

Europe PMC Roadmap - July to September 2021

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"> Redesign of home, about and support pages based on usability testing feedback Upgrade of virtual machine infrastructure Upgrade of Solr search version Upgrade of MongoDB database version 	<ul style="list-style-type: none"> Consolidate full text databases and upgrade licenses Migration of production jobs to a new high performance computing farm (LSF) 	
<p>Development of emerging open publication workflows</p>	<ul style="list-style-type: none"> Ingest full text COVID-19 preprints from SciELO and Protocols.io 	<ul style="list-style-type: none"> Improve labelling of preprint retractions and withdrawals on article pages Improve display of preprints from Open Research platforms Develop a metadata standard for peer review status in collaboration with partners 	
<p>Integrate publications with data, software, people, grants, institutions</p>	<ul style="list-style-type: none"> Develop email alerts for saved searches Ingest of license and funding data from Crossref 	<ul style="list-style-type: none"> Improve Advanced search features for finding articles with linked data Develop mechanisms to get alerts for events on publications 	
<p>Open community platform for machine learning & text mining</p>	<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 	<ul style="list-style-type: none"> Text mine supplemental data from Biostudies
<p>Support open science: reuse of content, links, semantic enrichment</p>			<ul style="list-style-type: none"> Redesign of advanced search features
<p>Meet the needs of users and key stakeholder groups</p>	<ul style="list-style-type: none"> API webinar 	<ul style="list-style-type: none"> Update strategy for outreach to researchers 	

Completed work - Quarter 2 (April to June 2021)

Europe PMC Objectives (2016-2021)

Released/completed Q2 April to June 2021

■ **High performance service, continuous improvements**

- Improvements to full text ingest processes
- Improved resilience of manuscript submission system technical architecture

■ **Development of emerging open publication workflows**

- Ingest of full text COVID-19 preprints from PsyarXiv

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

- User research for email alerts

■ **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**

- 'Preprints 101 for authors' joint webinar with ASAPBio
 - Training for Health Data Research UK (HDR UK) 100%
 - Training for EMBL Interdisciplinary Postdocs (EIPOD)
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