Prostate cancer is one of the most common forms of cancer in men, affecting 1 in 6 men throughout their lifetime. Despite all our efforts to find a cure, prostate cancer remains a lethal disease and in Australia, about 60 men die from prostate cancer each week.

Working as a multidisciplinary team, we aim to improve patient treatment and outcome through a better understanding of the mechanisms that drive prostate cancer. Our research utilises state of the art techniques (eg. xenografting, bioengineered in vitro modelling, and transgenic animal models) that allow us to examine the mechanisms that contribute to disease development and progression.

Research Projects

1. Patient derived xenograft models of prostate cancer for preclinical studies
2. Defining the features of familial and high risk prostate cancer
3. Novel combination therapies for prostate cancer that target the ribosome
4. Targeting the eukaryotic translation initiation factor 4E in prostate cancer
5. In vitro modelling of the human prostate cancer microenvironment
6. Estrogen signalling and metabolism in prostate cancer
7. Epigenetic regulation of the tumour microenvironment

Selected significant publications:


