

Company: Emergent Dynamics

Project: In Silico Drug Discovery Pipeline

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Overview: Emergent Dynamics is an AI company headquartered in New York City founded in 2019 by CEO David Longo.

The company specializes in applying GANs and reinforcement learning to improve the speed and efficacy of the drug discovery process. Building on a series of experiments by AI and computational biological experts Emergent Dynamics is building a fully in silico drug discovery pipeline. This will include a hypothesis generator, and tools for target identification, validation and clinical pre-production. The pipeline will generate vetted lead therapeutics which can be developed and commercialized through industry partner- ships or licensing agreements with biopharmaceutical manufacturers.

Emergent Dynamics is made up of a formidable team of experts in their field. With a team full of high-performance computing, natural language processing, and reinforcement learning experts alongside physicists, chemists, and biologists, Emergent is well set to deliver next generation therapeutics. The current standard in the industry of intelligent drug discovery is an expert-to- staff ratio of 40%. At Emergent Dynamics, our expert-to-staff ratio tops 80%, making us a veritable think tank for drug discovery.