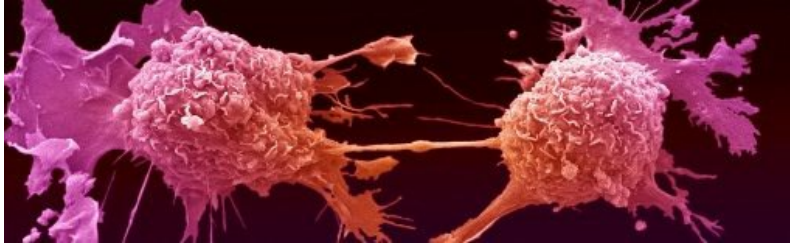


Cancer research



It is predicted that over 1 in 3 of us will develop cancer during our lifetime and that it will be the cause of death for almost a quarter of the population. Cancer research at the University of Birmingham is playing a major role in the global effort to transform these statistics within a generation.

Our research relies on a balance of cutting-edge scientific methodologies and a deep clinical understanding of the diseases we are trying to treat. Our outstanding laboratory facilities and close links with the NHS support this. We constantly see our research being directly translated into clinical treatments meaning we are working towards finding a cure for cancer everyday.

Our understanding of cancer biology and how this leads to the development of new treatments is improving at an impressive rate and it is vital that we maintain this momentum. Undergraduates entering the University are now the first generation to have a very realistic hope of witnessing the control of this disease.

Research Themes...

[Cancer Cell Biology and Epigenetics \(/research/activity/mds/domains/Cancer/cancer-cell-biology-epigenetics/index.aspx\)](/research/activity/mds/domains/Cancer/cancer-cell-biology-epigenetics/index.aspx)

[Cancer Genetics and DNA Damage \(/research/activity/mds/domains/Cancer/cancer-genetics-dna-damage/index.aspx\)](/research/activity/mds/domains/Cancer/cancer-genetics-dna-damage/index.aspx)

[Cancer Prevention, Screening, Diagnosis and Survivorship \(http://www.birmingham.ac.uk/research/activity/mds/domains/health-pop/population-health-research-epidemiology/cancer/index.aspx\)](http://www.birmingham.ac.uk/research/activity/mds/domains/health-pop/population-health-research-epidemiology/cancer/index.aspx)

[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)

[Structural Biology and Biomarkers \(/research/activity/mds/domains/Cancer/structural-biology-and-biomarkers/index.aspx\)](/research/activity/mds/domains/Cancer/structural-biology-and-biomarkers/index.aspx)

[Tumour Immunology \(/research/activity/mds/domains/Cancer/tumour-immunology/index.aspx\)](/research/activity/mds/domains/Cancer/tumour-immunology/index.aspx)

[Viral Oncology \(/research/activity/mds/domains/Cancer/viral-oncology/index.aspx\)](/research/activity/mds/domains/Cancer/viral-oncology/index.aspx)