Europe PMC Roadmap - July to September 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
🟧 **High performance open access full text database and related services**	• New mechanism for data exchange with PubMed / PMC • Implement and test changes to improve usability for the beta release of Advanced search	• Migrate automated jobs to an open source scheduler (Slurm)	
🟦 **Development of emerging open publication workflows**		• Investigation of DataCite API	• Ingest protocols from Protocols.io • Ingest and display open peer review information from Crossref for journal articles
🟪 **Integrate publications with data, software, people, grants, institutions**		• User research: discovering and accessing data and software underlying a publication	• Capture additional metadata from XML files provided by publishers • Discovery work to distinguish original and reused data
🟩 **Open community platform for machine learning & text mining**	• Display accession numbers and bioentities from supplementary files on article pages • Add SciCrunch (RRIDs) annotations • Add metagenomics annotations to text mining pipeline	• Add Expression Atlas as an external links provider	• Add PDBe residue names and numbers to Europe PMC annotations pipeline • Add RNAcentral annotations
🟥 **Support open science: reuse of content, links, semantic enrichment**	• Replace dictionary-based tagging with machine learning-based tagging for text-mining annotations • Resume indexing UK doctoral theses provided by EThOS	• Improvements to increase the Europe PMC citation network (including preprint citations)	
🟪 **Meet the needs of users and key stakeholder groups**	• 'Enabling preprint discovery, evaluation, and analysis with Europe PMC' publication • Focus groups to understand the challenges researchers face when searching for literature • Landscape analysis for scientific discovery tools to identify gaps and opportunities	• Indexing long form outputs on NCBI bookshelf for Europe PMC funders	

Last updated: 30 July 2024

Completed work - Quarter 2 April to June 2024

Europe PMC Objectives (2021-2026)　　　　**Released/completed Q2 April to June 2024**

■ **High performance service, continuous improvements**

■ **Development of emerging open publication workflows**

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

- Investigate addition of ROR IDs to the affiliation metadata of accepted manuscripts

■ **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**

- A visual timeline for date filter

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