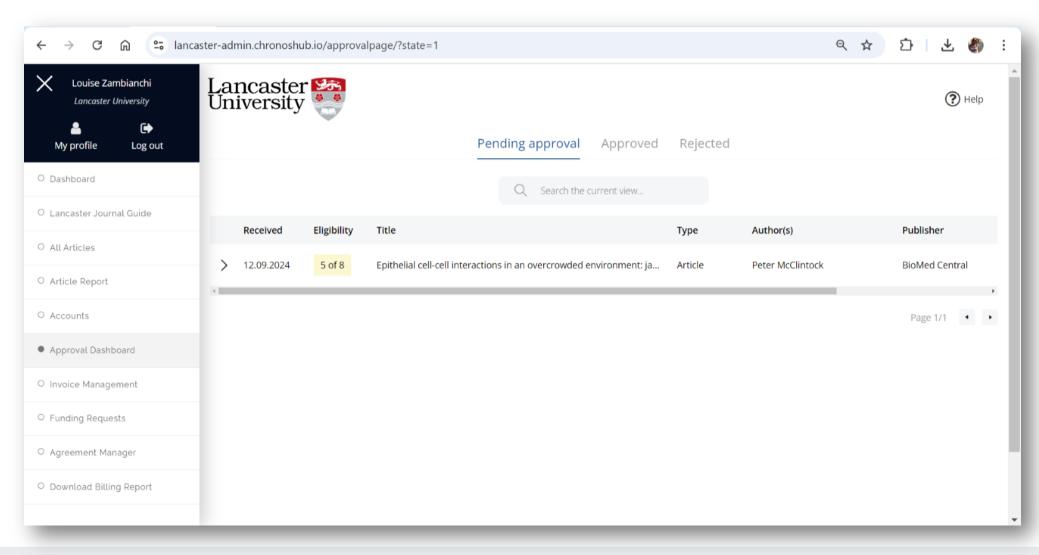
Pending Approval – Email to author

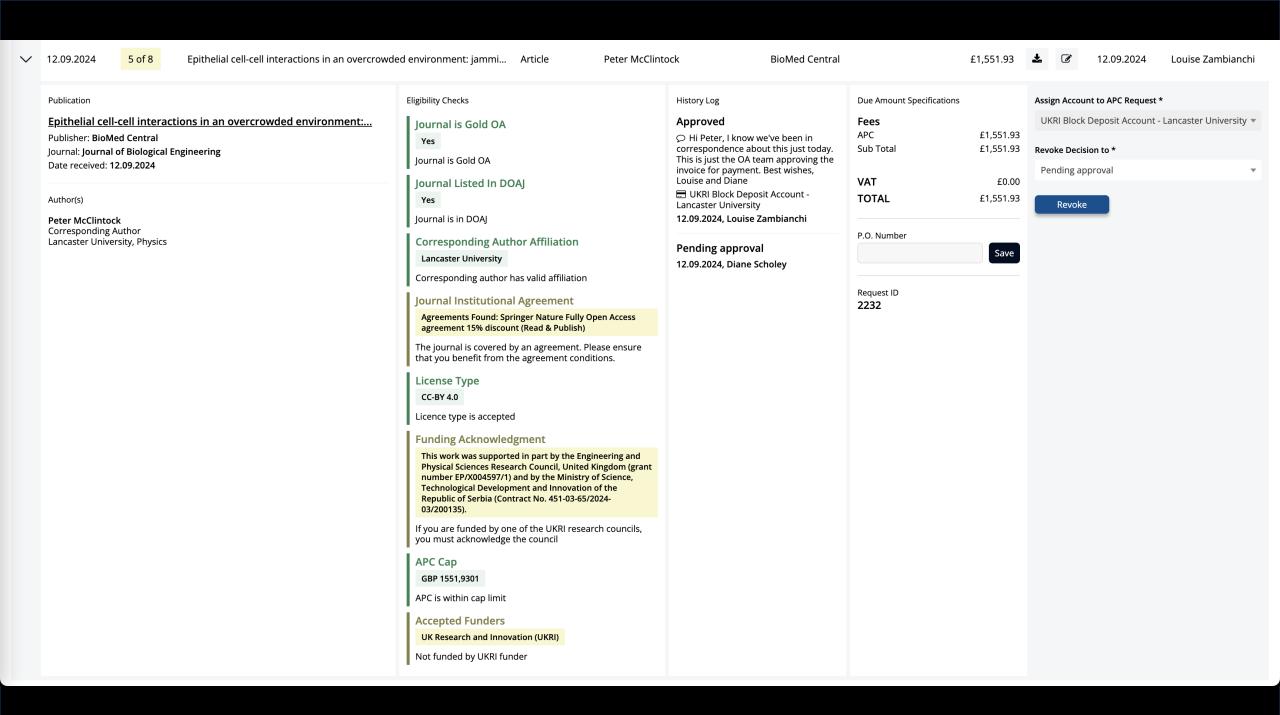




Pending Approval – Approval Dashboard





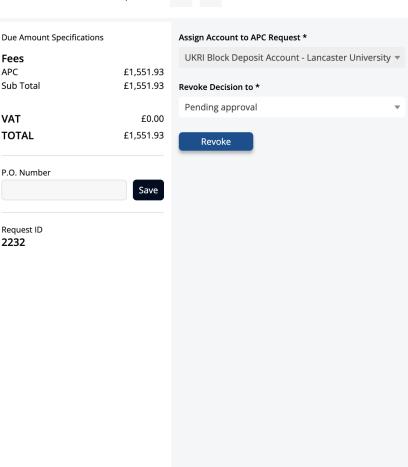


Funding Acknowledgment

This work was supported in part by the Engineering and Physical Sciences Research Council, United Kingdom (grant number EP/X004597/1) and by the Ministry of Science, Technological Development and Innovation of the Republic of Serbia (Contract No. 451-03-65/2024-03/200135).

If you are funded by one of the UKRI research councils, you must acknowledge the council

> **Accepted Funders** UK Research and Innovation (UKRI) Not funded by UKRI funder



Approved – Approval Dashboard



History Log

Approved

12.09.2024, Louise Zambianchi

Pending approval 12.09.2024, Diane Scholey

Due Amount Specifications Fees APC £1,551.93 Sub Total £1,551.93 VAT £0.00 TOTAL £1,551.93 P.O. Number Save Request ID 2232

Assign Account to APC Request *

UKRI Block Deposit Account - Lancaster University ▼

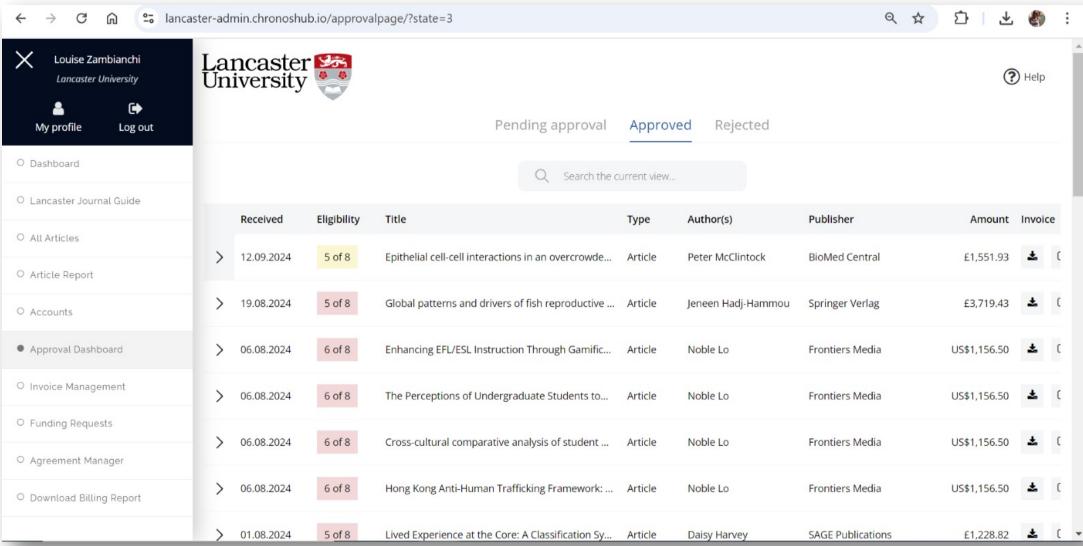
Revoke Decision to *

Pending approval ▼

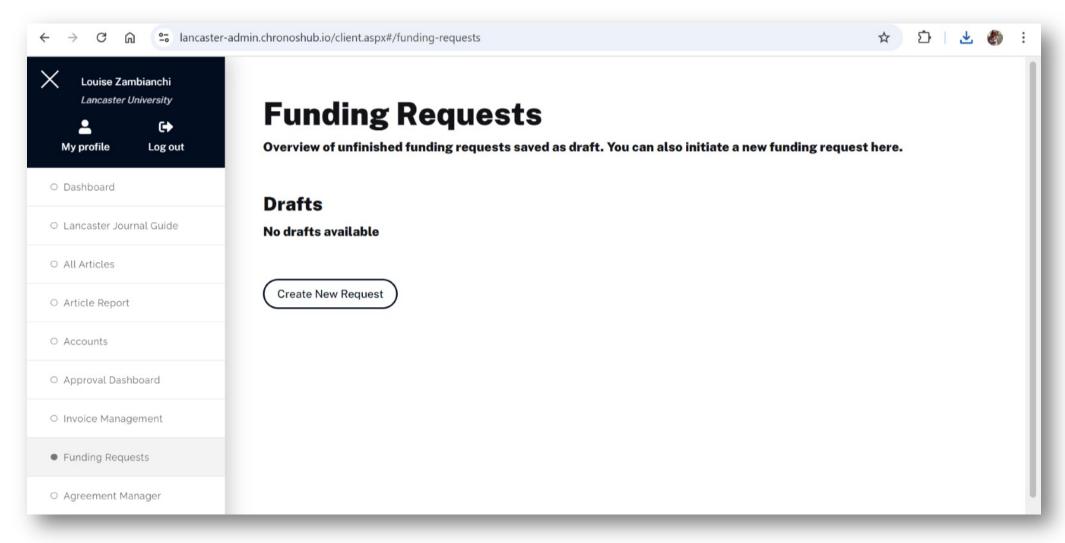
Revoke

Approved – Approval Dashboard

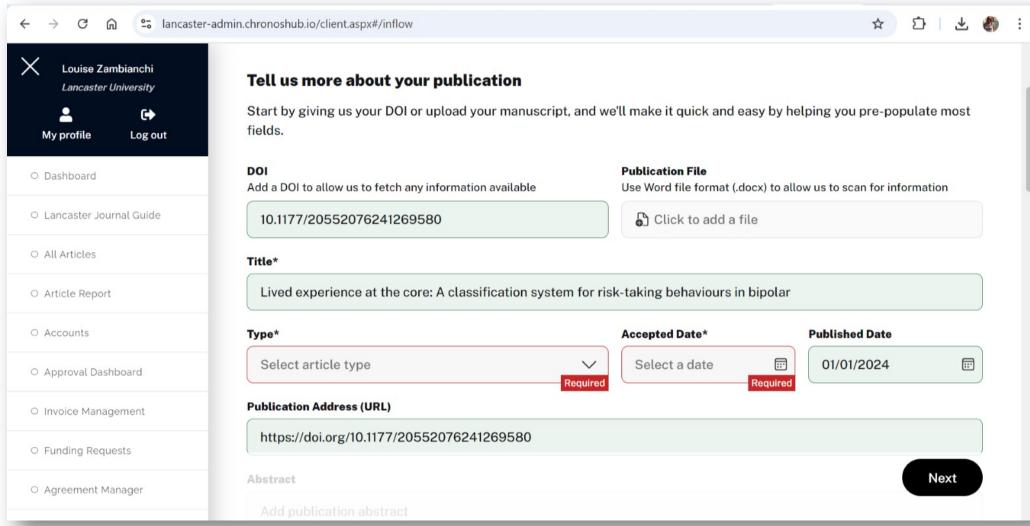






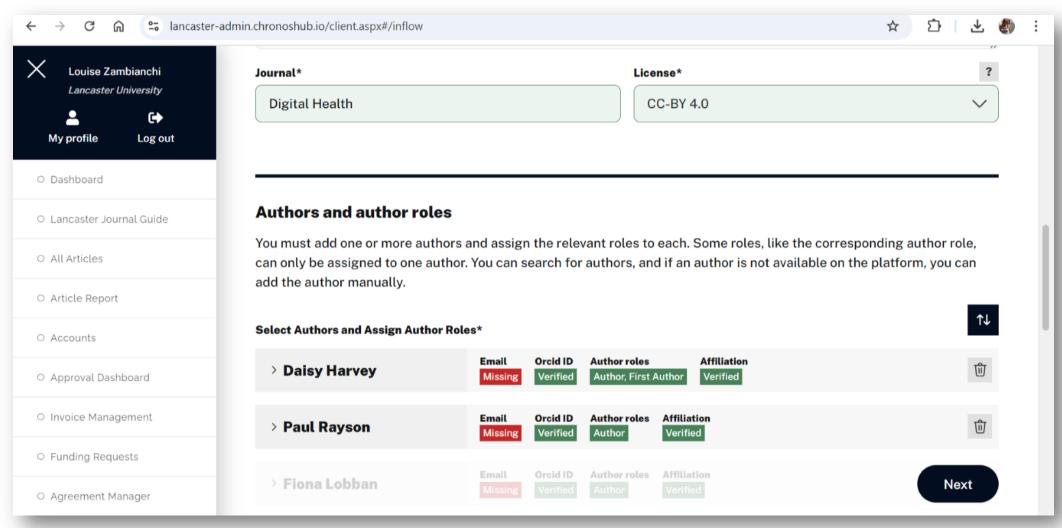






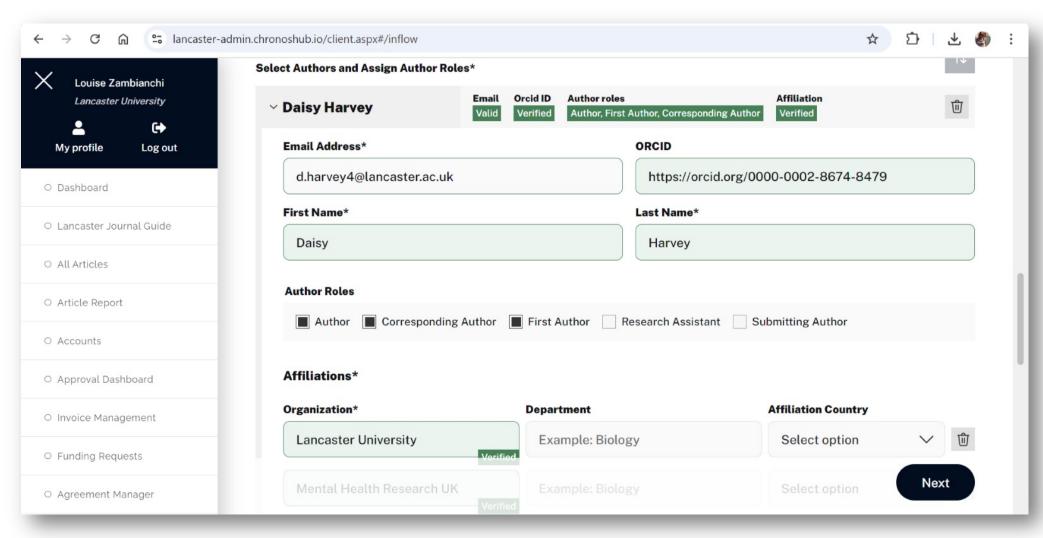
Adding DOI populates some fields.



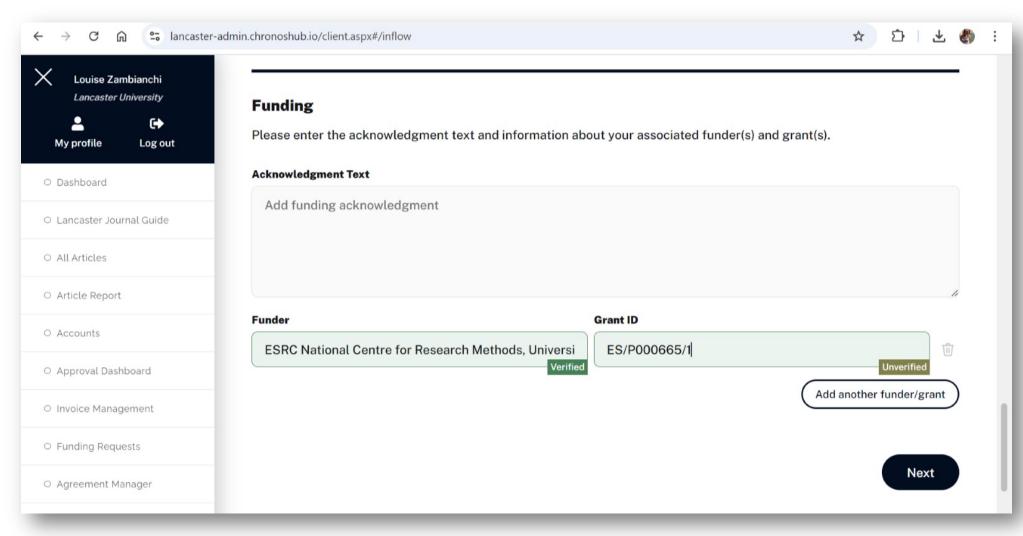


Authors
populated
based on
DOI or
manuscript
scanning

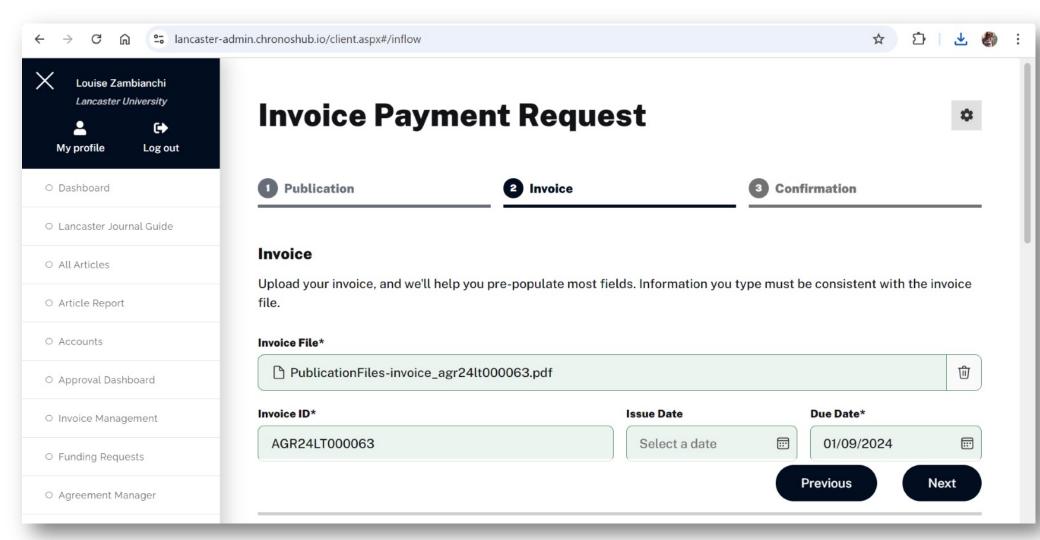








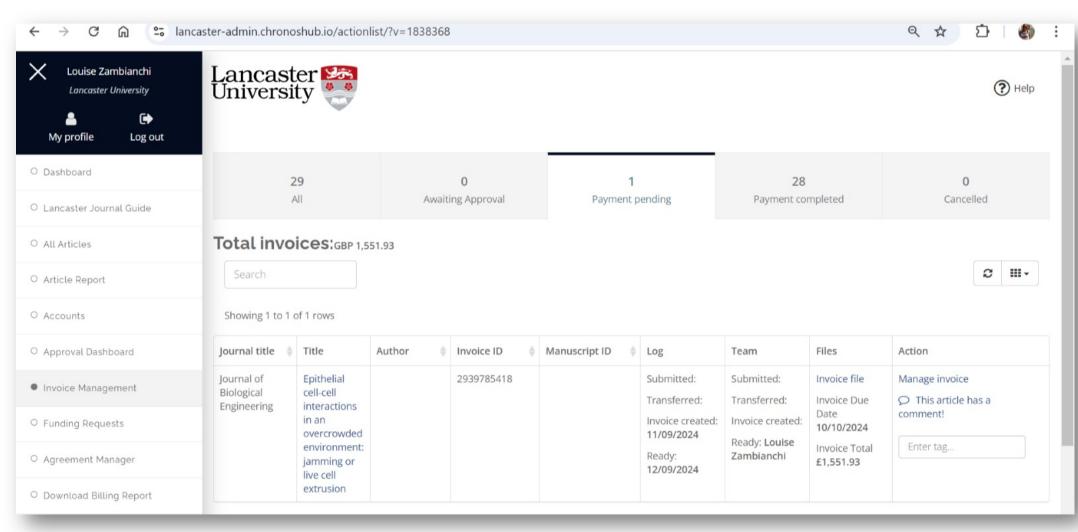




Invoice details auto-populated

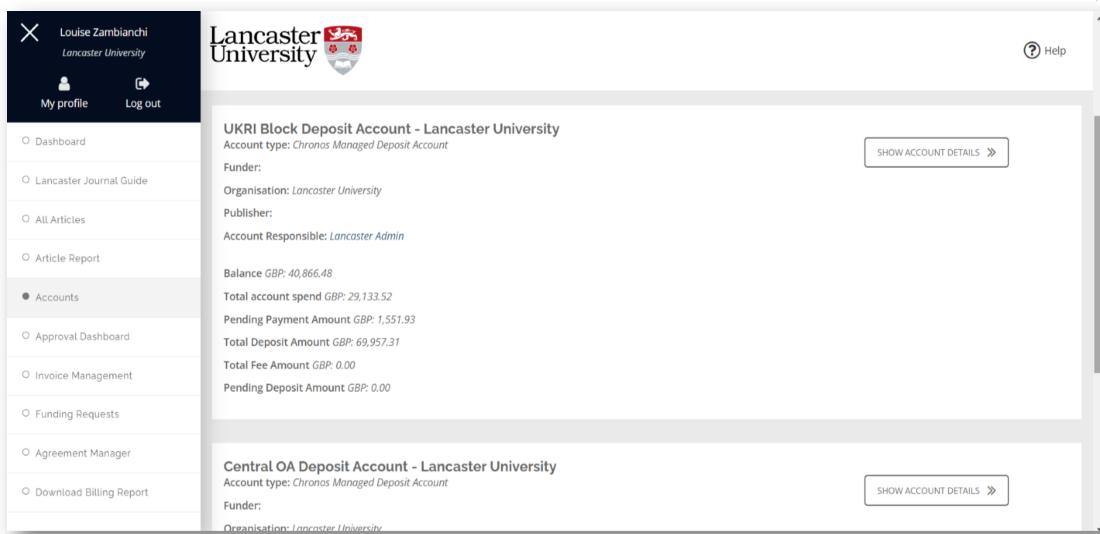
Dashboard - Invoice Management





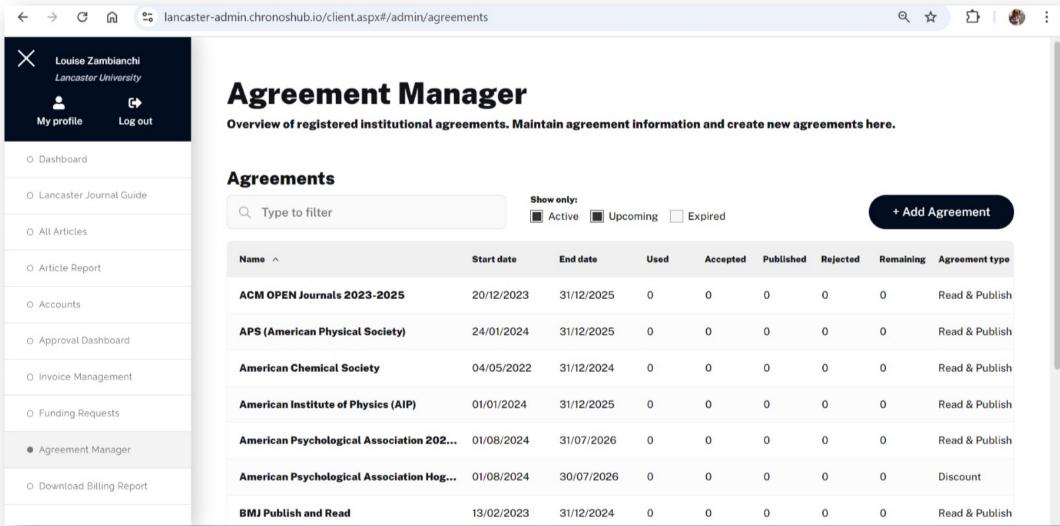
Dashboard - Accounts



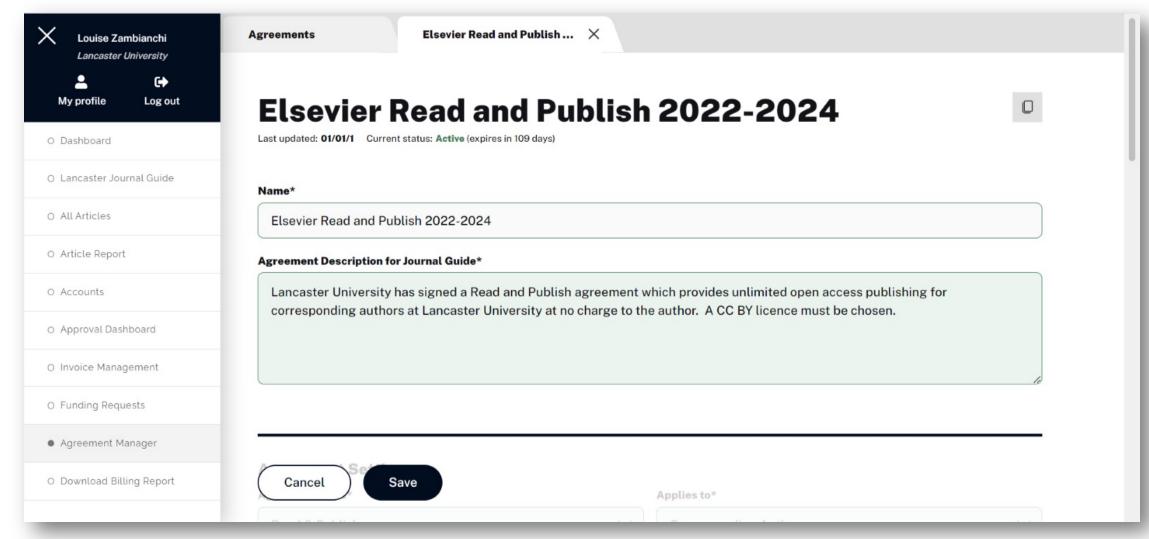


3. Agreement Monitoring - Agreement Manager

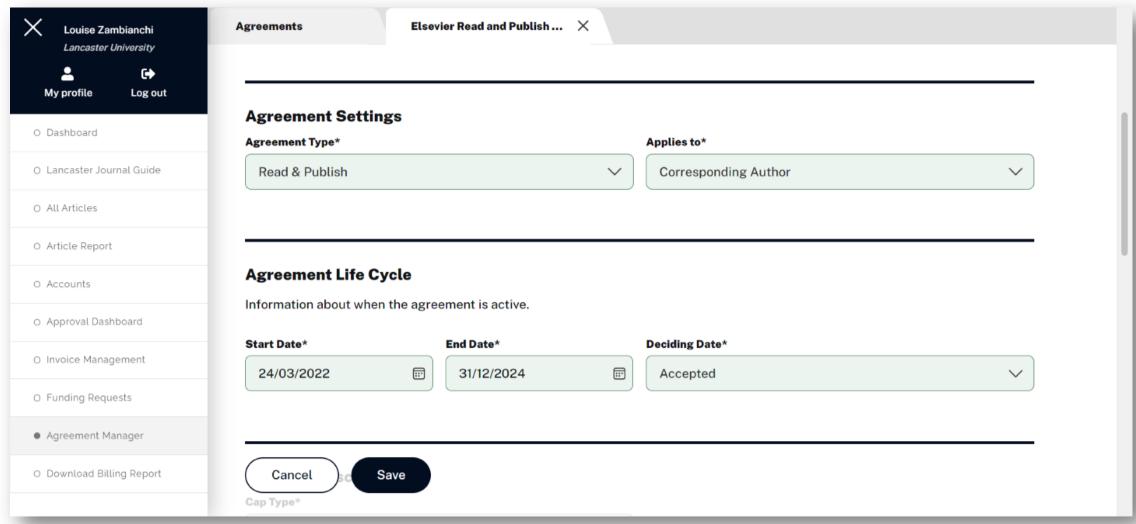




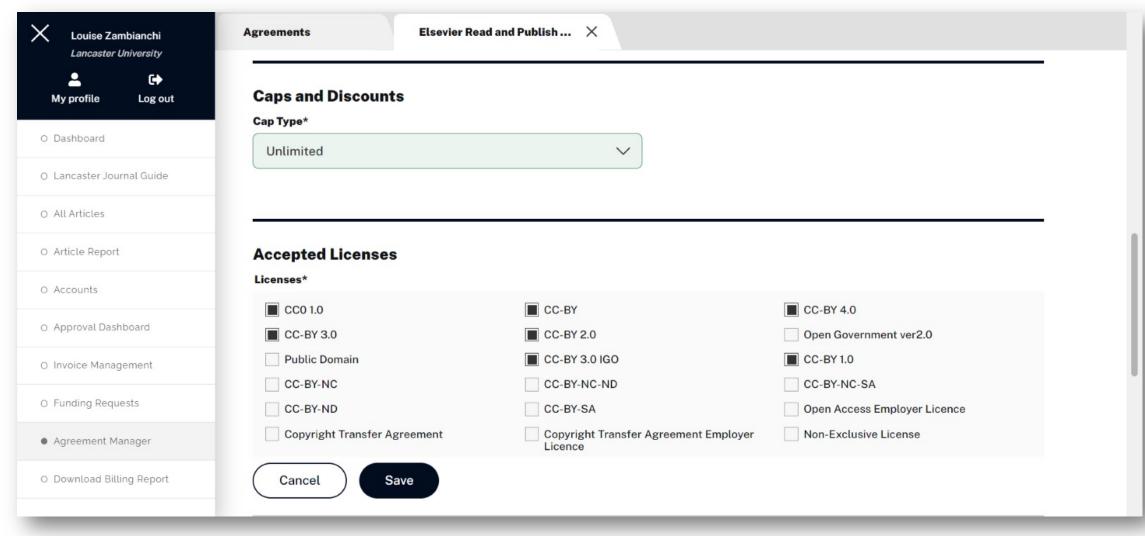




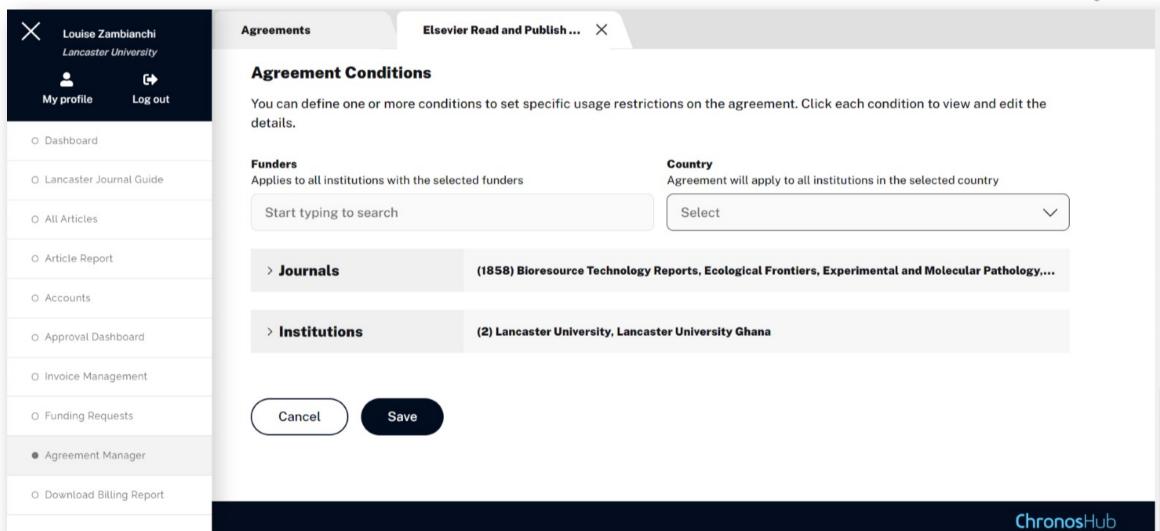








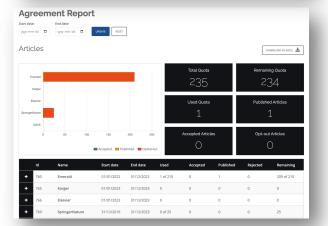




Future Developments



ChronosHub ensures the data ends up where it needs to be!



Eligibility Checks

Journal is Gold OA

Lancaster 😂 University 🐫

Publisher

Q Search the current view.

Volatile Fatty Acids Effective as Antibacterial Agents against Three...

Funding requests

- Approval dashboard for automated eligibility checks per funding request.
- Deposit accounts and automated payments of approved requests.

Reporting

Statistics and data on all research outputs, OA fees and agreements via charts, tables, downloads and the ChronosHub API.

Fulltext deposits

 The meta-data and full text of the research outputs will be automatically transferred into Pure.

Collection of ALL research outputs

Modified widget:

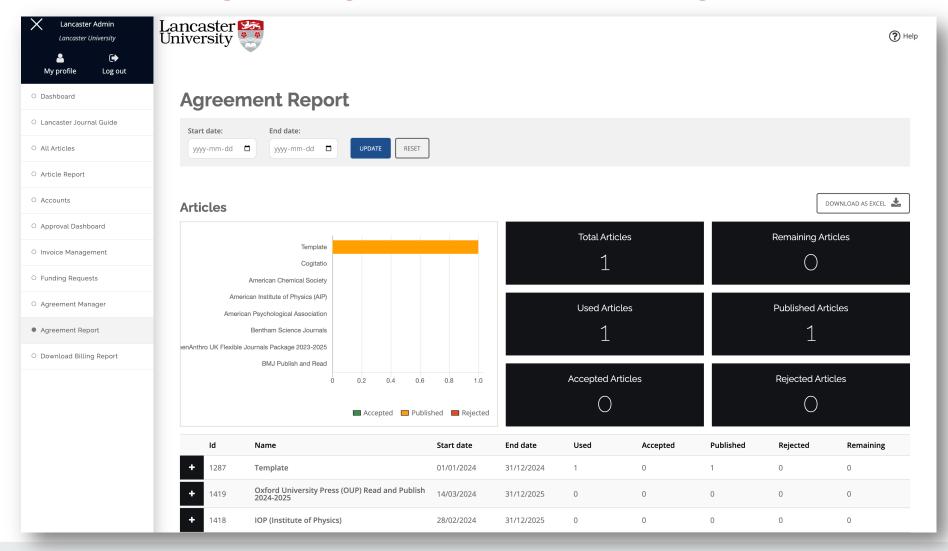
- Adding question whether OA fees should be paid or not
- If only reporting the output, not ask for anything else than email, DOI and upload of AAM



Future Developments

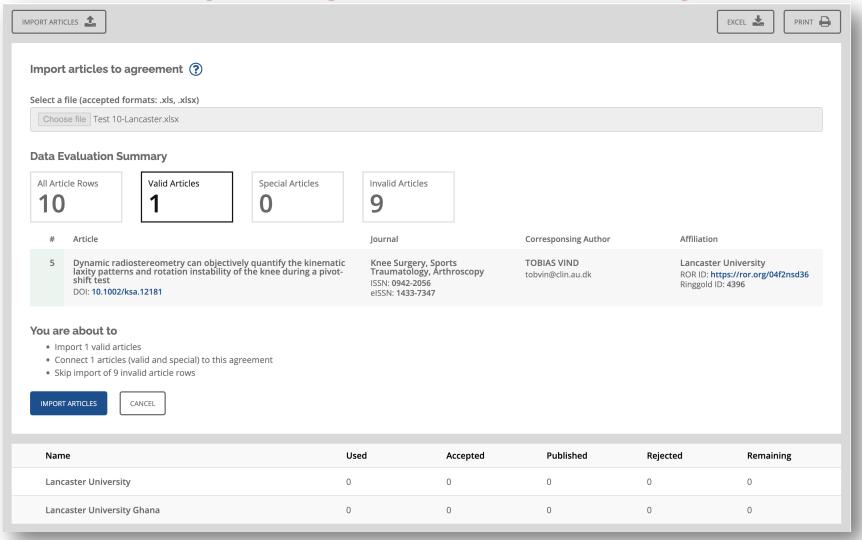
- Start using the Agreement Monitoring





Future Developments

- Start using the Agreement Monitoring





Automated consolidation of the article data for all agreements

No duplicates (using DOI), match with agreement, journal and institution

Data import via Excel or automated via OA Switchboard or publisher being on ChronosHub

Future Developments – Sync with Pure



- The integration between ChronosHub and Pure is to be finalised during Q4
- Data on persons, affiliations, grants and funders in Pure will be used in ChronosHub
- This enables a direct matching using the same PIDs in Pure and ChronosHub and a fully automated data transfer
- New research outputs (meta-data and fulltexts) will be added through the re-configured widget and transferred from ChronosHub to Pure once published to minimize back and forth



Thank you for listening, any questions?