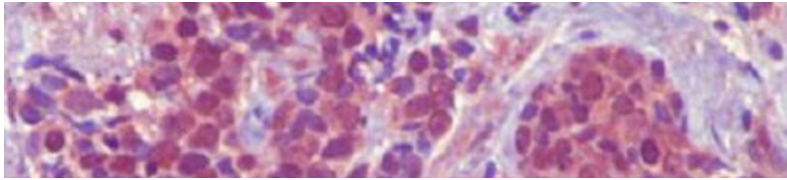


Tumour Immunology



In most individuals the immune system recognizes and eliminates tumour cells. However tumours may overcome immunosurveillance using a broad repertoire of subversive tactics. In this research theme, through investigation of the normal and compromised immune system, we explore the mechanisms by which the tumour cell may tip the balance between immune control and immune evasion.

Related research on immuno-modulation by cancer causing viruses is described in the [Viral Oncology \(/research/activity/mds/domains/Cancer/viral-oncology/index.aspx\)](/research/activity/mds/domains/Cancer/viral-oncology/index.aspx) theme. The development of novel therapies targetting tumour-immune system interaction is described in the [Cellular, Immune and Gene Therapy for Cancer \(/research/activity/mds/domains/Cancer/cell-immune-gene-therapy/index.aspx\)](/research/activity/mds/domains/Cancer/cell-immune-gene-therapy/index.aspx) theme.

Tumour Immunology Research...

- Antigen recognition by conventional and unconventional T cells ([Dr B Willcox \(/staff/profiles/cancer/willcox-benjamin.aspx\)](/staff/profiles/cancer/willcox-benjamin.aspx))
- Decorin in the control of immunosuppression and immune modulation ([Prof G Cruickshank \(/staff/profiles/cancer/cruickshank-garth.aspx\)](/staff/profiles/cancer/cruickshank-garth.aspx))
- [Transplant and viral immunity \(/research/activity/mds/domains/Cancer/tumour-immunology/Transplant-and-viral-immunity.aspx\)](/research/activity/mds/domains/Cancer/tumour-immunology/Transplant-and-viral-immunity.aspx) ([Prof P Moss \(/staff/profiles/cancer/moss-paul.aspx\)](/staff/profiles/cancer/moss-paul.aspx))