

The Gazel Cohort

<https://neurodegenerationresearch.eu/cohort/the-gazel-cohort/>

Cohort Acronym

GAZEL

Cohort type

General population-based cohort

Disease

Participant type

No diagnosis

Profile

Recruitment Period 1989

Sample size at start or planned sample size if still recruiting 17500

Estimated Current Sample Size 10,000 to 19,999

Age at Recruitment 35-50

Gender Male and Female

Abstract

The original GAZEL cohort was composed of 20,625 employees of the French national gas and electricity companies (15,011 male employees then aged 40 to 50 years and 5,614 women between 35 and 50 years old) at its inception in 1989.

Follow-up is continuous and includes data collection on health status, lifestyle, and socioeconomic and occupational factors from various sources. A postal questionnaire is sent to the participants each year, and data are extracted regularly from the files of the personnel and medical departments of EDF-GDF and from national registers. Participants were invited in 1999-2000, 2008 and 2011 to a health clinic where medical and biological data were collected.

The main focus of research in the past decade was devoted to the study of the persistent, long-term effects of occupational exposures after retirement; of the transition between professionally active life and retirement; and on determinants of early ageing. Accordingly, in addition to the health, behavioural and social data collected yearly since the beginning of the follow-up, new data were thus collected on cognitive complaints, cognitive and physical functioning, limitations in daily activities, time use and social relationships of retirees.

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Country France

Contact details

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Website <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2258334/>

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Variables Collected

Brain related measures:

Behaviour, Cognitive function, Mental health, Neurological

Functional rating:

Individual psychological

Anthropometric:

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

Physical:

Cardiovascular, Musculoskeletal, Respiratory

Biological samples:

Blood

Genotyping:

Gene screening

Brain imaging:

N/A

Brain banking:

Consent for brain donation

Lifestyle:

Alcohol, Dietary habits, Physical activity, Smoking

Socio-economic:

Education, Family circumstances, Housing and accommodation, Income and finances, Informal support, Marital status, Occupation and employment, Unpaid care

Health service utilisation:

Formal health and social care service utilisation including private care