

# 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)

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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  |
| <b>Governance of the database</b>                                      |  |
| Sponsor(s) or organisation(s) responsible                              | ISPED- Institut de santé publique d'épidémiologie et de développement  |
| Organisation status  | Public   |
| <b>Additional contact</b>  |  |
| <b>Main features</b>   |  |
| <b>Type of database</b>  |  |
| 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<br>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. |
| <b>Database objective</b>  |  |
| Main objective   | To investigate the relationship between exposure to pesticides and central nervous system disorders (brain and spinal cord)  |

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| 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. |
| <b>Population type</b>                       |   |
| Age  | Adulthood (19 to 24 years)<br>Adulthood (25 to 44 years)<br>Adulthood (45 to 64 years)  |
| Population covered                           | Sick population   |
| Gender                                       | Male<br>Woman   |
| Geography area                               | Departmental  |
| French regions covered by the database       | Aquitaine Limousin Poitou-Charentes   |
| Detail of the geography area                 | Gironde   |
| <b>Data collection</b>                       |   |
| <b>Dates</b>                                 |   |
| Date of first collection (YYYY or MM/YYYY)   | 1999  |
| Date of last collection (YYYY or MM/YYYY)    | 2001  |
| <b>Size of the database</b>                  |   |
| Size of the database (number of individuals) | [500-1000[ individuals  |
| Details of the number of individuals         | 221 patients/cases 442 témoins/controls   |
| <b>Data</b>                                  |   |
| Database activity                            | Data collection completed   |
| Type of data collected                       | Declarative data<br>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 |
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| Presence of a biobank | No |
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| Health parameters studied | Health event/morbidity<br>Health event/mortality |
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## Procedures

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| 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. |
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| Participant monitoring | No |
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|---------------------------------|----|
| Links to administrative sources | No |
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## 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> |
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| Link to the document | <a href="http://www.ncbi.nlm.nih.gov/pubmed/?term">http://www.ncbi.nlm.nih.gov/pubmed/?term</a> |
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### Access

|   |                         |
|---|-------------------------|
| Terms of data access (charter for data provision, format of data, availability delay) | Currently being defined |
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|                           |                                 |
|---------------------------|---------------------------------|
| Access to aggregated data | Access on specific project only |
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| Access to individual data | Access on specific project only |
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