

# Europe PMC Roadmap - April to June 2024

**Mission:** "To build open, full-text scientific literature resources and support innovation and discovery by engaging users, enabling contributors, and integrating related research outputs."

Europe PMC Objectives (2021-2026)	In progress	Next / On hold	Considering
<ul style="list-style-type: none"> <li>High performance open access full text database and related services</li> </ul>	<ul style="list-style-type: none"> <li>Migrate automated jobs to an open source scheduler (Slurm)</li> <li>New mechanism for data exchange with PubMed / PMC</li> <li>Implement and test changes to improve usability for the beta release of Advanced search</li> </ul>		
<ul style="list-style-type: none"> <li>Development of emerging open publication workflows</li> </ul>		<ul style="list-style-type: none"> <li>Investigation of DataCite API</li> </ul>	<ul style="list-style-type: none"> <li>Ingest protocols from Protocols.io</li> <li>Ingest and display open peer review information from Crossref for journal articles</li> </ul>
<ul style="list-style-type: none"> <li>Integrate publications with data, software, people, grants, institutions</li> </ul>	<ul style="list-style-type: none"> <li>Investigate addition of ROR IDs to the affiliation metadata of accepted manuscripts</li> </ul>	<ul style="list-style-type: none"> <li>User research: discovering and accessing data and software underlying a publication</li> </ul>	<ul style="list-style-type: none"> <li>Capture additional metadata from XML files provided by publishers</li> <li>Discovery work to distinguish original and reused data</li> </ul>
<ul style="list-style-type: none"> <li>Open community platform for machine learning &amp; text mining</li> </ul>	<ul style="list-style-type: none"> <li>Display accession numbers and bioentities from supplementary files on article pages</li> <li>Add SciCrunch (RRIDs) annotations</li> </ul>	<ul style="list-style-type: none"> <li>Add metagenomics annotations to text mining pipeline</li> <li>Add RNACentral annotations</li> </ul>	<ul style="list-style-type: none"> <li>Add Expression Atlas as an external links provider</li> <li>Add PDBe residue names and numbers to Europe PMC annotations pipeline</li> </ul>
<ul style="list-style-type: none"> <li>Support open science: reuse of content, links, semantic enrichment</li> </ul>	<ul style="list-style-type: none"> <li>Replace dictionary-based tagging with machine learning-based tagging for text-mining annotations</li> </ul>	<ul style="list-style-type: none"> <li>Improvements to increase the Europe PMC citation network (including preprint citations)</li> </ul>	
<ul style="list-style-type: none"> <li>Meet the needs of users and key stakeholder groups</li> </ul>	<ul style="list-style-type: none"> <li>A visual timeline for date filter</li> <li>'Enabling preprint discovery, evaluation, and analysis with Europe PMC' publication</li> </ul>	<ul style="list-style-type: none"> <li>Indexing long form outputs on NCBI bookshelf for Europe PMC funders</li> </ul>	

# Completed work - Quarter 1 January to March 2024

Europe PMC Objectives (2021-2026)

Released/completed Q1 January to March 2024

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■ **High performance service, continuous improvements**

- Complete Solr reindex
- Annual update of MEDLINE data
- Wrap up of the COVID-19 full text preprints project

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■ **Development of emerging open publication workflows**

- Ingest and display open peer review information from Crossref for preprint articles

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■ **Integrate publications with data, software, people, grants, institutions**

- Ingest preprints from Qeios

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■ **Open community platform for machine learning & text mining**

- Integrate Open Targets literature evidence text mining pipeline with the core Europe PMC infrastructure
- 'Lit-OTAR Framework for Extracting Biological Evidences from Literature' preprint

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■ **Support open science: reuse of content, links, semantic enrichment**

- End of COVID-19 preprint project

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■ **Meet the needs of users and key stakeholder groups**

- Test sort options utilising A/B testing
- Add search filter for document types
- Add a free full text search filter
- Add a free full text linked search filter
- Principles of Open Scholarly Infrastructure self-evaluation update
- User research: 2023 user survey