

The Malaysian Cohort project

<https://neurodegenerationresearch.eu/cohort/the-malaysian-cohort-project/>

Cohort Acronym

TMC

Cohort type

General population-based cohort

Disease

Alzheimer's disease

Participant type

No diagnosis

Profile

Recruitment Period 2005

Sample size at start or planned sample size if still recruiting

Estimated Current Sample Size

Age at Recruitment 35-70

Gender Male and Female

Abstract

The Malaysian Cohort study was initiated in 2005 by the Malaysian government. The top-down approach to this population-based cohort study ensured the allocation of sufficient funding for the project which aimed to recruit 100 000 individuals aged 35–70 years. Participants were recruited from rural and urban areas as well as from various socioeconomic groups. The main objectives of the study were to identify risk factors, to study gene-environment interaction and to discover biomarkers for the early detection of cancers and other diseases. At recruitment, a questionnaire-based interview was conducted, biophysical measurements were performed and biospecimens were collected, processed and stored. Baseline investigations included fasting blood sugar, fasting lipid profile, renal profile and full blood count. Active follow-up and reassessment started in 2013 and to date 35,000 participants have been reassessed including biospecimens.

Country Malaysia

Contact details

Institution name Universiti Kebangsaan Malaysia

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Contact phone number

Funders (Core support) Ministry of Science, Technology and Innovation (MOSTI)|Ministry of Education

Variables Collected

Brain related measures:

N/A

Functional rating:

N/A

Anthropometric:

Blood pressure, Height, Hip circumference, Waist circumference, Weight

Physical:

Cardiovascular, Reproductive, Respiratory

Biological samples:

Blood, Urine

Genotyping:

Gene screening

Brain imaging:

N/A

Brain banking:

N/A

Lifestyle:

Alcohol, Dietary habits, Physical activity, Smoking

Socio-economic:

Education, Ethnic group, Family circumstances, Housing and accommodation, Income and finances, Marital status, Occupation and employment

Health service utilisation:

Formal health and social care service utilisation including private care