SciBite

2026 roadmap

Turn scientific data into connected, searchable knowledge

SciBite uses technology, expertise and curated ontologies to harmonize, tag and make data consistent, machine-readable and ready-to-use.

Our key initiatives in 2026

Ontology management

We are on a continual drive to strengthen the core of our ontology management capabilities (CENtree) to support day-to-day data governance, including enhancements that improve how CENtree scales to run multiple large-scale jobs in parallel.

AI innovations

We will be using AI to help teams both build as well as consume ontologies more efficiently.

- Using AI to support the generation of ontologies will further support data stewardship, through a more seamless extension of existing standards as well as the development of new ones.
- Vector-based index will support advanced AI-powered search, enabling more intuitive ontology discovery and enhancing CENtree's predictive capabilities for ontology mapping and alignment.
- To ensure CENtree is agentic ready, we will be adding an MCP server to the tool, making your ontologies readily available to agentic workflows and other downstream applications.

Improving your ability to manage content

Within the platform, new and updated ontologies including content from ChEMBL and different language extensions of key biomedical ontologies will be available to centralize content across domains. Coupled with more detailed release statistics, we'll be enhancing traceability, provenance and strengthening how you access and reuse content.

Enrichment

Combining ontologies and language models

This year we will look to enhance our enrichment capability through combining the curated content of our enrichment engine (TERMite 7) with GenAI, bringing together the best of both ontologies and language models. Starting with relation extraction, our enrichment workflows will ensure your data can support step-by-step research tasks with explainable ontologies as the guardrails; helping develop knowledge graphs and get to the insights that matter, faster.

Language expansion

We'll also be looking at expanding our enrichment capabilities to other languages, starting with Japanese. There is a growing body of high-quality research beyond the anglophone world, supported by expanding multi-language standards/ontologies from the latest research, in whichever language it may be published.

Search

New options for integrating data

We are building a new multi-tenant cloud platform with the newer version of SciBite Search set to be the first capability served. We will be offering an MCP server for search, providing customers even more ways to integrate data into their workflows, via scalable APIs or our AI-ready capabilities.

Incorporate Elsevier data into your workflow

With the appropriate full-text journal license, you can now seamlessly incorporate Elsevier data into your discovery workflows while our ISO-compliant cloud solution offers a secure and seamless way to search across internal and open-source data.

Supporting your AI initiatives

These enhancements will all be brought together into a uniform cloud experience. This will bring ontology, enrichment and search capabilities together and expose them in agentic-ready mechanisms; allowing your teams to compose multi-step tasks with curated vocabularies and trustworthy annotations, enabling better insights.

Learn more:

elsevier.com/products/scibite