

Cancer research

School of biomedical sciences and pharmacy, UoN

We study how different cancers in different parts of the body emerge, and use this knowledge to develop and test new treatments targeting specific molecular pathways involved.

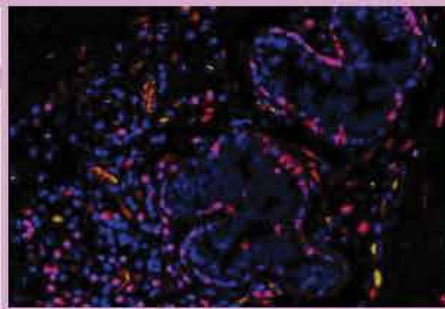
We work closely with families and clinicians to develop new solutions for a range of cancers including brain cancer, breast cancer and blood cancers

We use many different techniques to study what happens in different cancers and test new treatments:

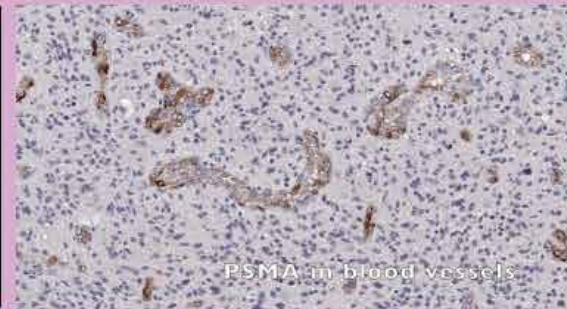
Staining & microscopy



Brain cancer sample
(A/Prof Paul Tooney)



Breast cancer sample
(Dr Luiza Steffens Reinhardt)



Cancer marker in blood
(A/Prof Paul Tooney)



Using patient samples to make cancer models
(Dr Ryan Duchatel)



Testing drug effects on cancer cells
(Bekki Spratford, Indigenous research scholarship recipient 2023-2024)



Grow cancer cells in a dish for drug testing & analysis
(Dr Kelsey Maddison)