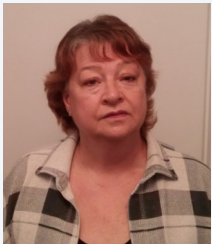


## WHO ARE WE?

- We are a group of scientists who study hereditary breast cancer
- Our research focuses on the prevention and treatment of breast cancer in women with a genetic mutation
- We have studied the treatment of breast cancer in women with a *BRCA1* or *BRCA2* mutation and how treatment can be personalized for these women
- We now want to understand if we should also personalize treatment for women with a *PALB2* mutation who develop breast cancer
- This study is a collaboration between Women's College Hospital in Toronto (Drs. Kelly Metcalfe and Steven Narod) and Moffitt Cancer Center in Tampa, Florida (Dr. Tuya Pal)

*"I had negative BRCA testing several years ago, but my strong family history of breast cancer led my breast surgeon to offer me additional genetic testing for several other inherited breast cancer genes (called multi-gene panel testing) once it became available. Through this testing, I was found to carry a PALB2 gene mutation. I have since enrolled in the Inherited Cancer Registry, as I am interested in participating in research in any way that I can to learn more about inherited cancers in people with a PALB2 mutation."*



**Mari-Lynn Slayton**, two-time breast cancer survivor and carrier of a *PALB2* mutation

## FOR MORE INFORMATION ABOUT THIS RESEARCH STUDY, PLEASE CONTACT OUR STUDY TEAM:

United States: (813) 745-6446  
Toll Free: 1 (800) 456-3434 x6446  
Canada: (416) 351-3800 x2761

Email: [ICARE@InheritedCancer.net](mailto:ICARE@InheritedCancer.net)

Website:  
<http://inheritedcancer.net/palb2-study/>

## RESOURCES



### Inherited Cancer Registry (ICARE)

ICARE's mission is to end the cycle of inherited cancer through research, education and outreach. Through ICARE, we partner with healthcare providers and patients facing inherited cancer risk to meet this goal. To learn more, visit [inheritedcancer.net](http://inheritedcancer.net) or contact the study team:

Email: [ICARE@inheritedcancer.net](mailto:ICARE@inheritedcancer.net)  
Phone: (813) 745-6446  
Toll-free: 1 (800) 456-3434 x6446



### National Society of Genetic Counselors (NSGC)

To locate a genetic counselor near you, please visit: <http://www.nsgc.org>

# PALB2

*A STUDY TO BETTER UNDERSTAND  
BREAST CANCER TREATMENT  
AMONG WOMEN WITH A  
PALB2 GENE MUTATION*



## A MUTATION IN THE *PALB2* GENE RAISES THE RISK FOR DEVELOPING CERTAIN TYPES OF CANCER

- For women with a *PALB2* mutation, the lifetime risk of breast cancer is ~35-40% compared to 12% for women in the general population
- There may be other increased cancer risks, including pancreatic and male breast cancer



## WHY IS IT IMPORTANT TO LEARN MORE ABOUT THE BREAST CANCERS THAT OCCUR IN WOMEN WITH A *PALB2* MUTATION?

Currently, we know little about breast cancers that occur in women with a *PALB2* mutation. Thus, it is important:

- To figure out how to best treat women with *PALB2* who develop breast cancer
- To help figure out how women with *PALB2* without breast cancer can best manage their cancer risks and be proactive about their health

## WHO IS ELIGIBLE TO PARTICIPATE IN THIS STUDY?

- Women with a *PALB2* mutation who have been diagnosed with breast cancer
- Any individual with a *PALB2* mutation with a relative with breast cancer

## WHAT WILL I BE ASKED TO DO?

- Complete a short survey, either on paper or online
- Complete a medical record release so that the study investigators can collect information on genetic test results, breast cancer pathology and treatment
- Agree to be contacted every two years to update your information



## OUR MISSION

To determine the best treatment for women with a *PALB2* mutation and breast cancer.

Through a better understanding, we can *personalize* breast cancer treatment to increase survival, and determine how to best manage at risk family members to detect cancer early or prevent it.

## WHY IS YOUR PARTICIPATION IMPORTANT?

Learning more about breast cancer among women with a *PALB2* mutation will help to better understand:

- If women with breast cancer have an increased risk of developing a new breast cancer
- The best treatment for women with a *PALB2* mutation and breast cancer to increase the chance of survival
- How healthy family members who carry a *PALB2* mutation can best manage their cancer risks (through screening or preventive surgery, etc.)