

FOR IMMEDIATE RELEASE:

IndyGeneUS Bio Files Patent for Clinico-Genomic Insight Engine™, Advancing an AIxBio Factory for Population-Scale Genomic Intelligence

Baltimore, MD (January 12, 2026) - **IndyGeneUS Bio** today announced the filing of a patent application covering its **Clinico-Genomic Insight Engine™ (CGIE™)**—a foundational platform under development to support regulated whole-genome analysis, AI-enabled target discovery, and secure genomic data operations for pharmaceutical and public-sector use.

The patent application was filed by **Wilson Sonsini Goodrich & Rosati**, a law firm widely recognized for representing venture-backed technology and life-science companies at the forefront of innovation.

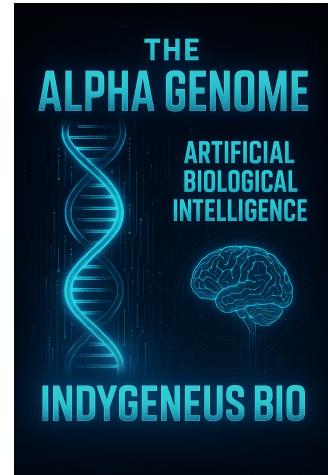
The filing comes at a time when drug developers, investors, and regulators are increasingly prioritizing scalable genomic infrastructure capable of supporting AI-driven discovery while meeting stringent requirements for security, compliance, and data governance. As development costs rise and biological complexity remains under explored, platforms that integrate genomics, artificial intelligence, and regulated compute are emerging as critical enablers of next-generation therapeutics.

Baltimore Development Corporation is the lead seed investor in the veteran-owned company, reinforcing Baltimore's growing role as a national hub for advanced life-science infrastructure, artificial intelligence, and data-driven biomedical innovation.

“CGIE™ is being built as future-facing infrastructure rather than a point solution,” said **Yusuf Henriques**, Founder and CEO of IndyGeneUS Bio. “Our objective is to establish the **AIxBio Factory**—the BlackRock of Genomics—capable of transforming population-scale genomic data into durable biomedical and therapeutic assets.”

The core engine of IndyGeneUS Bio’s AIxBio Factory is CGIE™, which integrates secure whole-genome sequencing workflows, high-performance computing, and audit-ready data governance into a unified platform. The system is being developed to support regulated genomic workloads, including variant discovery, AI model training, and longitudinal analysis, with initial deployments anticipated in 2026.

According to the company, the AIxBio Factory architecture aligns with national priorities articulated by the U.S. National Security Commission on Emerging Biotechnology, which has identified biotechnology, artificial intelligence, and secure data infrastructure as strategic assets for U.S. competitiveness, resilience, and health security.



Unlike many AI-enabled drug-discovery platforms that rely primarily on Western-derived genomic datasets, CGIE™ is designed to expand genomic reference space by incorporating data from African diaspora and Indigenous populations—groups that represent the highest levels of human genetic diversity and remain significantly underrepresented in existing databases.

IndyGeneUS Bio is led by Henriques, a former U.S. Army combat medic and former FDA regulator, and is supported by a multidisciplinary founding team that includes fellow **Howard University** alumni where Henriques is currently pursuing a PhD in Interdisciplinary Biomedical Sciences.

Recently, IndyGeneUS Bio entered into an exclusive commercialization agreement with a large contract research organization (CRO) in Africa to validate more than **500,000 whole-blood samples**. These samples will undergo rigorous quality verification, including viability assessment and whole-genome sequencing readiness, prior to integration into the CGIE™ platform.

Deployment of seed funding is being utilized to complete CGIE™ platform development and advance early AIxBio Factory pilot programs with pharmaceutical and public-sector partners. The company expects to engage prospective collaborators and investors around platform validation and scale-up milestones throughout 2026. For media inquiries contact Angel Livas at angel@indygeneus.bio.