HELP US FIND A CURE

£10 will buy slides to allow scientists to study 100 cell samples, which could reveal new insights into how the diseases that cause dementia develop.

£20 will fund one hour of groundbreaking research helping us to get closer to a cure.

£50 will provide access to specialist equipment to study cells in detail, which could reveal new drug targets.

£120 will buy 150 petri dishes so scientists can grow brain cells to discover new ways to treat dementia.

£250 will pay for a genetic test to help identify dementia risk genes.

£1,500 will pay for a specialised brain scan to help track dementia as it progresses.

£8,600 could fund 20 top dementia scientists working to find a cure at one of our dedicated Drug Discovery Institutes for one day.

£10,000 could pay for the cutting-edge technology needed to study the genes involved in dementia, uncovering new ways to tackle dementia.

£18,000 will support a PhD student for a year to develop vital scientific skills and help to answer important questions in dementia research.

£60,000 will support one of Alzheimer’s Research UK’s Research Centres of Excellence helping to bring world-leading scientists together to accelerate the search for a cure for dementia.

Registered charity numbers - 1077089 & SC042474
Here are some of the pioneering research projects your donations are making possible across the UK.

1. EDINBURGH
Dr Claire Durrant at the University of Edinburgh will investigate the role of tau, a key protein involved in the development of both frontotemporal dementia and Alzheimer’s disease, which could give us one piece of the puzzle for a cure.

2. SHEFFIELD
Prof Stephen Wharton from the University of Sheffield is investigating the role of a molecule called occludin, a key component of the blood brain barrier and it’s possible involvement in the development of Alzheimer’s. This could lead to new approaches for dementia treatments.

3. CAMBRIDGE
Researchers at the University of Cambridge will investigate how proteins in Alzheimer’s disease interact with our immune system to cause harmful inflammation in the brain, which could give us new protein targets to treat the disease.

4. LONDON
Professor Henry Houlden and his team are looking at how the MAPT gene influences the speed and shape of tau formation, potentially opening new avenues for treatment.

5. SOUTHAMPTON
Researchers at the University of Southampton are investigating if light patterns reflected from spinal fluid could be used to diagnose Alzheimer’s.

6. CARDIFF
Researchers at Cardiff University will use stem cell technology to understand how risk genes for Alzheimer’s disease impact how brain cells function. This could lead to new targets for future Alzheimer’s drugs.

7. BRISTOL
Researchers from the University of Bristol are using innovative techniques to visualise the distribution of a key protein responsible for regulating blood pressure in the brain, which could open up new options to deliver treatments to the brain.

8. MANCHESTER
Researchers from the University of Manchester are comparing newly developed imaging techniques to detect blood vessel wall damage in early Alzheimer’s disease, which could lead us to new methods to diagnose Alzheimer’s.

EVERY PROJECT TAKES US CLOSER TO LIFE-CHANGING TREATMENTS AND ONE DAY A CURE FOR DEMENTIA.

To find out more about current projects you’re helping to fund, visit: alzheimersresearchuk.org/research/research-projects