

Ataxia UK Research - Our Success Stories



Innovation

Our recent research has led to **19 new research tools** and materials such as animal and cellular models of ataxia

Ataxia UK's investment has led to major discoveries in the four areas of our research strategy, such as:

- **Improving diagnosis:** Supporting the creation of a new genetic test which can pick up 100 different ataxia genes in one go (rather than one test for one gene) - now available as an NHS service.

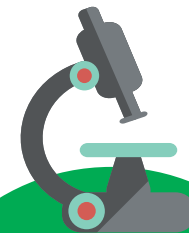
- **Finding treatments:** Funding research into drug screening and repurposing (using drugs which are already used clinically to treat other conditions) which found a treatment for SCA3 in a mouse model, with the potential for future human trials.



- **Moving from laboratory studies to human trials:** Discovering a mechanism responsible for turning the Frataxin gene back on which is usually switched off in Friedreich's ataxia - this led to a human trial testing this mechanism, which was found to be successful.

- **Alleviating symptoms:** Investigating a better way to treat hearing loss in both Friedreich's and cerebellar ataxias and showing that frequency modulation (FM) listening systems can treat hearing loss in people with ataxia whilst other hearing aids can't.

Ataxia UK works across the whole of the UK and is a charity registered in Scotland (no SC040607) and in England and Wales (no 1102391) and a company limited by guarantee (4974832)

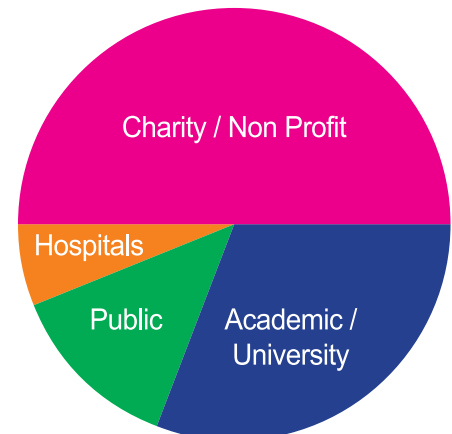


Investment

Every £1 spent on research by Ataxia UK **produces £2** of investment towards ataxia research



The research we have funded has led to further funding in ataxia research from a variety of sectors





ATAXIA

Ataxia UK



International Collaborations

We work with other ataxia charities to fund a **variety of projects worldwide**, promoting research and other enterprises in ataxia by pooling together our resources

At Ataxia UK, we fund studies ourselves but also instigate collaborations between other organisations, and help ataxia researchers to find funding wherever possible.

An example of this is the Friedreich's ataxia **collaborative drug development programme** where we are collaborating with the pharmaceutical company Pfizer and three universities over a 3 year period.

We were pivotal in orchestrating the development of partnerships crucial to this programme and aided the researchers in designing their proposal.

Publications

10 recent grants resulted in 30 scientific articles published in **high standard research journals**

Distribution

The 2015 International Ataxia Research Conference which we co-organised was the **biggest gathering of ataxia researchers** anywhere in the world to date!



Support our research

To donate to Ataxia UK, please visit our website:
www.ataxia.org.uk

If you want to find out more about our research strategy, the projects we currently fund and other research activities, please visit the research section of our website: **www.ataxia.org.uk/about-research**

You can contact the research team directly at **research@ataxia.org.uk**

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