INTRODUCING

DNAnexus®
Apollo™

An Enhanced Cloud Platform for Multi-Omic & Clinical Data Science Exploration, Analysis, & Discovery

THE PLATFORM

Moving from the initial stages of target identification through clinical development remains a significant challenge for biopharmaceutical companies. **DNAnexus Apollo™** provides a scalable cloud environment, flexible data models, and intuitive analysis and visualization tools to simplify research workflows for R&D teams globally.

Working with clinical data requires specialized capabilities to maintain privacy, Nexus Apollo leverages the same best-in-class DNAnexus security and privacy framework, which includes compliance in accordance with HIPAA, CLIA, GxP, and FedRAMP, among others.

Please visit **www.go.dnanexus.com/apollo** to learn more.

" *DNAnexus has been at the forefront of genome informatics for many years and understands the challenges around consortia-scale data management solutions and the industry's rigorous security and compliance standards. DNAnexus Apollo will allow us to collaborate across partner cancer centers and optimize the translation of basic discoveries into practical clinical applications in pursuit of more precise cancer treatments for patients.* "
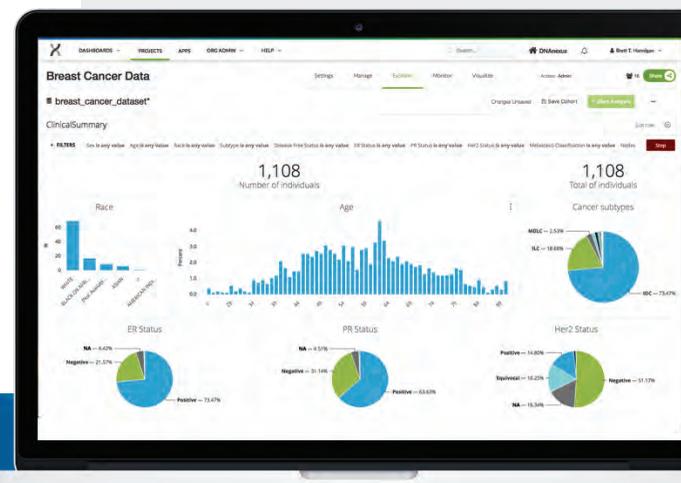
Sorena Nadaf, PhD
Chief Informatics Officer

City of Hope

POWERFUL

✔ **Multi-Omics & Clinical Data**

✔ **Explore Cohorts**

✔ **Integrate, Harmonize & Analyze Phenotypic & Genomic Data**

✔ **Rapidly Test Multiple Hypotheses**

✔ **Interactive Data Vizualization Tools**

SECURE

✔ **Best-in-Class Security & Privacy**

✔ **Compliance with HIPAA, CLIA, GxP, and FedRAMP, etc.**

SCALABLE

✔ **Easy to Implement & Maintain**

✔ **Designed for Large-Scale Data**

DNAnexus®

THE CHALLENGE

❯ **Siloed Data**

❯ **Rigid Tools & Processes**

❯ **Scalability Issues**

❯ **Inefficient Communication Between Bioinformatics & Biology Teams**

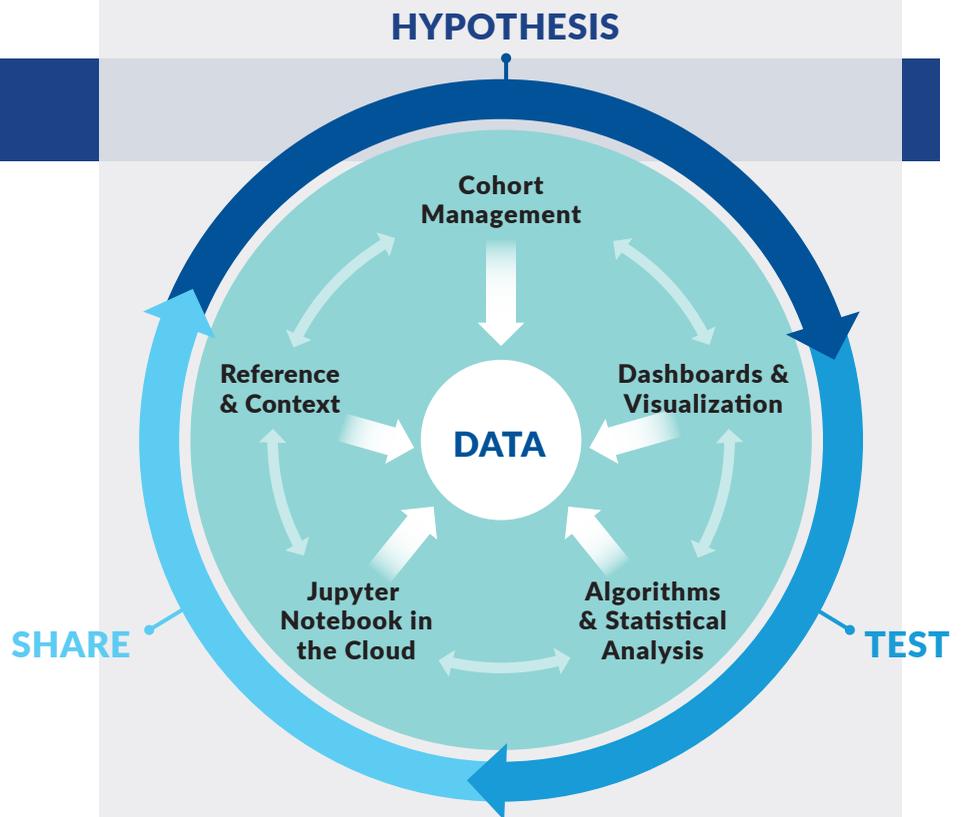❯ **Biologists Not Empowered to Explore Data**

Extracting value from large genomic studies and disparate biomedical data remains challenging. Data integration, management, analysis and visualization are all necessary but are not easy to do well.

General purpose data exploration tools and visualization applications do not scale well and lack the domain-specific functionality to help you rapidly gain new insights. Open source tools are difficult to maintain, and commercial tools are often constrained by the types of analysis you can perform, apps you can use, and require you conform to rigid data models.

THE SOLUTION

Empowering Researchers with Actionable Intelligence

HYPOTHESIS

Cohort Management

Reference & Context

DATA

Dashboards & Visualization

SHARE

Jupyter Notebook in the Cloud

Algorithms & Statistical Analysis

TEST

xVantage Rapid Launch™

Our xVantage Group provides deep computational biology and cloud computing expertise for a seamless onboarding process. Taking a consultative approach, we work with you to determine company-specific requirements and translate them into tailored solutions.

1 Discovery Consultation

2 Integration & Design

3 Delivery & Care

ONGOING ANNUAL SUPPORT