**Call for Proposals:** 2024Breast Cancer Screening and Detection Grants

**Timeline:** Applications Open: July 3, 2023

Letter of Intent (LOI) Deadline: July 28, 2023

Notice of Invitation (NOI): August 1, 2023

Invited Grant Submission Due: September 29, 2023

Notice of Decision: October 30, 2023

Grant Announcement: SABCS Dec 6-8, 2023

BCC Event date TBC

Funding Start: January 8, 2024

AstraZeneca has joined forces with Breast Cancer Canada to offer two collaborative grants focused on advancing research in the screening and detection of breast cancer. The new partnership has been formed to drive progress on screening & detection of breast cancer.

The funding is available to Canadian research teams who are developing novel technology in the detection of breast cancer. Illumina will help fuel the collaboration by providing in-kind donations of sequencing consumables.

**Two Grants Available**: Each Grant will include $100,000 of funding and up to $50,000 of Illumina products in-kind

**Eligibility:**

Applicant must be a Principal investigator holding an academic position at a Canadian University, Hospital or Healthcare centre.

Project can be led by a **basic/fundamental/translational scientist**, the research team must include:

* + one clinician scientist expert in breast cancer
  + at minimum one breast cancer patient advocate or a local Breast cancer advocacy group
  + artificial intelligence (AI) expertise for data mining and/or management
  + research must be conducted in Canada; any potential / future IP would be Canadian-based

If project is led by a **clinician**, then the team must include:

* one basic scientist expert in breast cancer
* at minimum one breast cancer patient advocate or a local breast cancer advocacy group
* artificial intelligence (AI) expertise for data mining and/or management
* research must be conducted in Canada; any potential / future IP would be Canadian-based

**Screening + Detection Mandate:**

**Using new technology to improve screening and detection –** We are seeking research teams that are focused on finding better quality and less invasive screening test techniques. New precision or personalized technology (i.e. genomic blood tests) that identify breast cancer during screening, and machine learning that assists for more accurate breast cancer detection, are high value criteria for this grant..

Projects are to accelerate the transition from standard approaches for breast cancer treatment, to the new age of personalized medicine.

**APPLICATION FORMAT:**

**July 1 - 25, 2023**

* Single-spaced Arial or Times New Roman no smaller than 12 pt. Condensed text will not be accepted.
* 2 cm margins
* 500-700 words
* Do not include tables or figures at the initial abstract submission stage.
* ApplicationI breakdown:
  + Objective: An extensive overview of breast cancer is not necessary. Briefly introduce the problem you aim to solve that has a focus in precision oncology.
  + Methodology: Introduce the specific methods or theoretical approaches to be used. Provide brief rationale for using described methods.
  + Provide brief details for data acquisition and analysis. Provide brief details for data management and security.
  + Impact: Provide information about the impact your project will have on improving breast cancer screening outcomes/survivorship/quality of life.
  + Research Team: Provide information about the principal investigator, co-applicant(s), and all team members. For each member, provide brief information about their contribution to the project. Include hyperlinks for lab or academic websites.
  + Brief overview of Budget
* Email Application and LOI to [**research@breastcancerprogress.ca**](mailto:research@breastcancerprogress.ca)
  + Use filename format: Lastname\_Firstname\_LOI\_BCC2023

**LOI FORMAT (If invited to move forward in the grant review process)**

**August 1 - September 29, 2023**

* Single-spaced Arial or Times New Roman no smaller than 12 pt. Condensed text will not be accepted.
* 2 cm margins
* 2,500 characters (with spaces)
* Tables or figures can be included as long as total application does not exceed 8 pages

LOI breakdown:

* Objective: An extensive overview of breast cancer is not necessary. Introduce the problem you aim to solve that has a focus in precision oncology.
* Methodology: Introduce the specific methods or theoretical approaches to be used. Provide the rationale for using described methods. Provide prior research outcomes (if applicable) that are being leveraged to advance this next phase in research.
* Provide details for data acquisition and analysis. Provide details for data management and security.
  + If animals or human materials, human subjects and/or biohazards, please provide Protocol numbers and Research Ethics Approval numbers. If application is funded, funds will only be released once all documents are received.
* Impact: Provide information about the impact your project will have on improving breast cancer screening outcomes/survivorship/quality of life.
* Research Team: Provide information about the principal investigator, co-applicant(s), and all team members. For each member, provide detailed information about their contribution to the project. Include hyperlinks for lab or academic websites.
* Detailed account of Budget
* Email Application and LOI to [**research@breastcancerprogress.ca**](mailto:research@breastcancerprogress.ca)
  + Use filename format: Lastname\_Firstname\_LOI\_BCC2023

**2024 Screening + Detection Grant Application**

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| --- | --- |
| **Principal Investigator** | |
| Last name: | |
| First name: | |
| Email: | |
| Institute: | |
| Department: | |
| City: | Province: |
|  | |
| **Project Title:** | |
|
| **Budget Category:** | |
| **Date Submitted:** | |

Please note: Signatures are not required at time of initial application submission.

**INITIAL APPLICATION**

**Start APPLICATION here:**