

The logo for St Vincent's Institute Medical Research, featuring the letters 'SVI' in a bold, black, sans-serif font. To the right of the letters is a stylized icon consisting of three overlapping circles: a green one at the top, an orange one at the bottom left, and a yellow one at the bottom right, all meeting at a central white point.

SVI

St Vincent's Institute
MEDICAL RESEARCH

A large, central, circular image showing a microscopic view of a virus, likely a coronavirus, with a dark, textured center and a lighter, spiky outer layer. The image is set against a light blue background with abstract white and dark blue outlines of cells or molecules.

Catalyst Circle

Funding equipment to transform
lives through medical research

At SVI, our vision is bold: to make **medical discoveries that transform lives.**

Ground-breaking medical research takes more than skill. It takes the passion and commitment to push boundaries and redefine what's possible. And it takes infrastructure – laboratories, tools and technologies. Without this, the ideas and theories generated by even the brightest minds will never be translated into effective treatments.

How can you help?

SVI's Catalyst Circle provides critical support to researchers working on diseases affecting millions of Australians: cancer, heart disease, type 1 diabetes, obesity, osteoporosis, Alzheimer's and infectious disease.

It is a vehicle for impact-driven donations, allowing SVI to invest in new technologies, where the need is greatest.

Your gift will have an immediate impact on our ability to make life-changing medical discoveries.

Current equipment needs



AmiHT Small Animal Imaging System \$382,500

Used in **cancer, diabetes** and **heart disease** research to track disease progression, study the effectiveness of treatments, and gain insights into the organ function in real-time.



CrysCam UV System \$181,775

Knowledge of the 3D structure of a protein, derived from its crystal structure, allows scientists to develop new drugs. The CrysCam imager aids this process, supporting **Alzheimer's disease, cancer** and **diabetes** research.



Digital PCR system

\$80,000

Digital PCR gives scientists an accurate measure of how much of a particular type of DNA is present in a sample. Supporting **cancer**, **heart disease** and **type 1 diabetes** research.



High performance computing (HPC) node

\$30,000

HPC nodes are powerful computers that perform complex computations and process large amounts of data quickly. Used for SVI's work into transforming **breast cancer** screening using artificial intelligence.



Nanodrop machine

\$20,000

Measures the purity and quantity of DNA, RNA, or protein in a sample, helping researchers understand if they have enough of the material they need for their experiments. Supporting **type 2 diabetes**, **dementia** and **cancer** research.



Sysmex XN-330 haematological analyser

\$14,000


Provides fast and accurate blood counts for laboratory studies. Used for SVI's **blood cancer** research.



Dissecting stereomicroscope

\$13,000

This microscope is used in research that takes cells from a patient and reprograms them into stem cells that can be used to produce any cell type in the body. Supporting **all research areas**.



“Access to cutting-edge equipment has a significant and tangible impact for SVI’s researchers. Your donation can help create the high-tech environment they need to excel, make groundbreaking discoveries and transform lives, bringing us all closer to a healthier future.”

Rhonda Barro, Margaret Lodge & Anne Rogers
SVI’s Catalyst Circle Committee



Equipment donations are acknowledged with a plaque placed on the specific piece of equipment.

If you prefer, you can direct your donation to a specific area of research or a particular lab.

Together, we can drive discoveries and transform lives.



Please contact SVI on 03 9231 2480 or email foundation@svi.edu.au for more information.

