

what is

# cancer research?

There are hundreds of different cancers. Researchers around the world are in **a race to find better ways** to prevent, detect and treat these cancers and ensure that survivors live longer, better lives.



## A race to stop cancer

### 1. Basic Laboratory Research

The foundation of our understanding of cancer, basic research looks at how cancer cells differ from healthy ones. Researchers work with cells grown from those found in human tumours or other sources.



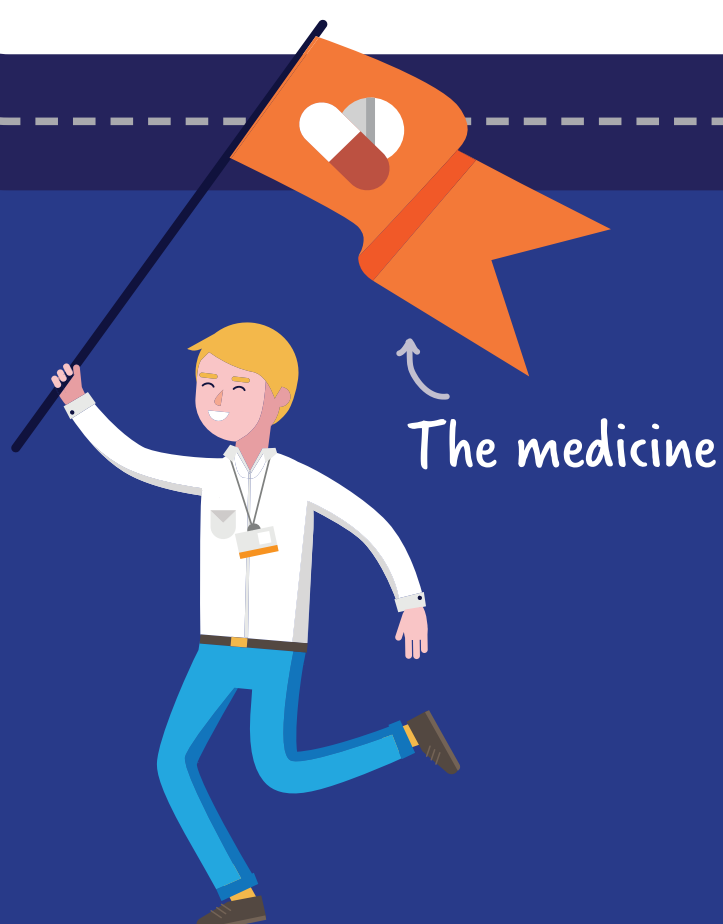
### 2. Translational Research

Once basic research has made a discovery, the next step is to “translate” these findings into potential treatments for cancer patients. Researchers use cells, tissue and other patient samples to get more knowledge on how new treatments might work in patients.



### 3. Clinical Trials

After translational research has proven successful, cancer researchers test whether different treatments are safe and how well they work. Cancer trial participants come from all walks of life, but most will have some form of cancer. New cancer treatments could not be developed without them volunteering to take part in such tests.



## Cancer research is a marathon, not a sprint.

It's only when all the pieces come together that we can fully understand cancer and stop it in its tracks.