



HAYA Therapeutics Raises \$65 Million in Series A Funding to Deliver Precision RNA-Guided Medicines for Chronic and Age-Related Diseases

Series A round led by Sofinnova Partners and Earlybird Venture Capital with syndicate including Eli Lilly and Company

Funds to advance clinical development of heart failure lead candidate and expand platform targeting the regulatory genome

LAUSANNE, Switzerland and SAN DIEGO, USA – May 8, 2025 – [HAYA Therapeutics, SA](#), a biotechnology company pioneering precision RNA-guided regulatory genome targeting therapeutics that reprogram disease-driving cell states for rare, common, chronic and age-related diseases, announced that the company has raised \$65 million in Series A funding. The financing will accelerate the clinical development of HAYA's lead long non-coding RNA (lncRNA) targeting candidate HTX-001 in heart failure and the continued expansion of its RNA-guided regulatory genome pipeline development engine. This investment emphasizes investor confidence in HAYA's groundbreaking science and positions the company to deliver on its mission of bringing disease-modifying, precision medicines faster and more efficiently to patients. The round was led by Sofinnova Partners and Earlybird Venture Capital, with participation from Eli Lilly and Company (Lilly), ATHOS, +ND Capital, Alexandria Venture Investments and LifeLink Ventures, with additional support from existing investors Apollo Health Ventures, Longview Ventures (an affiliate of Broadview Ventures), 4see ventures, BERNINA Bioinvest and Schroders Capital.

"This is a defining moment for HAYA as we are advancing our lead program into the clinic. This funding validates our organization, pioneering approach and vision for improving the way chronic and complex diseases are treated by creating a new generation of therapies that reprogram disease-driving cell states into healthy ones," said Samir Ounzain, Ph.D., Co-founder and CEO of HAYA Therapeutics. "We're excited that Sofinnova Partners, Earlybird and our syndicate of investors share our vision for the potentially industry changing nature of our platform as we move beyond traditional approaches by leveraging novel therapeutic targets emerging from the regulatory genome."

The company will use the funds to initiate clinical trials for HTX-001, HAYA's first-in-class lncRNA-targeting therapy for heart failure, initially focused on non-obstructive hypertrophic cardiomyopathy (nHCM). In parallel, the company will strengthen its platform capabilities and expand its pipeline of disease-modifying therapies across multiple therapeutic areas—including pulmonary fibrosis, obesity and age-related common and chronic diseases.

"HAYA's platform unlocks the dark genome's therapeutic potential by targeting disease-driving cell states via long non-coding RNAs. This novel approach opens a new frontier in precision medicine, moving beyond traditional target classes to address disease at its epigenetic and cellular roots. Leading this round alongside Earlybird reflects our deep conviction in the HAYA team and their mission to develop safer, more effective therapies across a broad range of indications, including their lead program in nHCM, as they advance it toward the clinic to address a major unmet need," noted Henriette Richter, Managing Partner at Sofinnova Partners.

The core of HAYA's proprietary platform maps and decodes the biology of the regulatory genome, also referred to as the "[genome's dark matter](#)" or "[Dark Genome](#)," which constitutes 98% of the human genome. While the regulatory genome does not code for proteins it is now recognized as the master control layer of gene expression and cell identity. HAYA has developed the most comprehensive atlas of the regulatory genome by combining integrated multimodal functional genomics with a stack of proprietary computational and machine learning methodologies, enabling the precise identification and modulation of pathogenic cell states across diverse diseases. HAYA's regulatory genome platform enables the development of RNA-guided therapeutics with unprecedented precision, speed and scalability. This next-generation approach is designed to go beyond symptom management and directly reprogram the cellular drivers of disease.

To support its strategic growth, HAYA recently assembled an industry-leading C-level suite to drive scalable [growth](#), [business](#) and [clinical](#) development and expand strategic collaborations with pharmaceutical and technology partners. The company [recently announced a partnership with Lilly](#), one of the largest collaborations to date in the regulatory genome space, focused on RNA-based drug targets for obesity and metabolic disorders.

About HAYA Therapeutics

[HAYA Therapeutics](#) is a precision medicines company developing programmable therapeutics targeting regulatory RNAs derived from the dark genome, a cell information processing unit, to reprogram pathological cell states for a broad range of diseases, including cardiovascular and metabolic diseases and cancer. The company is using its [innovative platform](#) to gain novel insights into the biology of disease cell states and the long non-coding RNAs (lncRNAs) that regulate them. HAYA's lead therapeutic candidate is HTX-001, in development for the treatment of heart failure. HAYA is also developing a pipeline of lncRNA-targeting precision therapies for the cell-specific treatment of diseases in other tissues.

HAYA is headquartered at the life sciences park Biopôle in Lausanne, Switzerland with laboratory facilities in San Diego. For more information on the company, please visit our website at www.hayatx.com. Follow us on [X](#) and [LinkedIn](#).

About Sofinnova Partners

Sofinnova Partners is a leading European venture capital firm in life sciences, specializing in healthcare and sustainability. Based in Paris, London, and Milan, the firm brings together a team of professionals from all over the world with strong scientific, medical, and business expertise. Sofinnova Partners is a hands-on company builder across the entire value chain of life sciences investments, from seed to later-stage. The firm actively partners with ambitious entrepreneurs as a lead or cornerstone investor to develop transformative innovations that have the potential to positively impact our collective future.

Founded in 1972, Sofinnova Partners is deeply established in Europe, with 50 years of experience backing over 500 companies and creating market leaders around the globe. Today, Sofinnova Partners manages over €4 billion in assets. For more information, please visit: sofinnovapartners.com.

Media Contacts:

HAYA Therapeutics

Michelle Linn

Founder and CEO of Linnden Communications

Email: michelle@linndencom.com

Sofinnova Partners

Bommy Lee

Head of Communications

Email: blee@sofinnovapartners.com

+33 (0) 6 47 71 38 11