

Integrated multidisciplinary approach/ Agrica MSA IFR Public Health 99

<https://neurodegenerationresearch.eu/pt-pt/cohort/integrated-multidisciplinary-approachagricamsa-ifr-public-health-99/>

Cohort Acronym

AMI

Cohort type

General population-based cohort

Disease

Alzheimer's disease, Dementia (unclassified), Frontotemporal dementia, Lewy body disease, Mild cognitive impairment (MCI), Parkinson's disease, Subjective memory complaints (SMC) or subjective cognitive decline (SCD), Vascular dementia

Participant type

No diagnosis

Profile

Recruitment Period 2007-present

Sample size at start or planned sample size if still recruiting

Estimated Current Sample Size

Age at Recruitment >65

Gender Male and Female

Abstract

The health of the agricultural population has been previously explored, particularly in relation to the farming exposures and among professionally active individuals. However, few studies specifically focused on health and aging among elders retired from agriculture. Yet, this population faces the long-term effects of occupational exposures and multiple difficulties related to living and aging in rural area (limited access to shops, services, and practitioners). However, these difficulties may be counter-balanced by advantages related to healthier lifestyle, richer social support and better living environment. The general aim of the AMI cohort was to study health and aging in elderly farmers living in rural area through a multidisciplinary approach, with a main focus on dementia.

The study started in 2007, with two follow-up visits over 5 years. Baseline visits were conducted at home by a neuropsychologist then by a geriatrician for all cases suspected of dementia, for all subjects suspected of being demented. The 10-year visit is currently on going.

Country France

Contact details

Institution name Unité INSERM U1219

Website <https://epidemiologie-france.aviesan.fr/en/epidemiology/records/integrated-multidisciplinary-approach-agrica-msa-ifr-public-health-99/eng-gb>

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Complémentaires Agricoles, the Caisse Mutuelle Autonome de Retraites Complémentaires Agricoles, the Caisse de Retraite Complémentaire des Cadres de l'Agriculture, the Caisse Centrale de Prévoyance Mutuelle Agricole Prévoyance, the Caisse de Prévoyance des Cadres d'Entreprises Agricoles, Agri Prévoyance, the Mutualité Sociale Agricole de Gironde, the Caisse Centrale de la Mutualité Sociale Agricole, and the Caisse Nationale de Solidarité et d'Autonomie, Caisse Nationale de Solidarité pour l'Autonomie, SCOR.

Variables Collected

Brain related measures:

N/A

Functional rating:

Caregiver, Individual physiological, Individual psychological

Anthropometric:

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

Physical:

Cardiovascular, Hearing and Vision, Musculoskeletal, Respiratory

Biological samples:

Blood

Genotyping:

Gene screening

Brain imaging:

Magnetic resonance imaging (MRI), Positron emission tomography (PET) - amyloid, Positron emission tomography (PET) fluorine18 flurodeoxyglucose (FDG)

Brain banking:

N/A

Lifestyle:

Alcohol, Dietary habits, Physical activity, Smoking

Socio-economic:

Education, Family circumstances, Informal support, Marital status, Occupation and employment, Unpaid care

Health service utilisation:

Formal health and social care service utilisation including private care