

Herit*x*

Sparking Solutions for Inherited Cancers

Herit *x*

Executive Summary

1. Inherited cancer devastates entire families and leads to enormous consequences for society.
2. Inherited cancer can and must be intelligently prevented rather than intensively treated. But this goal has not been pursued diligently.
3. Herit *x* is a nonprofit venture and the first organization that is entirely focused on preventing inherited cancer, starting with BRCA-related inherited cancer.
4. Its leaders have a personal stake and broad experience in science and medicine across academia, biopharmaceutical R&D, and the nonprofit sector.
5. Its strategy focuses research on the goal, expands the scope of innovation and ideas to achieve it, and supports implementing the best solutions.
6. Herit *x* will not rest until a safe and effective medical prevention is available.

Imagine...

*If your loved ones could be spared
the emotional and physical trauma of cancer
through a preventive therapy.*

We believe in that possibility.

WHY WE EXIST

Cancer is one of humanity's biggest challenges.

Inherited cancer devastates entire families,
across genders, generation to generation - with
enormous consequences for society.

Inherited cancer can and must be intelligently prevented
rather than intensively treated.

The time is right. Scientific advancement, technological
capabilities and philanthropic momentum support a
bold concerted effort.

BRCA-related inherited cancer is the most prominent type of inherited cancer, and is particularly frequent in the Jewish, Hispanic and African-American communities.

We know the first step its development: the inherited BRCA gene defect. It leads to the lack of a functional DNA repair protein that normally protects from cancer.

Conceptually, there are multiple ways to prevent cancer in a carrier of a defective BRCA gene.

Getting it done is primarily a matter of determination, innovation, and resources.

Our **VISION** for BRCA

A medical intervention that
prevents all types of BRCA-related cancer
and leaves people and families whole and healthy

Precision Preventive Medicine is our opportunity
to eliminate inherited cancer.

Inherited cancer is our opportunity
to make Precision Preventive Medicine a reality.

The societal impact will be immeasurable.

WHO WE ARE

1. Herit χ is the only philanthropic venture entirely focused on preventing inherited cancer. We are starting with BRCA-related inherited cancer.
2. Our leaders have proven success in developing break-through therapies and broad experience in science and medicine across academia, biopharmaceutical R&D, and the nonprofit sector.
3. Our founders have a personal stake. They turned their professional careers exclusively to this mission because their families are affected by inherited cancer, along with millions of families across the world.

The **STATUS QUO** To Overcome

The challenge of finding a preventive therapy for inherited cancer has stagnated over the past 20 years, due to under-funded, fragmented research and the lack of incentives to focus on prevention.

STRATEGY

1. Build a community of courageous stakeholders and researchers who are committed to both transforming impact and paving the way to our vision
2. Attract the best minds, ideas and technologies to find solutions beyond traditional boundaries
3. Create incentives for researchers to pursue transformational outcomes for BRCA families

The **IMPACT** We Strive For

1. Eliminating inherited cancer across generations
2. Making Precision Preventive Medicine a reality
3. Transforming medical innovation and creating societal impact

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Impact Across Generations