

The Moli-sani Study

<https://neurodegenerationresearch.eu/cohort/the-moli-sani-study/>

Cohort Acronym

Cohort type

General population-based cohort

Disease

Participant type

No diagnosis

Profile

Recruitment Period 2005-2010

Sample size at start or planned sample size if still recruiting 24,325

Estimated Current Sample Size

Age at Recruitment >35

Gender Male and Female

Abstract

The Moli-sani study (www.moli-sani.org) is a cohort study aiming at evaluating the risk factors (environmental, genetics, bio-molecular) linked to chronic-degenerative disease with particular regard to cancer, cardiovascular, cerebrovascular and neurodegenerative disease.

The study has recruited, between March 2005 and April 2010, 24,325 people aged ³ 35 living in the Molise region, from city hall registries by a multistage sampling. Exclusion criteria were pregnancy at the time of recruitment, disturbances in understanding or willingness, current poly-traumas or coma, or refusal to sign the informed consent. Participation rate was 70%.

All subjects underwent electrocardiogram and spirometric tests aimed to evaluate pulmonary diffusion capacity, gas diffusion and pulmonary volumes through plethysmography.

The European Prospective Investigation into Cancer and Nutrition FFQ was used to determine daily nutritional intakes consumed in the past year.

A follow-up based on linkage with hospital discharge records (SDO) and mortality regional registry was performed at December 2011 with a median of 4.3 years and at December 2014 with a median of 9.6 years. Outcomes analysed at follow-up are: mortality for any and specific causes, hospitalization and hospital stay, coronary artery disease, stroke, atrial fibrillation, heart failure, diabetes, cancer.

Country Italy

Contact details

Institution name IRCCS Istituto Neurologico Mediterraneo - NEUROMED

Website <http://www.moli-sani.org>

Principal Investigator (PI) Prof. Licia Iacoviello and Prof. Giovanni de Gaetano

Contact email info@moli-sani.org; PI email: licia.iacoviello@moli-sani.org; giovanni.degaetano@moli-sani.org

Contact phone number

Funders (Core support) Pfizer Italia Foundation and Italian Ministry of University and Research (MIUR)

Variables Collected

Brain related measures:

N/A

Functional rating:

Individual psychological

Anthropometric:

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

Physical:

Cardiovascular, Musculoskeletal, Reproductive

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