

# INDYGENEUS AI

This report provides a snapshot of the various projects executed by IndyGeneUS AI throughout 2022.



# ABOUT INDYGENEUS AI

IndyGeneUS (pronounced Indigenous) AI is a Service-Disabled Veteran-Owned Small Business (SDVOSB) and minority-owned biotechnology (biotech) company based in Washington, DC, with a presence in Cape Town, South Africa. The biotech firm is creating the world's largest block-chain encrypted repository of indigenous and diasporic African clinical and multi-omics data byway of leveraging data mining and artificial intelligence to expedite the development and manufacturing of quality targeted therapies, and bringing them to market faster.

## VISION

Our goal is to be the #1 CDMO and the global leader in advanced targeted therapy development.

Our team of scientific and manufacturing experts will strategically utilize our large-scale manufacturing and comprehensive analytical programs to drive precision therapeutic development.

## MISSION

Our mission is to accelerate the discovery, development, and manufacturing of advanced therapeutics to address health disparities that African diaspora populations face in accessing high-quality, equitable health care.



# EDUCATE COMMUNITIES

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## Twitter Chats

For over 6-months IndyGeneUS AI and EncrypGen\* shared information w/ friends and fans regarding where "blockchain and life sciences collide." This monthly Twitter Spaces Chat aired the first Wednesday of the month (\*EncrypGen was acquired by IndyGeneUS in winter of 2022)



## Gene-US Health Minute

IndyGeneUS AI joined the podcasting arena tIN 2022 by launching the Gene-US Health Minute in collaboration with the ALIVE Podcast Network. This 4-minute or less podcast also airs in Milwaukee on 88.9FM HYFIN-Radio.



## IndyGeneUS Documentary - ASHG TV

In an effort to educate communities around the work of IndyGeneUS AI - we captured a documentary that aired at the 2022 American Society of Human Genomics Conference in California (fall-22).





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IndyGeneUS CEO & CSO being filmed for ASHG Documentary



May 12, 2022 - Grand Opening at JLABS



IndyGeneUS CSO interviewed for documentary



IndyGeneUS CMO during filming of documentary

## **PHARMACEUTICAL TRACTION**

Throughout 2022, IndyGeneUS AI established pivotal relationships with two major Pharmaceutical companies within the United States: Johnson & Johnson and Merck. In addition, IndyGeneUS also forged a partnership with one of the oldest pharmaceutical companies in Ghana: Phyto-Riker.

### **2022 Key Highlights**

**Strengthened Partnership  
with Aurum Institute**

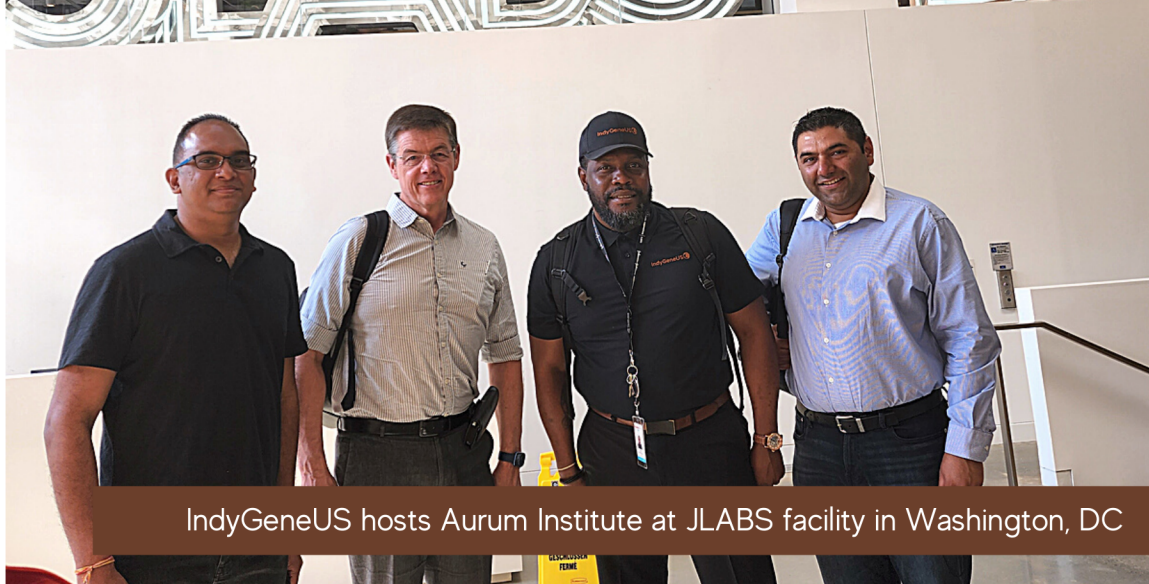
**Set-up Genomics Digital  
Health Lab at JLab's Facility  
in Washington, DC**

**Established  
Collaborative Relationship with  
Merck Digital Science Studio**

**Forged Partnership with Oldest  
Pharmaceutical Company in  
Ghana - Phyto Riker**

**Established Partnership  
with AI Squared**





IndyGeneUS hosts Aurum Institute at JLABS facility in Washington, DC



IndyGeneUS partners with AI Squared



Met w/ Phyto-Riker CEO in Accra, Ghana



IndyGeneUS begins construction on international Lab in Cape Town, SA



# HIGHLIGHTS IN PICTURES





"As a bio-tech disruptor, **IndyGeneUS AI** is excited to be selected to join *Endless Frontier Labs* and be a part of the digital tech track!"

**Yusuf N. Henriques**  
Founder and CEO of IndyGeneUS AI



**IndyGeneUS**

IndyGeneUs.ai







# IN THE NEWS

## **IndyGeneUS, Global Health Innovations, Aurum Institute Partner for Large-Scale Sequencing**

IndyGeneUS, Global Health Innovations, and South Africa's Aurum Institute said on Monday that they have partnered on whole-genome sequencing to study infectious and noncommunicable diseases.

Under the terms of the deal, IndyGeneUS — pronounced "indigenous" — will sequence 2 million samples for the Aurum Institute's biorepository, applying multiple next-generation DNA sequencing methods including sequencing-by-synthesis and long reads — such as nanopore-based platforms — to aid in regional, continental, and global pathogen research of SARS-CoV-2, HIV, tuberculosis, and other infectious diseases. [Read full article here.](#)

## **IndyGeneUS AI Awarded Grant Funding through QuickFire Challenge**

Today, IndyGeneUS AI was named an awardee of the Johnson & Johnson Innovation Veterans Lead QuickFire Challenge: Innovations by Vets.

Johnson & Johnson Innovation, together with Bunker Labs, a national nonprofit organization that aims to equip the military-connected community with the network, tools, and opportunities needed to launch and grow successful businesses, invited U.S. Veteran innovators and military spouses/legal partners to submit potentially ground-breaking ideas in all aspects of human healthcare. [Read full story here.](#)

## **To improve healthcare, startup IndyGeneUS is building a more equitable genomic data repository**

Yusuf Henriques believes our understanding of genes and medicine is incomplete without more people of color and women in clinical research trials. [Read full article here.](#)

## **IndyGeneUS AI Expands Its Scientific Advisory Board with Former Oracle Health DIGITALOMICS/AI Evangelist, Kumar Bala**

IndyGeneUS AI is dedicated to forging relationships with the best and brightest thought leaders to create innovative technologies to eradicate health inequity. [Read full article here.](#)

## **IndyGeneUS AI Joins Inaugural Cohort of Merck Digital Sciences Studio**

IndyGeneUS AI Selected by Merck Digital Science Studio (MDSS) to Scale AI-Powered Drug Discovery Platform. [Read full article here.](#)

# OUR SUPER TEAM

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**Yusuf Henriques**

Chief Executive Officer (CEO)



**Bradford Wilson, PhD**

Chief Scientific Officer (CSO)



**Dr. Gordon Taylor**

Chief Medical Officer (CMO)



**Eric Williams**

Chief Technology Officer (CTO)



**Angel N. Livas**

Chief Communications Officer



We're looking forward to keeping the momentum going as we kick off 2023 as part of the Merck Digital Science Studio. If you are interested in investment relations, please contact Yusuf Henriques: [yusuf@indygeneus.ai](mailto:yusuf@indygeneus.ai)



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