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Korea's Galux joins hands with Boehringer Ingelheim to advance AI-driven protein design

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Setting the stage for broader research initiatives between the two companies



Galux, a South Korean biotech startup pioneering AI-driven protein therapeutics discovery, has signed a research agreement with Boehringer Ingelheim to jointly explore the application of artificial intelligence (AI) in precision protein design for therapeutic development.

The goal is to evaluate how AI can be leveraged to design purpose-specific protein molecules that meet precise scientific and translational needs, where conventional approaches face limitations.

Earlier this year, Galux reached a major milestone in de novo antibody design, successfully discovering novel antibodies with high binding affinity, target specificity and selectivity, structural precision, and stability across multiple therapeutic targets. These achievements firmly position GaluxDesign as one of the most advanced and experimentally validated AI platforms for protein design.

Building on this foundation, the initial phase of the collaboration will focus on validating the feasibility and potential of AI-driven protein design across selected cases, setting the stage for broader research initiatives between the two companies.

“Through this agreement, we aim to explore how AI protein design can address highly specific scientific and translational needs — challenges that often require precise and tailored molecular solutions,” said Chaok Seok, CEO of Galux. “It’s about demonstrating that AI can move beyond prediction to purposeful molecular design, creating proteins that meet clearly defined research and therapeutic goals.”