

# Weare Infinity BiologiX

Leveraging over 50 years of biomaterial expertise

CORPORATE BROCHURE

## About us

# We are one of the world's largest biorepositories and a global industry leader in biobanking, bioprocessing and analytics

- Focused capabilities and experience
- Ongoing investment to be a market leader
- Flexible, nimble and agile
- Global footprint with regional expertise
- Established processes for rapid project startup
- Commitment to our customers' success

Your biospecimens are as critical to us as they are to you and most importantly, to your patients and study participants.

Our approach helps you preserve your precious assets for questions you need answered today while at the same time preserving your biological assets for discoveries in the future.

In loving memory of **Dr. Andrew Brooks**Co-founder, Infinity BiologiX





In its 21 year history, RUCDR has made a profound impact in academia.

We look now forward to the immense opportunity ahead as an independent organization maintaining our core academic drive, commercial services and mission.

**Robin Grimwood**Co-founder & CEO, Infinity BiologiX

#### **Our roots**

On August 19 2020, RUCDR Infinite Biologics became Infinity BiologiX LLC



The work now continues, building on a legacy of bioprocessing and analytical expertise

**1999** RUCDR is established and quickly grows into the **largest** academic biobank in the world.

**2001** RUCDR became the **biobank for the Progeria foundation** and have banked cells from over 150 progeria patients to date. These samples shared with researchers have led to treatment and therapies for these patients.

**2011** saw the launch of **The Million Veteran Program (MVP)**. A national research program to learn how genes, lifestyle, and military exposures affect health and illness. MVP is an ongoing United States Government-backed program.

**2018 NIH Award:** IBX currently manages services for over 400+ projects including kit creation and supply; sample shipping, accessioning and services assignment; nucleic acid extraction; cell line establishment; comprehensive QC and QA data integration; genomic/genetic analytical services; induced pluripotent cell line and gene editing services, sample storage and biomaterials distribution. During the first 12 months, IBX received 19,505 samples, including 15,482 blood and 1,863 saliva samples.

**2020** saw RUCDR **granted a EUA for its first in class saliva test for COVID** and was able to quickly ramp up capacity to eventually perform over 3M tests in just a few months demonstrating the company's flexibility and scalability.

**2020** New lab established in **Minnesota**.

**2021** New Jersey **lab expansion** to accommodate 1 million samples per month.

**2021** saw IBX **awarded COVID CDC contract** in support of pandemic surveillance for novel strain determination by NGS sequencing.

### What's next?

Learn more about how we can help and how you can shape our plans for the future



# How we can help

## Comprehensive lifecycle management of every sample





Create collection framework

LIMS sample registration

Sample qualification

Sample preparation



Leverage expertise



**Evaluate** 

**Design strategy** 

Assess goals



#### **Bioprocessing**

Biosample processing

**Blood fractionation** 

Nucleic acid extraction

Cell culture

Stem cell culture





.

Bulk or non-bulk

Global distribution

Liquid nitrogen

-190°C. Liquid or vapor

**Mechanical** -70°C, -80°C, -20°C, 5°C

Automated

-80°C

**Storage** 



**DNA fingerprinting** 

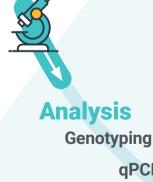
**Resolution of linkages** 

**Custom data formatting** 

**Genetic mapping** 

Experiment design consultation





qPCR

**Microarrays** 

**Epigenetics** 

Mext generation sequencing

Gene expression profiling

Copy number variation

**Explore our virtual lab solution** 

## Health tech platform

## The power of a customized, scalable solution

IBX's virtual lab solution allows companies to expand their laboratory service offering swiftly and strategically - without any capital, operational, or labor costs.

IBX's flexible, cost effective virtual lab option is coupled with a consultative approach created to give you an ideal solution tailored to your exact needs and online as quickly as possible.

Support with study design, clinical validation, clinical trial support, optimize bio material collection strategies, regulatory submissions support, basic research.

## The lab design & deployment process

## **Key benefits**

- ✓ Virtualize your scientific and laboratory requirements
- ✓ Allows you and your staff to focus on their areas of expertise and day-to-day duties during build
- Access to over 50 years of expertise
- A solution tailored to your and/or customers' needs
- Provides maximum return on your investment
- Customer and market driven professionals
- Rapid deployment
- ✓ Your brand...IBX's cutting edge backend

#### **Define**



**Consult** 



**Explore** 



Advise

### **Deliver**







**Execute** 



**Support** 

IBX delivers the highest quality solution for your needs, backed by our regulatory framework.

Post "go live" IBX works closely with you to ensure success. As an IBX customer, you will have access to experts who will manage every aspect of your laboratory that will be far more cost efficient than any brick-and-mortar expansion.



An iterative process designed to deliver the most cost and process effective lab solution for your needs

Learn more about our worldwide facilities that are ready to meet your needs

## Facilities

A technologically-advanced infrastructure designed to support biorepository sciences and preserve samples as renewable assets



Australia



China



Germany



United Kingdom



United States



The structure includes manufacturing facilities for kit collections, sophisticated and integrated sample accessioning spaces for primary clinical samples and state of the art laboratories equipped with semi and fully automated instrumentation.

This infrastructure provides the flexibility needed to offer a multitude of services for projects that vary in sample volume and size while maintaining effective and efficient processing times and costs.



**Analytical Facilities** 



**Data Facilities** 



Laboratory Processing Facilities



**Storage Facilities** 



## The team

employees,

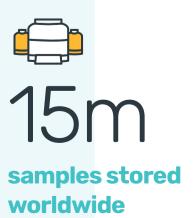
and growing!



**Cell lines created** and cultured



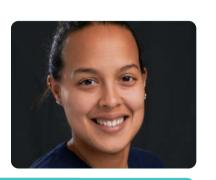
**DNA/RNA extractions** per month









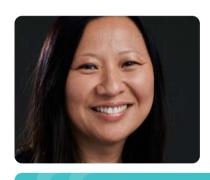








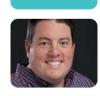
...working for a company whose mission is to understand the genetic causes of diseases and to discover diagnoses, treatments, and cures for them is a truly rewarding job to be in.















When COVID came knocking, both of my sons

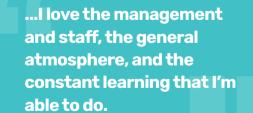
were tested with our saliva kits and had results within 24 hours. I didn't realize the utter relief, achievement and pride I would feel working for IBX. I was helping fight this public health crisis!











For career opportunities visit: ibx.bio/careers



#### **Infinity BiologiX LLC**

30 Knightsbridge Road Building 3 Piscataway, NJ 08854

Tel: **+1 908 460 8443** 

Email: info@ibx.bio

ibx.bio