

BIOREPOSITORY FACT SHEET

What is the BRI biorepository?

One of BRI's greatest research treasures is the BRI Immune Mediated Diseases Biorepository. A biorepository collects, processes, stores and distributes biospecimens to support scientific research. BRI scientists use the donated biologic samples to study the causes of autoimmune and immune-mediated diseases. They research ways to prevent, diagnose, treat and cure many types of diseases. More than 6300 samples are used by BRI scientists each year.

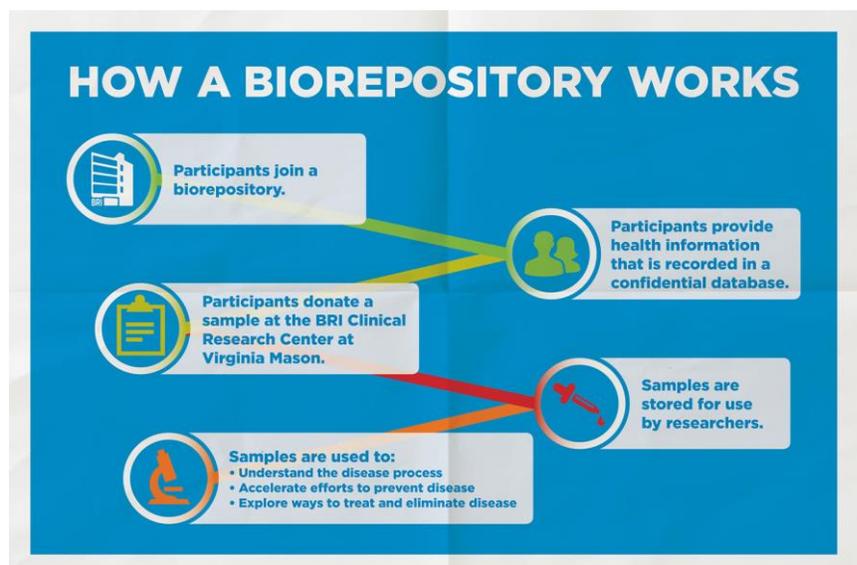
BRI maintains robust biorepositories with biologic samples and medical histories dating back to 2000. More than 13,000 biorepository participants have donated over 250,000 samples of blood and tissue, as well as medical histories to support BRI scientists in their fight against diseases.

What are scientists studying?

Using samples donated by people with and without autoimmune and immune system diseases, researchers are able to compare similarities and differences at the cellular and genetic level. They can identify biomarkers with distinct cell characteristics that are associated with the progression of disease. Using these biomarkers, BRI scientists are able to advance their understanding of how and why these diseases develop, identify how genetic risk factors influence the immune system to cause disease and develop targets for new therapies.

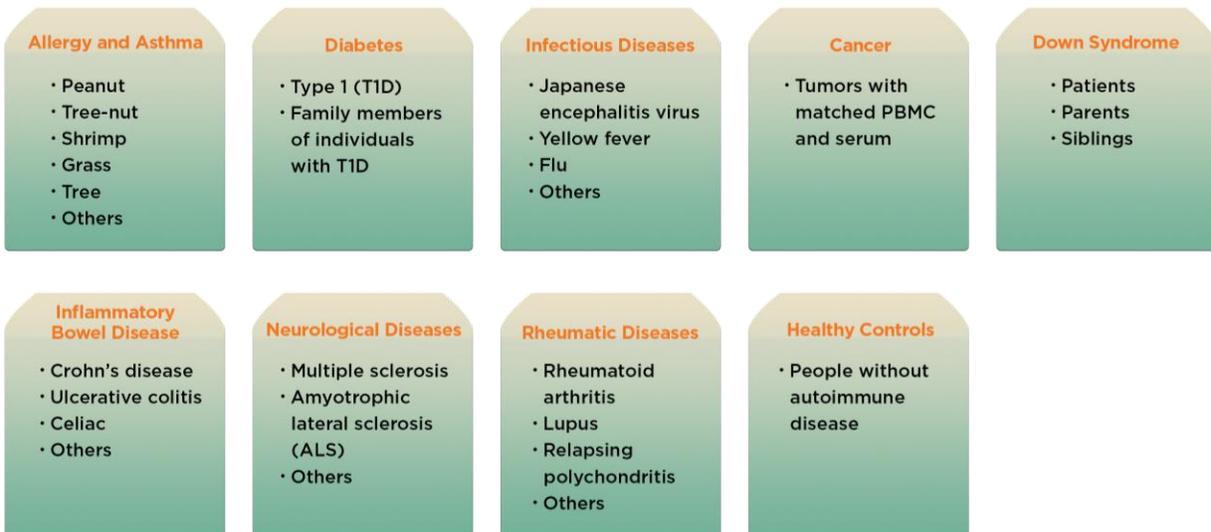
How does a biorepository work?

The biorepositories are confidential lists of people with or without diseases, who are willing to donate a blood or other biologic sample and provide health information for scientific research. All of the information gathered is kept confidential, and samples and health information used by scientists are coded with numbers, not names. The chart here shows the process.



Which diseases does BRI focus on?

Here is a listing of the current diseases in the biorepository.



Who can participate?

Adults who have one of the diseases listed above may be eligible to join one of the disease biorepositories. Additionally, adults and children of all ages who do not have an autoimmune disease and are in good health, may be eligible to join the Healthy Controls Biorepository.

Appointments take about 30-45 minutes and involve the collection of:

- Vitals, like blood pressure
- Health information
- A blood sample

How do people join?

To learn more about joining one of BRI's biorepositories call 206-287-5624, email biorepository@BenaroyaResearch.org or visit BenaroyaResearch.org to learn more about participating or to schedule an appointment. People can also help by encouraging friends and family members with or without these diseases to donate to the biorepository as well.

Community Support

BRI needs community support to continue its crucial work of finding the causes and cures to eliminate autoimmune diseases. For more information about supporting BRI call (206) 583-6083 or visit BenaroyaResearch.org/donate-now.