

# **EUELC: European Early Lung Cancer - Case-Control Study on Patients with Lung Cancer: Specific Genetic Alterations Detectable in the Respiratory Epithelium**

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## **General**

### **Identification**

Detailed name Case-Control Study on Patients with Lung Cancer: Specific Genetic Alterations Detectable in the Respiratory Epithelium

Sign or acronym EUELC: European Early Lung Cancer

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

CNIL

### **General Aspects**

Medical area Cancer research  
Pneumology

Pathology (details) Lung cancer

Health determinants Addictions  
Genetic  
Lifestyle and behavior

Keywords genetic changes, exposure, asbestos, smoking, risk factors

### **Scientific investigator(s) (Contact)**

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Unit INSERM U823

Organization Albert Bonniot Research Centre

## Collaborations

## Funding

Funding status Public

Details European Union (QLG1-CT-2002-01735)

## Governance of the database

Sponsor(s) or organisation(s) responsible Albert Bonniot Research Centre

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 sample selection. Cases selected are patients with non-small cell lung cancer from hospitals participating in the study. Controls with different pathologies are selected from the same hospital.

## Database objective

Main objective To determine if specific genetic alterations occurring in lung cancer are detectable in the respiratory epithelium.

Inclusion criteria ? male or female  
? adult

## Population type

|  |  |
|--|--|
| Age  | Adulthood (45 to 64 years)<br>Elderly (65 to 79 years)   |
| Population covered                           | General population   |
| Gender                                       | Male<br>Woman  |
| Geography area                               | International  |
| Detail of the geography area                 | 8 European countries: France; Germany; Republic of Ireland; Italy, Netherlands; Poland; Spain and the United Kingdom   |
| <b>Data collection</b>                       |  |
| <b>Dates</b>                                 |  |
| Date of first collection (YYYY or MM/YYYY)   | 2002   |
| <b>Size of the database</b>                  |  |
| Size of the database (number of individuals) | [1000-10 000[ individuals  |
| Details of the number of individuals         | 2,476 ? 922 cases ? 1524 controls  |
| <b>Data</b>                                  |  |
| Database activity                            | Data collection completed  |
| Type of data collected                       | Declarative data<br>Biological data  |
| Declarative data (detail)                    | Face to face interview   |
| Details of collected declarative data        | 45-minute in-person interview with a research interviewer. A standardised lifestyle questionnaire was used to collect information on socioeconomic and demographic characteristics, medical history, family history of cancer, history of tobacco consumption and possible exposure to asbestos. |
| Biological data (detail)                     | Blood sample ? bronchial washing or sputum ? tissue samples  |
| Presence of a biobank                        | Yes  |
| Contents of biobank                          | Whole blood<br>Fluids (saliva, urine, amniotic fluid, ?)   |

Tissues  
DNA  
DNAC/RNAm

Details of biobank content      Bronchial sputum

Health parameters studied      Health event/morbidity  
Health event/mortality

## Procedures

Participant monitoring      Yes

Details on monitoring of participants      Follow-up every 6 months for 36 months. Individuals shall complete a questionnaire on tobacco consumption at each follow-up visit and new biological samples will be collected.

Links to administrative sources      No

## Promotion and access

### Promotion

Link to the document      <http://erj.ersjournals.com/content/34/6/1477.long>

### Access

Terms of data access (charter for data provision, format of data, availability delay)      Contact the scientist in charge.

Access to aggregated data      Access on specific project only

Access to individual data      Access on specific project only