

# EVA - Vascular Ageing, Decline in Brain and Cognitive Functions

Head :Berr Claudine, U 888

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## General

### Identification

Detailed name Vascular Ageing, Decline in Brain and Cognitive Functions

Sign or acronym EVA

CNIL registration number, number and date of CPP agreement, AFSSAPS (French Health Products Safety Agency) authorisation CNIL n°252346

### General Aspects

Medical area Cardiology  
Neurology

Health determinants Social and psychosocial factors

Keywords decline, brain function, cognitive function, Health episodes

### Scientific investigator(s) (Contact)

Name of the director Berr

Surname Claudine

Address 34093 MONTPELLIER

Phone +33 (0)4 99 61 45 66

Email claudine.berr@inserm.fr

Unit U 888

Organization INSERM

### Collaborations

### Funding

Funding status	Private
Details	MERCK, EISAI
<b>Governance of the database</b>	
Sponsor(s) or organisation(s) responsible	Institut National de la Santé et de la Recherche Médicale
Organisation status	Public
<b>Additional contact</b>	
<b>Main features</b>	
<b>Type of database</b>	
Type of database	Study databases
Study databases (details)	Cohort study
Database recruitment is carried out by an intermediary	A selection of health institutions and services
Database recruitment is carried out as part of an interventional study	No
Additional information regarding sample selection.	Prospective Other bodies active in creating this cohort: INSERM, City of NANTES, Faculty of Medicine and Biochemical and Radiological services in Nantes. Inclusion cut-off date: 01/07/1993
<b>Database objective</b>	
Main objective	General objective: to investigate vascular ageing, decline in brain and cognitive function and associated factors with a longitudinal follow-up study. Secondary objective: to the determine to role of biological factors linked with oxidative stress and brain ageing.
Inclusion criteria	Subjects from both genders born between 1922 and 1932 (59 to 71 years old at enrolment), included in electoral registers in Nantes, can speak French and living in Nantes.
<b>Population type</b>	
Age	Adulthood (45 to 64 years) Elderly (65 to 79 years)

Population covered	General population
Gender	Male Woman
Geography area	Local
French regions covered by the database	Pays de la Loire
Detail of the geography area	Nantes
<b>Data collection</b>	
<b>Dates</b>	
Date of first collection (YYYY or MM/YYYY)	07/1991
Date of last collection (YYYY or MM/YYYY)	12/2001
<b>Size of the database</b>	
Size of the database (number of individuals)	[1000-10 000[ individuals
Details of the number of individuals	1389
<b>Data</b>	
Database activity	Data collection completed
Type of data collected	Clinical data Declarative data Paraclinical data Biological data
Clinical data (detail)	Direct physical measures Medical registration
Declarative data (detail)	Paper self-questionnaire Face to face interview
Paraclinical data (detail)	Imaging: carotid ultrasound, transcranial Doppler (at 0, 2 and 4 years), head MRI (4 years).
Biological data (detail)	Type of samples taken: biochemical routine assessment (enrolment, 2,4 and 9 years); dosage of different actors of oxidative stress (SE, beta-carotene, vitamin E, GSH-Px, SOD ...) (enrolment

and/or at 2 years + partial assessment at 9 years); cell haematological and coagulation assessment, as well as connective tissue markers (enrolment). Determination of fatty acids in red blood cells in 346 subjects (4 years).

Presence of a biobank Yes

Contents of biobank Serum  
DNA

Details of biobank content Serum bank, DNA bank

Health parameters studied Health event/morbidity  
Health event/mortality

## Procedures

Data collection method Self-administered questionnaire: double data entry from a paper questionnaire Interview: double data entry from a paper questionnaire Clinical Examinations: manual input Biological analysis: direct input

Participant monitoring Yes

Details on monitoring of participants Follow-up duration: 9 years

Links to administrative sources No

## Promotion and access

### Promotion

Link to the document <http://www.hal.inserm.fr/EVA>

Description Liste des publications dans HAL

Link to the document [http://www.ncbi.nlm.nih.gov/pubmed/?term=EVA+AND+Berr+C\[Author\]+OR+17130689\[uid\]](http://www.ncbi.nlm.nih.gov/pubmed/?term=EVA+AND+Berr+C[Author]+OR+17130689[uid])

Description Liste des publications dans Pubmed

### Access

Terms of data access (charter for data provision, format of data, availability delay) Data may be used by academic teams Data may be used by industrial teams

Access to aggregated data Access on specific project only

Access to individual data

Access on specific project only