# Sydney Memory and Ageing Study

https://www.neurodegenerationresearch.eu/survey/sydney-memory-and-ageing-study/

**Title of cohort**

Sydney Memory and Ageing Study

**Acronym for cohort**

MAS

**Name of Principal Investigator - Title**

Prof

**Name of Principal Investigator - First name**

Henry

**Name of Principal Investigator - Last name**

Brodaty

**Address of institution -Institution**

University of New South Wales

**Address of institution - Street address**

NPI, Euroa Centre, Barker St

**Address of institution - City**

Randwick, Sydney

**Address of institution - Postcode**

2031

**Country**

Australia

**Website**

www.cheba.unsw.edu.au

**Contact email**

[email protected]

**Funding source**

NHMRC Australia

**Q1a. Please indicate below if your cohort includes or expects to include, incidence of the following conditions?**

Alzheimer's disease and other dementias|Parkinson's disease|Neurodegenerative disease in general

**Q1b. When are studies on the above condition(s) expected to become possible?**

Already possible

**Q2a. In a single sentence what is the stated aim of the cohort?**

The Sydney Memory and Ageing Study investigates the rates and predictors of cognitive decline (MCI, dementia) in an ageing population.

**Q2b. What distinguishes this cohort from other population cohorts?**

Method of recruitment is unique as the cohort were recruited from the electoral roll (registration on the electoral roll is compulsory in Australia and this is a public document). Wide breadth of risk factors examined, e.g., neuroimaging, genetics, proteomics.

**Q3a. i) Number of publications that involve use of your cohort to date**

112

**Q3a.ii) Please give up to three examples of studies to date (Principal Investigator, Institution, Title of Study)**

Megan Heffernan, UNSW, Alcohol Consumption and Incident Dementia: Evidence from the Sydney Memory and Ageing Study (2016)|Zixuan Yang, UNSW, Age-associated structural brain differences on MRI from eighth to eleventh decades of life (2016)|Perminder Sachdev, UNSW, The Sydney Memory and Ageing Study (MAS): methodology and baseline medical and neuropsychiatric characteristics of an elderly epidemiological non-demented cohort of Australians aged 70-90 years - 2010

**Q3b. If data on research outputs are already available please paste the publication list/other data or provide a link to where these data are publicly available**

https://cheba.unsw.edu.au/project/sydney-memory-and-ageing-study

**Q3c. If no research has been done as yet, please explain in a few sentences what information (i.e. research findings) you expect will be gained from the population**
**Q4a. Study criteria: what is the age range of participants at recruitment? Age in years From:**

70

**Q4a. Study criteria: what is the age range of participants at recruitment? To:**

90

**Q4b. Study criteria: what are the inclusion criteria?**

Community dwelling, proficiency in English sufficient to complete a psychometric assessment.

**Q4c. Study criteria: what are the exclusion criteria?**

Previous diagnosis of dementia, psychotic symptoms, diagnosis of schizophrenia, bipolar disorder, multiple sclerosis, motor neuron disease, developmental disability, progressive malignancy, MMSE score <24 adjusted for age, education and non-English speaking background, or a diagnosis of dementia after comprehensive assessment.

**Q5. What is the size of the cohort (i.e. how many participants have enrolled)?**

1,000-5,000 participants

**Q6a. Please describe what measures are used to characterise participants**

mulitiple

**Q6b. Are there additional measures for participants with a clinical disorder?**

No

**Q6c. Are there defined primary and secondary endpoints (e.g. defined health parameters)?**

No

**If yes please specify**
**Q7. What is the study design (select all that apply)?**

Prospective cohort|Longitudinal

**Q8. Are your cases matched by**

Age

**Q9a. Does your study include a specialised subset of control participants?**

No

**Q9b. If your study includes a specialised subset of control participants please describe**
**Q10a. i) Please enter the data collection start date**

01/09/2005

**Q10a. ii) Please enter the data collection end date**

08/01/2020

**Q10a. iii) Is data collection for this study**

Data collection ongoing|Data analysis ongoing|Closed to new patients

**Q10b. If data collection is ongoing, are there plans to continue the cohort study beyond the current projected end date?**

Yes - funding applied for/funding awarded

**Q11. Is data collected**
**Other please specify here**

through the study, medical records and other records or registers (e.g dental records, police records etc)

**Q12. Is there a system in place to enable re-contact with patients to ask about participation in future studies?**

No

**Q13a. Please give information on the format and availability of data stored in a database (1)**

Data summarised in database

**% available**

100

**Q13a. Please give information on the format and availability of data stored in a database (2)**

No

**% available**
**Q13a. Please give information on the format and availability of data stored in a database (3)**

Database on spreadsheet (e.g. excel)

**% available**

100

**Q13a. Please give information on the format and availability of data stored in a database (4)**

No

**% available**
**Other (please specify)**
**% available**
**Q13b. Please give information on the format and availability of data held as individual records (1)**

Data is held as individual records

**% available**

100

**Q13b. Please give information on the format and availability of data held as individual records (2)**

No

**% available**
**Q13b. Please give information on the format and availability of data held as individual records (3)**

Data held on computer based records

**% available**

100

**Q13b. Please give information on the format and availability of data held as individual records (4)**

No

**% available**
**Please specify language used**

English

**Q14a. Is data available to other groups?**

Yes

**Q14b. If data is available to other groups what is the access policy/mechanisms for access?**

Access committee mechanism|Local/ regional access|National access|International access|Access to industry|Access for pilot studies permitted|Applicant needs to provide separate external ethics approval|Resource has own ethics approval so usually no need for

separate external ethics approval

**Q15. What data sharing policy is specified as a condition of use?**

No requirement to make data publicly available

**Q16a. Are tissues/samples/DNA available to other groups?**
**Q16b i) If yes, please describe below:**

Living donors: blood|Living donors: blood derivatives|Living donors: DNA|Post-mortem donors: brain

**Q16b. ii) In what form are tissues/samples/DNA supplied?**

Primary samples: Supplied fresh| Primary Samples: Stabilised samples (frozen or fixed)|Secondary samples: plasma|Secondary samples: DNA|Secondary samples: RNA

**Q16b. iii) Is the access policy/mechanism for obtaining samples the same as that for obtaining data (Q14 above)?**

Yes

**Q17. Is information on biological characteristics available to other groups?**

If available for a subset please specify number of patients and % of total cohort

**Number of Patients**

943

**% of total cohort**

91

**Types:**
Population Cohorts

**Member States:**
Australia

**Diseases:**
Alzheimer's disease & other dementias, Neurodegenerative disease in general, Parkinson's disease & PD-related disorders

**Years:**
2016

**Database Categories:**
N/A

**Database Tags:**
N/A