

# ESTELLE - Case-control Study on Childhood Embryonal Tumours, Lymphoma and Leukaemia

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General	
Identification	
Detailed name	Case-control Study on Childhood Embryonal Tumours, Lymphoma and Leukaemia
Sign or acronym	ESTELLE
CNIL registration number, number and date of CPP agreement, AFSSAPS (French Health Products Safety Agency) authorisation	CNIL N° 908283 (juin 2009); Ile de France IV, 2008/12NICB (hors RBM)
General Aspects	
Medical area	Cancer research Hematology Immunology
Health determinants	Genetic
Others (details)	Cancers, embryonal tumour, lymphoma, leukaemia
Keywords	Perinatal risk, infection risk, environment, genetics, child
Scientific investigator(s) (Contact)	
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Unit	Épidémiologie environnementale des cancers
Organization	Institut National de la Santé et de la Recherche
Collaborations	
Participation in projects, networks and consortia	Yes
Funding	
Funding status	Public
Details	- Institut National Du Cancer - Ligue Nationale contre le Cancer - Enfants et Santé - Direction de l'hospitalisation et de l'organisation des soins
Governance of the database	
Sponsor(s) or organisation(s) responsible	Institut National de la Santé et de la Recherche Médicale
Organisation status	Public
Additional contact	
Main features	
Type of database	
Type of database	Study databases
Study databases (details)	Case control 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	Recruited individuals under 15 years of age in 2010-

sample selection.

2011 with leukaemia, lymphoma, brain tumour, neuroblastoma, nephroblastoma or hepatoblastoma. Case-controls: individuals recruited from the general population who are the same age as cases subjects on average

## Database objective

### Main objective

To investigate the influence of the following on childhood cancer risk: pregnancy outcome, child's characteristics at birth, child's environment in utero or during childhood, parents' profession and lifestyle, successive domicile communities, family history of cancer, birth defects, or autoimmune diseases. To identify genetic predispositions capable of modulating the function of these factors, including polymorphisms in genes involved in the transport and metabolism of xenobiotics, DNA repair, immune response, or in embryonic development and cell differentiation. To investigate the interactions between these polymorphisms and environmental factors.

### Inclusion criteria

- Men or women - under 15 years old at enrolment

## Population type

### Age

Newborns (birth to 28 days)  
Infant (28 days to 2 years)  
Early childhood (2 to 5 years)  
Childhood (6 to 13 years)  
Adolescence (13 to 18 years)

### Population covered

Sick population

### Gender

Male  
Woman

### Geography area

National

### Detail of the geography area

France

## Data collection

### Dates

Date of first collection (YYYY or MM/YYYY)

2010

Date of last collection (YYYY or MM/YYYY)

2011

## Size of the database

Size of the database (number of individuals)	[1000-10 000[ individuals
Details of the number of individuals	3237: - 1814 cas/cases - 1423 témoins/controls
Data	
Database activity	Data collection completed
Type of data collected	Declarative data Biological data
Declarative data (detail)	Phone interview
Biological data (detail)	- blood collection - saliva sample
Presence of a biobank	Yes
Contents of biobank	DNA
Details of biobank content	Blood sample and saliva sample
Health parameters studied	Health event/morbidity
Procedures	
Data collection method	Once gathered, data from interviews and biological data will be rendered anonymous.
Participant monitoring	Yes
Links to administrative sources	No
Promotion and access	
Promotion	
Link to the document	<a href="https://clic.berkeley.edu/">https://clic.berkeley.edu/</a>
Link to the document	<a href="http://www.ncbi.nlm.nih.gov/pubmed/?term">http://www.ncbi.nlm.nih.gov/pubmed/?term</a>
Access	
Terms of data access (charter for data provision, format of data, availability delay)	To be defined
Access to aggregated data	Access on specific project only
Access to individual data	Access on specific project only

