

Brains for Dementia Research

Brains for Dementia Research (BDR) is a national UK programme involving 6 leading Research Centres jointly funded by the dementia charities, Alzheimer's Research UK and Alzheimer's Society. BDR was established in 2008 and has recruited over 3,250 volunteers to provide researchers with characterised human brain tissue using detailed, standardised neuropathology. To-date, over 1300 human brains have been donated.

To find out more:

<https://bdr.alzheimersresearchuk.org/>

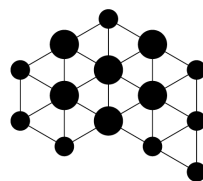
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Alzheimer's
Society



Brains for Dementia Research



Newcastle
University

UK | Malaysia | Singapore



The University of Manchester



University of
BRISTOL

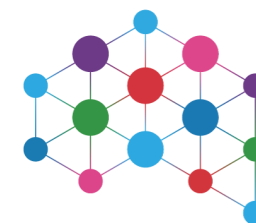


Dementias
Platform^{UK}
Data Portal



UK
Brain
Banks
Network

Leading Translational
Neuroscience Research



Brains for Dementia Research



A world-class resource
providing dementia
researchers with

Assessment data

What data is available?

At Brains for Dementia Research (BDR), we have data from over 3,000 volunteers. Some of our participants are cognitively impaired whilst others are normal controls.

All participants undergo regular, repeated neurocognitive and neuropsychiatric assessments and for some participants this longitudinal data extends over 14 years.

The range of clinical assessments include:

demographic data	lifestyle
years in education	Hx smoking/alcohol
medical history	NPI
family history	Bristol ADL
medication history	Cornell /GDS
MMSE / MoCA / TICs	COVID history
CDR	Hachinski
BP/pulse	handgrip strength
hip/waist ratio	DLB toolkit
Hearing/eyesight	Timed gait

In addition to assessment data, for cases where participants have died and donated brain tissue, we also have associated neuropathology and genetic data.

Do I need ethical approval?

No. Use of the anonymised BDR data in the UK is covered by our own BDR approval, so individual research ethics review is not required.

Overseas requests may need approval by your Institutional Review Board.

How do I request data?

By application (including scientific justification, lay summary, hypothesis, background and experimental section) to the data portal, Dementias Platform UK. (DPUK).

Details can be found on their website:

<https://www.dementiasplatform.uk/>

Once an application is submitted to DPUK, it is forwarded to the BDR Coordinating Centre and then reviewed by the BDR Unified Access Committee. The Committee is made up of both expert and lay members. Reviews are generally completed quickly (usually in 2 weeks or less) and the team at the Coordinating Centre as well as the staff at DPUK, liaise with researchers to support their applications.

Are there charges involved?

Access to the BDR data is free of charge. Further information about the application process, can be found on the BDR website:

<https://bdr.alzheimersresearchuk.org/researchers/apply/>

What happens after approval?

After project approval, access to longitudinal assessment data is provided through the DPUK data portal.

This provides a secure, remote desktop to access and analyse your data from anywhere in the world with an internet connection.

In the DPUK data portal, BDR data can be combined with other cohorts for comparative studies or to produce a larger combined cohort, joined to data derived from neuropathological assessment from the UK Brain Banks Network, or analysed alongside your own data produced from brain tissue, biofluids, or other BDR data sources.

The DPUK team can assist in all aspects relating to the management of this data, analysis, and production of outputs.

Additional support

The data repository, DPUK, offer courses in data analysis at low cost.

They have created an Advanced Academy. This is an annual, 5-day virtual event with online presentations, lectures and guided tutorials, group collaborations and hands-on big data exercises aimed at helping researchers enhance their data science skillsets. Further information is available on the DPUK website:

<https://www.dementiasplatform.uk/training-and-mentoring>