# IBIS - Post-critical immunosuppression in intensive care patients - Immunity after Brain Injury Study

Head :ROQUILLY Antoine

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## General

### Identification

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| Detailed name | Post-critical immunosuppression in intensive care patients - Immunity after Brain Injury Study |
| Sign or acronym | IBIS |
| CNIL registration number, number and date of CPP agreement, AFSSAPS (French Health Products Safety Agency) authorisation | DC-2017-2987 |

### General Aspects

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| Medical area | Anesthesiology ? Intensive care |
| Study in connection with Covid-19 | Yes |
| Pathology (details) | COVID, injury, sepsis, pneumonia, brain death, extracorporeal circulation |
| Health determinants | Healthcare system and access to health care services |
| Keywords | biocollection |

### Scientific investigator(s) (Contact)

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|---|---|
| Name of the director | ROQUILLY |
| Surname | Antoine |
| Address | Service d'anesthésie-réanimation - Hôtel Dieu - CHU de Nantes |
| Phone | 0253482230 |

### Collaborations

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| Participation in projects, | Yes |

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| networks and consortia | |
| Details | Altanrea network, HAP² consortium |
| **Funding** | |
| Funding status | Public |
| **Governance of the database** | |
| Sponsor(s) or organisation(s) responsible | Nantes University Hospital - Research Promotion |
| Organisation status | Public |
| Presence of scientific or steering committees | Yes |
| **Additional contact** | |
| Name of the contact | Flattres |
| Surname | Delphine |
| Address | Service d'anesthésie-réanimation - Hôtel Dieu CHU de Nantes - 1 place Alexis Ricordeau - 44093 Nantes Cedex 1 |
| Phone | 0253482308 |
| Email | delphine.flattresduchaussoy@chu-nantes.fr |
| **Main features** | |
| **Type of database** | |
| Type of database | Others |
| Specify | Cohort and biocollection |
| Database recruitment is carried out by an intermediary | A selection of health institutions and services |
| Database recruitment is is made on the basis of: | Another treatment or procedure |
| Additional information regarding sample selection. | Prospective follow-up with biocollection on a cohort of intensive care patients |
| **Database objective** | |
| Main objective | The primary objective of this cohort with |

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| | biocollections is to describe the epidemiology of medical complications arising during hospitalisation in an intensive care unit |
| Inclusion criteria | All patients admitted to the surgical intensive care units at Nantes University Hospital, fulfilling the following<br>inclusion criteria:<br>1. Hospitalisation in intensive care > 48 hours<br>2. Aged over 15 years<br>3. Reason for hospitalisation including:<br>a. Severe injury with the need for mechanical ventilation > 24 hours<br>b. Acute brain injury with the need for mechanical ventilation > 24 hours<br>c. Septic shock |
| **Population type** | |
| Age | Adulthood (19 to 24 years)<br>Adulthood (25 to 44 years)<br>Adulthood (45 to 64 years)<br>Elderly (65 to 79 years) |
| Population covered | Sick population |
| Pathology | J12 - Viral pneumonia, not elsewhere classified |
| | S00-S09 - Injuries to the head |
| | R57 - Shock, not elsewhere classified |
| | A41 - Other sepsis |
| | T00-T07 - Injuries involving multiple body regions |
| | S06 - Intracranial injury |
| | I61 - Intracerebral haemorrhage |
| | I64 - Stroke, not specified as haemorrhage or infarction |
| Gender | Male<br>Woman |
| Geography area | Local |
| French regions covered by the database | Pays de la Loire |
| **Data collection** | |

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| **Dates** | |
| Date of first collection (YYYY or MM/YYYY) | 2013 |
| **Size of the database** | |
| Size of the database (number of individuals) | [500-1000[ individuals |
| **Data** | |
| Database activity | Current data collection |
| Type of data collected | Clinical data<br>Paraclinical data<br>Biological data<br>Administrative data |
| Clinical data (detail) | Direct physical measures<br>Medical registration |
| Presence of a biobank | Yes |
| Contents of biobank | Serum<br>Plasma<br>Blood cells isolated<br>Fluids (saliva, urine, amniotic fluid, ?)<br>Others |
| Details of biobank content | PBMC, tracheal aspiration, skin and rectal swabs |
| **Procedures** | |
| Data collection method | eCRF |
| Participant monitoring | Yes |
| Monitoring procedures | Monitoring by convocation of the participant |
| **Promotion and access** | |
| **Promotion** | |
| **Access** | |
| Access to aggregated data | Access on specific project only |
| Access to individual data | Access on specific project only |