

# CEREPHY - Brain Tumours and Plant Protection Products

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## General

### Identification

Detailed name Brain Tumours and Plant Protection Products

Sign or acronym CEREPHY

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

### General Aspects

Medical area Cancer research  
Neurology

Health determinants Intoxication  
Pollution

Others (details) Central nervous system disorders

Keywords brain and spinal cord, Exposure, pesticides

### Scientific investigator(s) (Contact)

Name of the director Salamon

Surname Roger

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Unit INSERM U 897

Organization Institut de Santé Publique, d'Epidémiologie et de  
Développement

Name of the director Baldi

Surname	Isabelle
Collaborations	
Funding	
Funding status	Public
Details	- la Fondation de France - le Ministère de l'Emploi et de la solidarité - l'Association pour la Recherche sur le Cancer (ARC) - la Ligue contre le cancer (comité de la Gironde) - l'Institut National de la Veille Sanitaire
Governance of the database	
Sponsor(s) or organisation(s) responsible	ISPED- Institut de santé publique d'épidémiologie et de développement
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 A population file
Database recruitment is carried out as part of an interventional study	No
Additional information regarding sample selection.	The case-control group (with no investigated diseases) were randomly selected from electoral registers in the Gironde prefecture, taking into account case age and gender. To ensure patients meeting inclusion criteria were located, a network of hospital and private practitioners (neuro-pathologists, neurosurgeons, oncologists and neurologists) was formed.
Database objective	
Main objective	To investigate the relationship between exposure to pesticides and central nervous system disorders (brain and spinal cord)

Inclusion criteria	Adults aged 16 years or more living in Gironde who have malignant or benign primitive brain tumours that were diagnosed between 1st May 1999 and 30th April 2001. Recurrence, secondary tumours, pituitary adenomas, asymptomatic tumours, incidentally discovered and vascular malformations were excluded from the study.
Population type	
Age	Adulthood (19 to 24 years) Adulthood (25 to 44 years) Adulthood (45 to 64 years)
Population covered	Sick population
Gender	Male Woman
Geography area	Departmental
French regions covered by the database	Aquitaine Limousin Poitou-Charentes
Detail of the geography area	Gironde
Data collection	
Dates	
Date of first collection (YYYY or MM/YYYY)	1999
Date of last collection (YYYY or MM/YYYY)	2001
Size of the database	
Size of the database (number of individuals)	[500-1000[ individuals
Details of the number of individuals	221 patients/cases 442 témoins/controls
Data	
Database activity	Data collection completed
Type of data collected	Declarative data Paraclinical data
Declarative data (detail)	Face to face interview

Paraclinical data (detail)	Exposure to pesticides (notably for gardening activities, domestic use and indoor plant treatment), work calendars (vineyard work) and residential exposure (proximity to treated crops) were gathered
Presence of a biobank	No
Health parameters studied	Health event/morbidity Health event/mortality
Procedures	
Data collection method	Interviews were mainly carried out in hospital or at home. Treating physicians were informed of the study in advance by telephone or letter for case interviews that took place at home.
Participant monitoring	No
Links to administrative sources	No
Promotion and access	
Promotion	
Link to the document	<a href="http://etudes.isped.u-bordeaux2.fr/REGISTRES-CANCERS-AQUITAINE/Snc/S_Etudes.aspx">http://etudes.isped.u-bordeaux2.fr/REGISTRES-CANCERS-AQUITAINE/Snc/S_Etudes.aspx</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)	Currently being defined
Access to aggregated data	Access on specific project only
Access to individual data	Access on specific project only