

The doctors and staff of the Charles Bronfman Institute for Personalized Medicine are dedicated to bringing the benefits of personalized medicine to all patients and communities served by Mount Sinai, and beyond. That is why all doctors and staff at Mount Sinai's clinics, practices, and departments choose to take part in the BioMe Biobank Program in order to provide their patients with a unique and convenient opportunity to contribute to genomic research. This will ultimately improve health and healthcare for Mount Sinai's communities and for patients everywhere.

Research advances in personalized medicine are expected to lead to treatments for many diseases. It is anticipated that these treatments will be more effective and have fewer side effects than many current medications. Researchers also hope to find treatments for diseases that are currently untreatable.



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Speak to a BioMe Biobank recruiter for more information!



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<https://icahn.mssm.edu/research/ipm/programs/biome-biobank>



Mount Sinai

*The Charles Bronfman
Institute for Personalized Medicine*

**BioMe[®]
Biobank**

**Because your history
is our future.**



Why will YOU be a part of the BioMe Biobank Program?

Personalized medicine is a new form of medicine where doctors use biological information and other data to develop customized medical care that provides the right treatment to the right patient at the right time. This type of research has a potential to create new means of:

- Detecting and treating diseases earlier
- Unlocking cures for serious diseases
- Reducing adverse medication reactions
- Reducing healthcare costs

The BioMe Biobank Program of the Charles Bronfman Institute for Personalized Medicine at Mount Sinai is pioneering research in this new field.

Our Program

What is BioMe BioBank?

BioMe Biobank is a collection of blood samples, genetic data and health information to be used for present and future research projects. Using genetic information obtained from blood samples along with health information, scientists can gain a better understanding of the factors that cause disease. This understanding may then lead to interventions that prevent a disease from occurring or to new targets for treating a disease.

Why should you participate in the BioMe Biobank Program?

By volunteering in the BioMe Biobank Program, you are contributing to research that may create new means of preventing and treating disorders from which you, your family, or your friends may suffer. Heart disease, cancer, asthma, diabetes, and Alzheimer's disease are just a few of the conditions BioMe may help scientists understand. In addition, while results are not guaranteed, participants may have the option to receive genetic results that are of high medical importance and medically actionable as part of our Return-of-Results initiative.

What is the Return-of-Results component in the BioMe Biobank Program?

You should not expect to receive genetic results from your participation from BioMe. However, there is a chance you *may* receive genetic results that are of high medical importance in your sample. A team of experts, including a population geneticist, a clinical geneticist, and a genetic counselor will determine which genetic research results are of high medical importance and should be returned to BioMe participants. You must opt-in to learn about your potential genetic results at the time of your initial consent. We will only give you genetic results that we think are important to your health, and that have been confirmed by a clinical laboratory. Then, you will be asked to sign a separate clinical genetic testing consent form, as per standard practice, in order to receive the clinical genetic results.

How do you volunteer for the BioMe Biobank Project?

You may volunteer for BioMe whenever you have an appointment with your doctor at Mount Sinai. Once you tell your doctor or the front desk staff that you are interested, they will call the BioMe recruiter to meet with you. In addition, trained BioMe recruiting staff may approach you while you may be waiting for medical services such as blood draws at Mount Sinai clinical care facilities.

Once you speak with the BioMe recruiter, do you have to participate?

No. The recruiter will explain the BioMe Biobank Program to you and answer any questions you have. If you change your mind at any time, even years from now, your blood sample will be destroyed, and your information will be permanently removed from the BioMe Biobank database.

If you volunteer, what will be asked of you?

After the recruiter explains the BioMe Biobank Program and answers your questions, you will be asked to sign a "Consent Form to Volunteer in a Research Study." You will also be given a questionnaire, which will take approximately up to fifteen minutes of your time to complete. The questionnaire can also be administered by a trained recruiter to help you complete it. You will then have a small amount of blood drawn from a vein in your arm. The blood may be drawn at the same time as your routine blood draw for medical care, as part of your participation in another Mount Sinai research study, or solely BioMe Biobank purposes.

How will BioMe protect your privacy?

In storage and when shared with researchers, your samples and health information will only be identified by a code. No names or other identifying information will be shared with anyone without your prior approval. BioMe takes privacy of all participants seriously and for that reason the National Institutes of Health awarded BioMe a "Certificate of Confidentiality," which helps assure confidentiality and privacy.