

Europe PMC Roadmap - July to September 2022

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

Europe PMC Objectives (2021-2026)	In progress	Next / On hold	Considering
<p>High performance open access full text database and related services</p>	<ul style="list-style-type: none"> Investigate improvements to search functionality based on user research findings Define requirements for analytics tools and investigate tools for evaluation Upgrade of virtual machine infrastructure Migrate production jobs to a new high performance computing farm (phase 2) 	<ul style="list-style-type: none"> Optimise the performance of the grants ingest process Redesign of advanced search 	
<p>Development of emerging open publication workflows</p>	<ul style="list-style-type: none"> Investigate availability of open peer review status and materials via Crossref metadata and other open peer review platforms 	<ul style="list-style-type: none"> Index protocols from Protocols.io 	<ul style="list-style-type: none"> Improve display of peer review status for preprints and articles
<p>Integrate publications with data, software, people, grants, institutions</p>	<ul style="list-style-type: none"> Investigate introducing ROR IDs into grant data using a machine learning algorithm 		
<p>Open community platform for machine learning & text mining</p>	<ul style="list-style-type: none"> Development of a text mining API to mine supplementary files for bioentities 	<ul style="list-style-type: none"> Introduce a Machine learning component in core text mining pipeline to remove false positive 	<ul style="list-style-type: none"> Implement a new modularised technical architecture for text mining pipelines
<p>Support open science: reuse of content, links, semantic enrichment</p>		<ul style="list-style-type: none"> Provide bulk download of PDF files in the Open Access subset 	
<p>Meet the needs of users and key stakeholder groups</p>	<ul style="list-style-type: none"> Webinar on "Credit for preprint peer review - recognizing ECR contributions" 		

Completed work - Quarter 2 (April to June 2022)

Europe PMC Objectives (2016-2021)

Released/completed Q2 April to June 2022

■ **High performance service, continuous improvements**

- Improved design of feedback form and process
- Improved TeX rendering in preprint abstracts
- Changed default sort order of search to relevance

■ **Development of emerging open publication workflows**

- Improvements to matching of citations in preprint reference lists
- Investigation into peer review DOIs available via Crossref and DataCite

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

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

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

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

- Implemented strategy for outreach to researchers
 - Delivered webinars:
 - Checking for preprint and article updates
 - Selecting and evaluating preprints for a journal club
 - SciELO Preprints in Europe PMC
 - Bioinformatics Summer School training
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