Europe PMC Roadmap - October to December 2023

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
High performance open access full text database and related services	- Upgrade of virtual machine infrastructure - Search improvements: a visual timeline for the date filter - Migrate Europe PMC blog to a new platform - Migrate automated jobs to an open source scheduler (Slurm) - Wrap up of the COVID-19 full text preprints project	Search improvements: testing redesign of advanced search with users	Investigate biomedical tokenisers to improve searching for terms that include hyphens (e.g. gene/protein names)
Development of emerging open publication workflows	- Ingest preprints from AfricArXiv - Ingest and display preprint peer review information from Crossref	- Ingest preprints from ScienceOpen Preprints - Ingest protocols from Protocols.io	
Integrate publications with data, software, people, grants, institutions		User research: discovering and accessing data and software underlying a publication	
Open community platform for machine learning & text mining	- Text mine Cellosaurus, Rhea, BioImage Archive, BRENDA and AlphaFold accession numbers - Investigate adding machine learning component in text mining pipeline to improve recall and precision - Display accession numbers and bioentities from supplementary files on article pages	Add SciCrunch (RRIDs) and RNAcentral annotations	- Add metagenomics annotations to text mining pipeline - Add Expression Atlas as an external links provider
Support open science: reuse of content, links, semantic enrichment	- Discovery work to define categories of data and investigate mechanisms to distinguish between original data and data reuse - Improvements to increase the Europe PMC citation network (including preprint citations)		
Meet the needs of users and key stakeholder groups	'Europe PMC in 2023' publication - Planning preprint peer review metadata workshop 'How to make your research open with Europe PMC' webinar for researchers	- User research: 2023 user survey 'Enabling preprint discovery, evaluation, and analysis with Europe PMC' publication	

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Completed work - Quarter 3 July to September 2023

Europe PMC Objectives (2021-2026)

Released/completed Q3 July to September 2023

High performance service, continuous improvements
- Search improvements: include articles with free full text links via Unpaywall in search filter
- Upgrade Matomo web analytics tool

Development of emerging open publication workflows
- Ingest and display preprint peer review information from Sciety and Review Commons
- Ingest full text COVID-19 preprints from Authorea, Preprints.org, PsyArXiv and SciELO Preprints

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

Open community platform for machine learning & text mining
- Open source the code for the API to text-mine bioentities from supplementary files
- Openly shared dictionaries used to text-mine bioentities from supplementary files

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

Meet the needs of users and key stakeholder groups
- EIPOD Open Science course training

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