

The Victoria Longitudinal Study

<https://neurodegenerationresearch.eu/cohort/the-victoria-longitudinal-study/>

Cohort Acronym

VLS

Cohort type

General population-based cohort

Disease

Mild cognitive impairment (MCI), Subjective memory complaints (SMC) or subjective cognitive decline (SCD)

Participant type

No diagnosis

Profile

Recruitment Period 1986-present

Sample size at start or planned sample size if still recruiting 600

Estimated Current Sample Size 0 to 4,999

Age at Recruitment 55-85

Gender Male and Female

Abstract

The VLS is a long-term, large-scale, and multi-faceted longitudinal investigation of human aging. Incorporating biomedical approaches, leading-edge technologies, and epidemiological perspectives, the VLS evaluates and tracks actual cognitive, health, functional and lifestyle trajectories leading to outcomes that can be classified as normal, resilient, exceptional, impaired, or dementia. Our studies examine these differential brain and cognitive changes as a function of interactions among multiple “biomarkers” of both risk and protection. Among these dynamically interacting biomarkers are those representing selected aspects of biological, health, genetic, metabolic, vascular, lifestyle, physical fitness, cognitive activity, sex/gender, and demographic domains

Country Canada

Contact details

Institution name University of Alberta

Website <https://sites.ualberta.ca/~vlslab/index.html>

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Funders (Core support) National Institutes of Health (National Institute on Aging)

Variables Collected

Brain related measures:

N/A

Functional rating:

Individual physiological, Individual psychological

Anthropometric:

Blood pressure, Height, Weight

Physical:

Cardiovascular, Hearing and Vision, Musculoskeletal, Respiratory

Biological samples:

Saliva

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, Informal support, Martial status, Occupation and employment

Health service utilisation:

N/A