

Institute for Breast Cancer Research – Fast Facts

The Institute for Breast Cancer Research (IBCR) is located at Princess Margaret Hospital, in Toronto.

The Vision:

To create a world-leading program in breast cancer research by leveraging basic, translational and clinical research opportunities. Also, to develop new mechanistically based treatments that will offer the potential of dramatic improvements in clinical outcomes.

The Program Elements:

☐ Target Discoveries: Use transgenics and knock-out mice, Drosophila screening tumor and tissue banks/human samples, signal transduction, cancer immunotherapy, in order to identify best genetic targets for breast cancer therapies

☐ Pre-clinical Developments: Use in vitro and in vivo screens, animal models, and translational development for novel surgical and radiation technologies as well as potential new drugs aimed at the genetic targets identified with the most potential for curing breast cancer

☐ Clinical Trials: Expand clinical trial program for breast cancer, building on PMH patient base and growing current expertise (currently 40 trials ongoing)

The Structure:

The IBCR will have an eight member advisory board with representatives of University Health Network, Princess Margaret Hospital, The Princess Margaret Hospital Foundation and the Weekend to End Breast Cancer. Dr. Tak W. Mak will be the Director.

The Plan:

☐ Recruit additional researchers within the program elements

- ☒ Build new state of the art 35,000 square foot lab facility to integrate program and leverage proximity to commercial resources

- ☒ Increase collaboration fund

The Funding:

The operation of the Institute will build to \$125 million over five years, according to the following funding plan:

- ☒ \$35 million – Princess Margaret Hospital Foundation – confirmed

- ☒ \$25 million – Weekend to End Breast Cancer (\$5 million/year) – confirmed

- ☒ \$25 million – Private donors (\$20+ million in final stages of confirmation)

- ☒ \$40 million – University Health Network, Granting Agencies, other sources

The Linkages:

- ☒ Partnered with the Ontario Cancer Institute

- ☒ Various provincial and national supporters including: Cancer Care Ontario, Ontario Cancer Research Network, Cancer Research Institute of Ontario, National Cancer Institute Clinical Trials Group, and British Columbia Cancer Agency

- ☒ International support includes: the University of California, Los Angeles