VETRA

The AI revolution in research

PROBLEM

Systematic reviews are essential - but slow and expensive

- Months of manual work per review (searching, screening, checklists, data extraction, writing).
- Massive costs in researcher hours.
- High risk of human error and lack of traceability.
- Updating reviews when new evidence emerges is complex and resource-intensive (again).

A single systematic review may require 6–12 months of work and several thousand euros in personnel costs.

THE OPPORTUNITY

- Researchers - specially in healthcare - are struggling to keep up with the growing demand for systematic reviews.
- Generative AI enables seamless automation in complex tasks, such as the ones required in a systematic review.
- Universities, healthcare systems, and scientific societies need more efficient and traceable tools.

There is a clear gap between what technology already enables and the tools researchers actually use.

VETRA

AI FOR SYSTEMATIC REVIEWS IN HEALTHCARE

VETRA is an AI-powered platform that assists and automates every stage of a systematic review, while keeping researchers fully in control (human-in-the-loop by design).

- Cuts review time from months to hours.
- Structured workflows based on recognized guidelines (PRISMA, JBI, etc.).
- Built-in collaboration for research teams.
- Full traceability and documentation, publication-ready.

SYSTEMATIC REVIEW WORKFLOW

VETRA covers the entire pipeline:

- Research question definition (PICO, SPIDER, etc.).
- Search strategy building and replication.
- Assisted screening (title-abstract, full text).
- Critical appraisal using checklists (JBI, Cochrane, etc.).
- Structured data extraction.
- Support for synthesis and writing.

AI supports the process, but all key decisions are reviewed and validated by the researcher.

VETRA ACCESS PLANS

Find the perfect model for your team

🏛️ **Institutions**
Exclusive licences for universities, hospitals and research centres.
🔬 **Scientific societies**
Plans designed for teams that produce periodic reviews or specialised guidelines.
👥 **Small teams**
Tailored access for master’s theses, doctoral theses, clinical groups or specific projects.

Choose the option that best fits your needs and take your work to the next level.

COMPETITION

WHY IS VETRA DIFFERENT?

Generic AI tools	ChatGPT SciSpace Elicit	Fast but opaque results, no process traceability → not aligned with scientific method
Stage-oriented tools	Rayyan, ASReview, Covidence	Support for screening or partial stages → partial vision.
VETRA Built specifically for systematic reviews in healthcare		• Methodologically rigorous and publication-ready output (not just “quick summaries”). • E2E workflow coverage. • AI with human-in-the-loop and full decision traceability. • Designed from real clinical and research practice.

WHERE WE ARE NOW

VETRA V1: Now Live!

🚀 We are launching the pilot phase with real clients.

💡 **A fully functional platform**

- A complete workflow for reviews: design, search, screening, analysis and writing.
- Guided pilots: Designed for universities, scientific societies, hospitals and research groups.

🔍 **Real-world validationreal:**

- We will measure time reduction, traceability, screening accuracy and methodological quality.

ROADMAP

Scope & Review

Research scope definition and systematic review assistant.

Design & Planning

Methodological design and study preparation.

Research Ecosystem

A technology hub to design, execute, and publish research.

TEAM

Carlos Rosety Alonso

AI & Product

AI engineer turning state-of-the-art models into production-ready software. Forbes 100 Creative, MIT speaker, and NEOTEC project lead.

Fernando Morenilla Gandía

Methodology & Scientific Validation

Primary Care Nurse Specialist, MSc (UCV), PhD candidate (UV). Awards for best scientific article, best oral conference presentation, best undergraduate thesis, and best resident (2022–2024).

Javier Andani Cerdá

Cloud & Operations

Engineer and consultant specialized in cloud solutions. Experience in coordinating tech projects and transferring innovation into robust, usable systems.

CONTACT

Email

carlos.rosety@gmail.com
fernandomorenilla1@gmail.com
javier_andani@hotmail.com

Find us

Carlos Rosety
Fernando Morenilla
Javier Andani

VETRA