

# CoLaus!PsyCoLaus

<https://www.neurodegenerationresearch.eu/cohort/colaus%c2%a6psycolaus/>

## Cohort Acronym

### Cohort type

General population-based cohort

### Disease

Alzheimer's disease, Mild cognitive impairment (MCI)

### Participant type

No diagnosis

### Profile

Recruitment Period 2003-06

Sample size at start or planned sample size if still recruiting 4500

Estimated Current Sample Size 5,000 to 9,999

Age at Recruitment 35-75

Gender Male and Female

Abstract

The major goals of this prospective cohort study of a randomly selected community sample are to: establish the prevalence and genetic, metabolic and environmental determinants of psychiatric disorders, cardiovascular risk factors (CVRF) and cardiovascular diseases (CVD) in the general population of the city of Lausanne; assess the mechanisms of the association between psychiatric disorders and CVRF / CVD.

Additional scientific questions focus on:

- the identification of risk factors for the incidence and course of CVRF and psychiatric disorders; the identification of risk factors for cognitive impairment;
- the testing of novel biological marker candidates and the incidence or course of CVRF/CVD or psychiatric disorders;
- the testing of associations between brain anatomy patterns and CVRF and psychiatric disorders.

*Last update: 19/12/2016*

Country Switzerland

### Contact details

Institution name University Hospital Of Lausanne (CHUV)

Website <http://www.colaus.ch/>

Principal Investigator (PI) Professor Martin Preisig (psychiatric part), Professor Gerard Waeber and Professor Peter Vollenweider (physical part)

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Funders (Core support) GlaxoSmithKline (baseline investigation)

Swiss National Science Foundation (baseline and follow-up investigations)

## **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, Respiratory

### **Biological samples:**

Blood, Urine

### **Genotyping:**

Gene screening

### **Brain imaging:**

Magnetic resonance imaging (MRI)

### **Brain banking:**

N/A

### **Lifestyle:**

Alcohol, Dietary habits, Physical activity, Smoking

### **Socio-economic:**

Education, Ethnic group, Family circumstances, Income and finances, Informal support, Marital status

### **Health service utilisation:**

Formal health and social care service utilisation including private care