

Your grant will be hugely effective!

Over the past 20 years money has poured into research for Breast Cancer, Prostate Cancer & Leukaemia. With this funding Scientists have successfully raised the survival rates in those cancers.

Current 5 year Cancer survival rates

Breast	82.0%
Melanoma	81.5%
Prostate	77.0%
Leukaemia	67.4%
Brain	15.1%

Your grant will enable us to develop new drugs and start the clinical trials which will raise the Brain Tumour survival rate and stop the suffering.

You will make a vital difference!

Brain Tumours Kill more people under 40 than any other cancer

Brain Tumour research is under-funded!

Currently a disproportionate amount of the NHS Cancer Research budget is channelled into Leukaemia and the more pervasive cancers such as Breast and Prostate.

We need your help to fund vital research and raise the Survival Rate to 80%.

Survival rate for Brain Tumours is just **15%**

48,000 Brain Tumours diagnosed each year in the UK

THE JOSEPH FOOTE TRUST
RAISING BRAIN TUMOUR SURVIVAL RATES



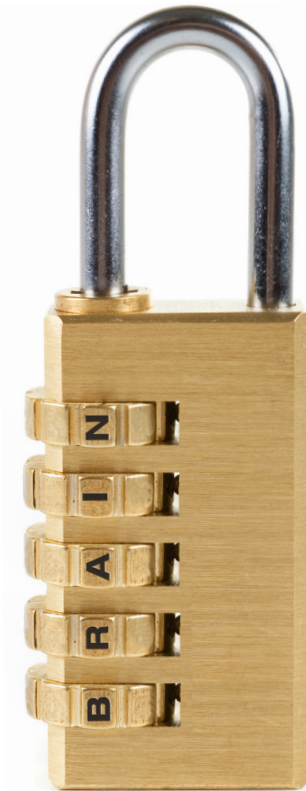
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Together we will crack the Brain Tumour DNA code



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Make a Vital Difference

Not only is the current Brain Tumour survival rate only 15% but the 3 main treatments of Surgery, Chemotherapy & Radiation often leaves survivors with serious health problems & disabilities, significantly reducing their quality of life.

For Example:

Joseph was a normal healthy young boy and because we haven't yet developed successful gene-targeted drugs to shrink Brain Tumours, he was left with the following deficits to deal with:

Brain Surgery

Damaged his physical nerves leaving him unable to smile, unable to walk and unable to swallow. This meant he had to breathe through a hole in his throat (tracheotomy) and be fed through a tube into his tummy (gastrostomy) meaning he couldn't enjoy food or simple meals and couldn't play his beloved football with his friends.

Chemotherapy

Meant he spent 2 years of his short life in and out of hospital feeling very poorly, with no hair and no desire to play or be happy. It also put him at high risk of developing other cancers like leukaemia.

Radiotherapy

Damaged his brain development and slowed down his speech, his IQ, general thinking and physical reactions.



We need to develop new drugs to kill Brain Tumours.



So, how can we do it?

Our 15 year Research Strategy to raise the survival rate to 80%

In the Lab

- Conducting extensive genomic analyses of Brain Tumours to identify cancer causing genetic abnormalities.
- Developing model systems in order to better understand; where Brain Tumours come from, how they develop resistance to treatment and study what effect the abnormal genes driving cancer have in normal cells.
- Identifying novel markers for predicting treatment response and determining prognosis.

In the Clinic

- Translating knowledge of Tumour biology into effective new cures for Brain Tumours through pre-clinical and early clinical trials of molecule targeted therapy.

Help us Crack the Code

The first step in our research strategy is to sequence the Brain Tumour Genome or "Crack the DNA Code"

This is costing £500,000 and will give us a huge platform of information to carry out the rest of the research plan.

With your help we can complete this groundbreaking work and achieve another world first in Brain Tumour Research which will help us raise the survival rate towards our target of 80%

Our Research Team is amongst the best in the world

Professor Richard Grundy's research work at Nottingham University is peer-reviewed by the best scientists in the UK, Europe & the World.

His work has produced 120 publications and he only publishes in the Medical World's highest grade of publications, Nature & Journal.

He holds the position of Chairman or Board Member at 9 National & International Brain Tumour Groups.

Achievements & Medical Breakthroughs to date

Professor Grundy's work has already discovered 3 worldwide major breakthroughs:

Identified 3 genes involved in the development of Brain Tumours.

Identified biomarkers that determine outcomes and in turn will enable us to tailor new treatments.

Developed novel methods to grow the disease in the laboratory.

We need urgent funds to enable our expert research team to develop new drugs.

