

IQVIA AI-Assisted Literature Review Service

- **Benefit from expert-led, AI-driven literature reviews powered by IQVIA Healthcare-grade AI®**
- **Get high-quality insights faster from massive volumes of scientific publications**

As the volume of published scientific research continues to grow, the time and effort required to perform necessary scientific literature reviews expands accordingly. Relying solely on traditional, manual review methods has become increasingly untenable. Fortunately, the responsible adoption of AI offers an innovative solution to this pervasive challenge.

If literature reviews are placing undue burden on your team — we can help

- Struggling to **identify which articles are most relevant** to your research question from a vast, evolving body of scientific literature?
- Grappling with **resource constraints** due to a significant manual burden on your experts?
- Unable to keep up with the complex demands related to literature reviews, finding them **challenging to overcome in a timely manner**?

Then IQVIA AI-Assisted Literature Review service is right for you.



Cut literature review times from months to days

IQVIA AI-Assisted Literature Review service brings together world-class expertise in evidence synthesis and proven AI to transform how scientific literature is reviewed. In this engagement model, our experts use our proprietary IQVIA Literature AI Platform. Powered by IQVIA Healthcare-grade AI®, the platform brings several AI agents together into a cohesive system which cuts literature review times from **months to days** while improving the quality and consistency of outputs.

This expert-guided, AI-accelerated service delivers faster, more comprehensive reviews than achievable using a fully manual approach, without sacrificing auditability, giving your organization the clarity and confidence needed to act on the latest scientific evidence.



UNBURDEN YOUR EXPERTS

AI agents augment human expertise, enabling researchers to focus on interpretation of outputs and generation of strategic insights instead of repetitive manual tasks.



DRIVE INNOVATION

Automate search, screening and data extraction to capture the most current evidence, making fast and high-quality literature reviews a practical reality.



FUEL GROWTH

Scale your literature review capacity, extracting richer insights from more sources to support global market access, clinical development, and publication strategies.

Purpose-built AI for scientific rigor

IQVIA AI-Assisted Scientific Literature Review is a fully managed service in which IQVIA experts design, execute, and deliver high-quality, Cochrane-style scientific literature reviews on your behalf. The service is underpinned by the IQVIA Literature AI Platform, which accelerates and enhances every step of the review process, from literature search to evidence synthesis.

At the core of the service is the Literature AI Platform’s agentic architecture, which brings together multiple, specialized AI agents to orchestrate content access, search optimization, document screening, data extraction, and evidence synthesis. Unlike general-purpose AI tools, these agents are trained specifically on the structure and language of scientific literature and are aligned to IQVIA’s evidence standards, delivering speed without compromising scientific rigor, transparency, or traceability.

 STEP	 CHALLENGE	 AI-ASSISTED LITERATURE REVIEW SERVICE
Content access	Difficulty accessing up-to-date, high-quality scientific content that’s available for AI-assisted processing.	Underpinned by a vast catalogue of scientific literature and biomedical content, encompassing over 350 million documents, fully indexed and curated for AI use and interrogation.
Search	Defining and executing an effective search strategy is complex: too broad yields unmanageable corpora, too narrow risks missing critical evidence.	AI-enabled search agents help define, document, and execute precise search strategies tailored to your research question, retrieving only the most relevant documents.
Document screening	Screening is time-consuming, resource-heavy, and difficult to scale.	AI-enabled screening and document evaluation agents rapidly identify relevant studies and provide users with key information needed to proceed confidently to data extraction.
Data extraction	Manual data extraction is slow, error-prone, and inconsistent across reviewers.	AI-enabled data extraction agents identify variables of interest, generate templates, and perform accurate, reproducible data extraction at scale.
Insights generation	Synthesizing large volumes of evidence into actionable insights is complex and labor-intensive.	AI-enabled summarization and synthesis agents generate transparent, high-quality evidence summaries, drawing only from validated, relevant content identified during review.

Customer successes

- 87% reduction in manual screening effort for a Systematic Literature Review (SLR) in non-small cell lung cancer
- 2.5-3x reduction in data extraction effort for a highly complex living SLR in COVID
- Synthesis of evidence to support 24 targeted literature reviews in the time it would have taken to complete a single review, to inform a market access and pricing strategy for a first-in-class preventative medication
- Screening and synthesis of relevant evidence from a corpus of over 3,000 abstracts to serve a Targeted Literature Review (TLR) in obesity and Type 2 diabetes in under 3 weeks

For more information on IQVIA AI-Assisted Scientific Literature Review service — powered by **IQVIA Healthcare-grade AI**® — contact our experts at AppliedAIScienceInfo@IQVIA.com or +1 866 267 4479.



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