



COSMIC: Cohort Studies of Memory in an International Consortium

ABOUT COSMIC

COSMIC is an international consortium that combines data from population-based longitudinal cohort studies to identify common risk factors for dementia and cognitive decline. It is led by the Centre for Healthy Brain Ageing (CHeBA) at UNSW Sydney, and is funded by the National Institutes of Health, USA.

COSMIC facilitates a better understanding of the determinants of cognitive ageing and neurocognitive disorders. This is being achieved by:

- **Harmonising** shared, non-identifiable data from cohort studies that longitudinally examine change in cognitive function and the development of dementia in older individuals (60+ years).
- **Performing** joint or mega-analyses using combined, harmonised data sets that yield collated results with enhanced statistical power, in addition to comparisons across diverse ethno-regional groups.

We welcome NEW members!

Studies that do not strictly meet eligibility can become affiliate members and contribute to the collective effort

WHO IS ELIGIBLE



Are epidemiological, and therefore population-based.



Are longitudinal with a minimum of two assessments.



Have a minimum sample size of 500.



Outcome measures include dementia and/or cognitive impairment and/or cognitive decline.



Examine individuals aged 60 years and over.



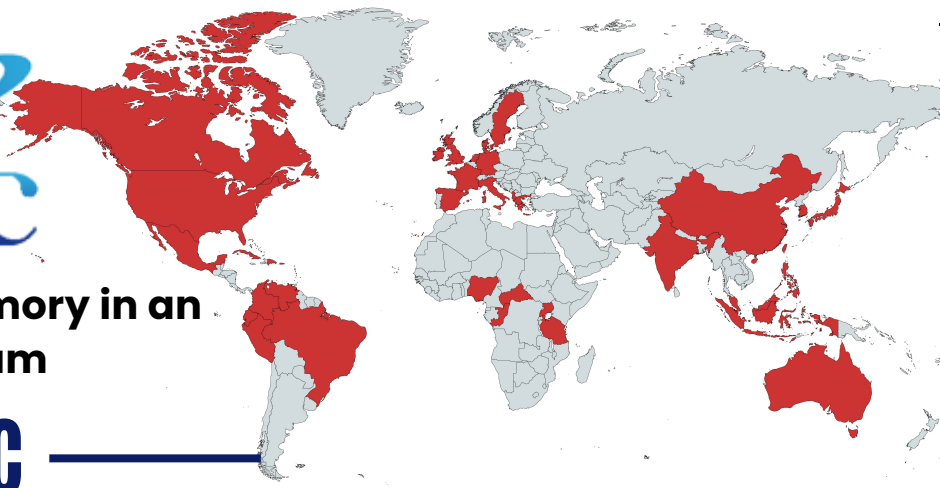
Studies from low and middle income countries are particularly encouraged to join.



UNSW
SYDNEY



Visit cheba.unsw.edu.au/consortia/cosmic to learn more



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AT A GLANCE

Currently there are:

- **60** member studies, from **38** countries and **6** continents.
- **26** active projects, some that include collaborations with the Global Burden of Disease (GBD) study and Davos Alzheimer's Collaborative.
- **31** published papers.

We welcome proposals to use COSMIC data from any researchers

Scan QR code to find out more





Dementias Platform AU



Visit dementiasplatform.com.au to learn more



Powering cohort research to stop dementia before it starts.

Dementia is one of the biggest global public health challenges in history.

Without a medical breakthrough, the number of people globally with dementia is estimated to reach around 150 million by 2050, with the greatest increases expected to occur in developing regions. Change for future generations depends largely on research.

Dementias Platform Australia (DPAU) is reshaping dementia research by hosting data from international longitudinal and cross-sectional studies of brain ageing with the mission of transforming the epidemiology of ageing and dementia.

DPAU aims to shape the future of dementia research by:



Providing a secure data exchange platform



Pooling data for scientific breakthroughs



Supporting early career researchers

DPAU is led by UNSW Sydney's Centre for Healthy Brain Ageing (CHeBA) and established in partnership with Monash Secure eResearch Platform (SERP), Dementias Platform UK (DPUK) & Alzheimer's Disease Data Initiative (ADDI)

Scan QR code to find out more



DPAU Data Portal

DPAU Data Portal aims to support research by enabling secure access to data from Contributing Research Studies (CRS)



IDENTIFY

Search to identify the studies of interest using the CRS Directory, Matrix & Explorer



ACCESS

Apply for access to data from one or more CRS in a single application



ANALYSE

Work with CRS Data in the secure DPAU Analysis Environment – anytime and anywhere

Email: dpau@unsw.edu.au



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