



IndyGeneUS AI is a genomics company creating the world's largest block-chain encrypted repository of indigenous and diasporic African clinical and multi-omics data for disease prevention/detection, drug discovery and development, clinical disease management, and precision health equity. IndyGeneUS AI's executive team collectively has 50+ years of experience working in the Commercial Life Science Industry – more specifically within the biopharmaceutical / biotechnology industries, (i.e., Quality, Global Regulatory Affairs, cGLP / cGDP / cGMP Operations, Genetic Sequencing and Analytics). Our proprietary GenēUS™ Discovery Platform can detect novel signature sequences, identify biomarkers, and calculate polygenic risk scores by integrating “multi-omics” data, electronic healthcare record (EHR) data, and textual information such as scientific manuscripts.

CORE COMPETENCIES

- Whole Genome Sequencing
- Targeted Gene Expression Profiling
- Bioinformatics Analyses (NGS/Sanger)
- Machine Learning/Artificial Intelligence
- Cell & Gene Therapy
- Contract Development & Manufacturing Organization (CDMO)
- Disease genetics - GWAS, TWAS etc.

KEY PARTNERSHIPS

- Microsoft For Start-Ups
- The Aurum Institute (Sequence Samples)
- EncrypGen (Blockchain-Crypto Currency)
- Lucas Pye-Bio (CDMO)
- University of Delaware
- Illumina
- Pacific Bio

DIFFERENTIATORS

- Johnson & Johnson Innovation - Quick Fire Challenge Award Winner & Grant Recipient (2022)
- CLia Lab Sample Processing Capabilities: 3,750 Samples processed per day w/ 15 dedicated staff members
- Two cGLP Laboratories: One located at the JLABS facility in Washington, DC; the others in Cape Town, South Africa
- We enable biobanks and population genomics initiatives to make their biomedical data findable, usable and actionable
- Have a Federated Trusted Research Environment to serve as the scalable and secure data management and analysis platform for global researchers, clinical scientists and international collaborators.
- Provide an end-to-end solution for large-scale clinico-genomic programs, transforming raw data into research and clinical insights to accelerate research impacts and breakthroughs in patient care.
- Our GenēUS Discovery Platform provides researchers secure access to query and analyze sensitive clinico-genomic data in a fully scalable and flexible way; also allowing for them to collaborate at a global scale.

CONTRACT VEHICLES

- Service Disabled Veteran Owned Business (SDVOB)
- Minority Owned Business
- Small Disadvantaged Business

NAICS CODES

Primary: 621511

541380	541990	541715
541712	541713	541714
541611	541612	541720

CONTACT

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