

## **PLEASE HELP US TO LEARN MORE ABOUT PALB2 GENE**

The vast majority of breast and ovarian cancer occurs by chance but approximately 5% are due to a strong genetic predisposition. The two best known breast cancer genes are called *BRCA1* and *BRCA2* which were identified in the mid-1990s. More recently another gene called *PALB2* has been linked to breast cancer. Mutations in *PALB2* are much rarer compared to *BRCA1/BRCA2* and we know much less about *PALB2* compared to the other two genes. We estimate that someone who has a *PALB2* mutation has an approximately a 30-60% chance of developing breast cancer over their lifetime. In addition there appears to be a small increase in risk of developing pancreatic cancer and possibly breast cancer in males. It remains unclear if the risk for ovarian cancer is increased. We can only find out more with your support.

### **How you can help**

We are keen to study individuals and families with *PALB2* mutations from all over the world. If you have been found to have a *PALB2* mutation or you come from a family with a *PALB2* mutation- please get in touch.

### **WHO WE ARE**

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Established in 2009, PALB2 Interest Group is an international consortium of scientists and clinicians interested in *PALB2* gene.

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### **OUR MISSION**

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To better understand how *PALB2* mutations cause cancer

To provide more accurate and comprehensive information to those families with *PALB2* mutation

To help future generations

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### **CONTACT US**

#### **PALB2 INTEREST GROUP**

Email:  
[add-tr.palb2@nhs.net](mailto:add-tr.palb2@nhs.net)

[www.palb2.org](http://www.palb2.org)

## What will you have to do?

At present we are collecting data on *PALB2* mutation carriers (basic demographic details, *PALB2* mutation type, tumor type if affected with cancer, family tree). Our study is IRB approved and we would need you to sign a consent form to take part - we can email this to you. If you agree to take part we would then email you some forms to fill out giving us some information about you and your family. We may also ask you for consent to contact your health care provider to get copies of the mutation report and pathology reports.

**Would our study be beneficial to you personally in any way?**

Taking part in our *PALB2* study is voluntary and there is no problem if you don't want to participate. Taking part in our study may not have a direct benefit to you but by participating you will help us to learn more about *PALB2* gene so we can help future generations.

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If you would like to know more about how you can help, please contact us through our website: [www.palb2.org](http://www.palb2.org) or email: [add-tr.palb2@nhs.net](mailto:add-tr.palb2@nhs.net).

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We would like to reassure you that any information you share with us is strictly confidential and will only be accessible to our immediate study team.

