

Luminari CRO Launches Revolutionary AI-Powered Platform to Transform Clinical Trial Efficiency and Drug Development

Announces \$2M Pre-Seed Round and Strategic Collaboration with 20/15 Visioneers

MIAMI , FL, UNITED STATES, September 5, 2025 /EINPresswire.com/ -- [Luminari CRO](#), a pioneering clinical research organization, today announced its official launch with a groundbreaking AI-powered platform designed to revolutionize drug development and clinical trial processes. The company is simultaneously opening its \$2 million pre-seed funding round on Hey Canopy and unveiling a strategic collaboration with [20/15 Visioneers](#), a leader in science and technology consulting and marketing.

This dual milestone positions Luminari CRO not only as a technology innovator but also as a company prepared to accelerate market adoption of its solutions through scientific credibility and innovative marketing strategies.

Addressing Critical Industry Pain Points

The pharmaceutical industry faces mounting pressure with clinical trial costs exceeding \$2.6 billion per approved drug and success rates remaining stubbornly low. Traditional clinical trial processes are plagued by lengthy timelines, high costs, and delays that prevent life-saving treatments from reaching patients efficiently.

Luminari CRO's platform tackles these challenges head-on through advanced AI technology and



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virtual patient modeling. Protocol and study design processes that traditionally required eight weeks can now be completed in just eight minutes – a 99.8% reduction in timeline.

Revolutionary Technology Platform

At the core of Luminari CRO's offering is a sophisticated AI-driven platform that creates virtual patient models to predict study outcomes and success rates. This technology enables pharmaceutical companies to:

- Dramatically reduce protocol development timelines
- Minimize costly trial failures through predictive modeling
- Optimize patient recruitment and retention strategies
- Enhance regulatory submission accuracy
- Streamline the entire drug development journey

"We are committed to accelerating the path from discovery to market, reducing costs, errors, and delays in clinical trials," said Yuri Zamostin, CEO of Luminari CRO. "Our vision is to lead the transformation of the pharmaceutical industry where cutting-edge therapies are brought to market swiftly, with precision and affordability."

Proven Leadership Team

Luminari CRO's leadership team brings more than 100 years of combined industry experience from organizations including Apple, IBM, CVS Health, Parexel, and IQVIA. Collectively, the team has launched and commercialized over 60 products globally across multiple therapeutic areas and includes former FDA and EU regulators.

Key leadership includes:

- Yuri Zamostin, CEO – Seasoned pharmaceutical executive
- Dave Urban, Strategic Advisor – Go-to-market strategy expert
- Chuck Hamilton, Chief Learning Officer – Industry learning and development leader
- Matt Liotine, Chief Data Officer – Data science and analytics expert
- Naveen Ganne, CTO – Technology innovation and AI development specialist

Strategic Partnerships and Market Validation

Since its founding in October 2024, Luminari CRO has built partnerships across the pharmaceutical ecosystem for data acquisition, model training, go-to-market collaboration, and structured content automation.

The company's newest collaboration is with 20/15 Visioneers, who will serve as both a scientific partner—helping validate AI-driven approaches in target discovery—and as a strategic science and technology marketing partner, designing and executing innovative go-to-market strategies to accelerate adoption of Luminari CRO's platform.

"This collaboration is about more than just technology—it's about making science and medicine faster, smarter, and more accessible," said John F. Conway, Founder of 20/15 Visioneers. "By combining Luminari CRO's revolutionary AI platform with our expertise in scientific informatics AI/ML and marketing, we're ensuring great ideas don't just stay in the lab or clinic; they reach the

researchers, clinicians, and patients who need them most."

Funding and Growth Strategy

Luminari CRO is raising a \$2 million pre-seed funding round through Hey Canopy, with proceeds dedicated to scaling its solution, expanding LLM model training, growing operations, and advancing strategic marketing initiatives.

"By developing virtual patient models that predict study outcomes and tailoring our support to unique sponsor needs, we aim to be the catalyst for groundbreaking advancements in drug development," Zamostin added.

About Luminari CRO

Founded in October 2024 and headquartered in Miami, Florida, Luminari CRO is revolutionizing the drug development journey through AI-powered clinical research solutions. The company's mission is to accelerate the path from discovery to market while reducing costs, errors, and delays in clinical trials. Luminari CRO is dedicated to creating a future where innovative treatments reach patients more efficiently through cutting-edge technology and deep industry expertise.

For more information about Luminari CRO below or follow on LinkedIn at

<https://www.linkedin.com/company/luminari-cro/>

For investment opportunities, visit the [Hey Canopy funding page](#).

About 20/15 Visioneers

20/15 Visioneers is a science and data-driven consulting and marketing firm helping life sciences organizations harness the power of AI, machine learning, and digital transformation. With a track record of building model-quality data strategies and delivering creative, high-impact marketing, Visioneers drives growth for startups (SciTech and Software) and global biopharma leaders alike.

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