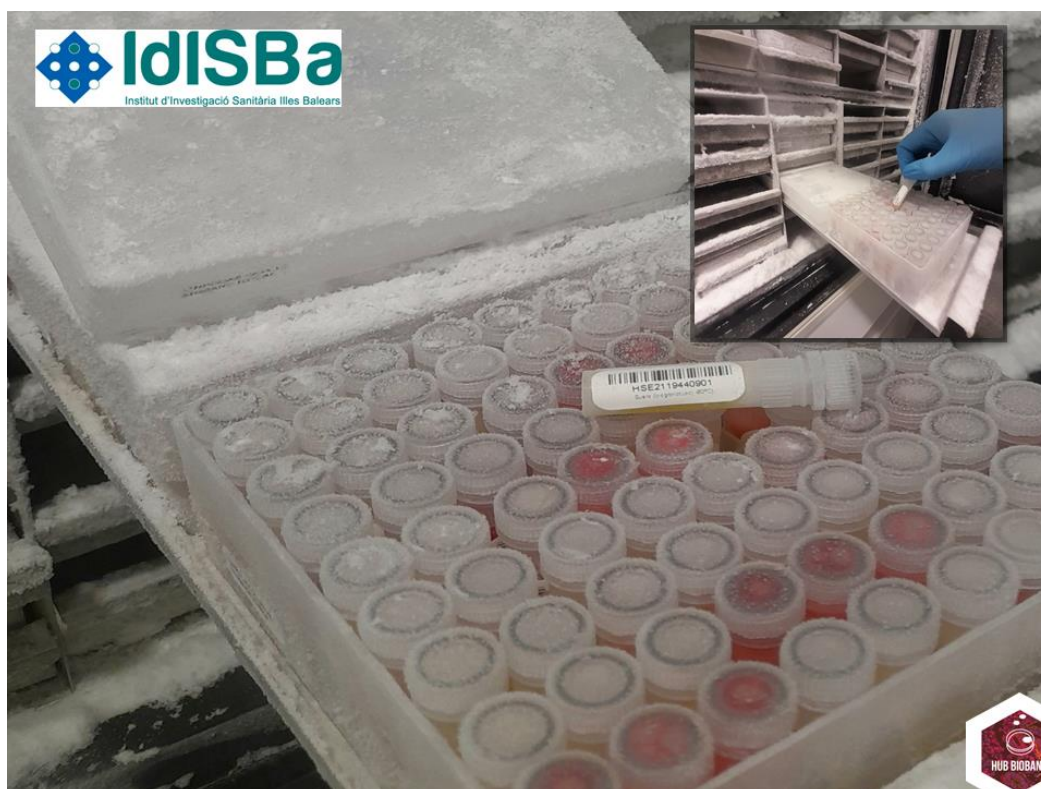


BIOBANK AND BIOMODELS PLATFORM IdISBa CATALOG OF BIOLOGICAL SAMPLES

Update date: 11/08/2025



BIOBANK COLLECTIONS

The IdISBa Biobank and Biomodels platform provides to the scientific community high-quality human biological material, as well as associated clinical and demographic data, using standardized working protocols and complying with current regulations on donor autonomy and data protection.

FREQUENTLY ASKED QUESTIONS

What are the advantages of obtaining samples for my project through the IdISBa Biobank and Biomodels Platform?

- ✓ Quality assurance, security, and traceability of stored biological data and samples.
- ✓ Comply with applicable laws and regulations, paying special attention to the rights of source subjects/donors and obtaining informed consent.
- ✓ Recording of the pre-analytical conditions of the samples, using the International SPREC Code.
- ✓ Warehouse control: Restricted access, continuous temperature recording (MY SIRIUS), telephone alarms for power outages and freezer temperature increases.
- ✓ Samples are provided within a reasonable time after receipt of the request.
- ✓ Process control: Quality Management System according to the UNE-EN ISO 9001:2015 standard.

What is the procedure for requesting samples?

- The first step is to fill out the application form provided by the biobank and attach the following documentation:
 - Favorable report on the project from the Research Ethics Committee.
 - Research project report.
 - Summary of the group's scientific activity.
 - Document proving financing.

- The biobank's technical team will notify you of the availability of the requested samples and issue a budget estimate based on the project requirements .
- The next step is to request approval from the biobank's advisory committees (Ethics Committee and Scientific Committee), in accordance with Article 34.4 of Royal Decree 1716/2011.
- To formalize the transfer of samples, a sample and data transfer agreement will be signed between the person in charge of the scientific direction of the biobank and the person responsible for the research requesting the samples.
- Finally, the samples are sent to the applicant.

What is the procedure for transferring paraffin-embedded samples from the Pathological Anatomy archive?

- The samples stored in the Pathology Archive were obtained for healthcare purposes, which must be guaranteed and always be a priority, so that only samples that can be considered surplus are used in research.
- The research use of these samples is managed through the biobank, following the same transfer procedure described above. The Ethics Committee also evaluates the inclusion of the selected surplus samples in the biobank regime for management.
- The selection of surplus samples for research use is the responsibility of the corresponding Pathology Service, so the person in charge of the service must approve the request.

What fees does the Biobank have?

The Biobank has published its current fees on the IdISBa website:
<https://www.idisba.es/es/Servicios/Plataformas-Cient%C3%ADficas/Biobanco>

SAMPLE COLLECTIONS

FBSTIB COLLECTION

Catalog category : Population /Reference samples

Collection start date : 11/07/2017

Depository: Dr. Javier Calvo Benito (director of the Tissue Bank of the Blood and Tissue Bank Foundation of the Balearic Islands, FBSTIB).

Sample characteristics: blood, blood products, breast milk, mesenchymal stem cells obtained from the umbilical cord and tissues (bone, osteotendinous, ocular and amniotic membrane) obtained at the FBSTIB.

Inclusion criteria: Biological samples discarded for therapeutic purposes and duly anonymized.

Data associated with the samples: No data that could identify the donor.

Number of cases: 100-1000 (tissue samples are collected on demand, upon request).

Recruitment status: Active.

TUMORS: SARCOMAS AND GLIOMAS

Catalog category : Oncology

Collection start date : 11/18/2017

Depository: IdISBa Biobank Scientific Direction

Sample characteristics: Frozen or paraffin-embedded tumor tissue samples, surplus from the diagnostic process, selected by physicians from the Pathological Anatomy service.

Inclusion criteria: Sarcomas and gliomas exceeding the clinical diagnosis.

Data associated with the samples: Diagnosis and other clinical data of interest related to the disease.

Number of cases: 10-100.

Recruitment status: Active.

LYMPHOMAS AND OTHER LYMPHOID NEOPLASMS

Catalog category : Oncology

Depository: Dr. Antonio Manuel Gutiérrez García (Hematology Service, Son Espases University Hospital).

Collection start date: 01/07/2019.

Sample characteristics: plasma, serum, "Buffy" coat" of patients diagnosed with lymphoma, stored at -80°C.

Inclusion criteria: samples from patients diagnosed with lymphoma.

Data associated with the samples: Diagnosis and other clinical data of interest related to the disease.

Number of cases: 100-1000.

Recruitment status: Active.

GYNECOLOGICAL TUMORS

Catalog category : Oncology

Depository: IdISBa Biobank Scientific Direction.

Collection start date: 01/09/2019.

Characteristics of the samples: Tumor tissue samples obtained from diagnostic or surgical surpluses: blood, ovarian tissue, peritoneal implants, omentum, and ascitic fluid.

Inclusion criteria: Women diagnosed with ovarian or endometrial carcinoma.

Data associated with the samples: Diagnosis and other clinical data of interest related to the disease.

Number of cases: 10-100.

Recruitment status: Active.

COVID-19 IB COLLECTION

Catalog category : Covid-19

Depository: IdISBa Biobank Scientific Direction.

Collection start date : 04/01/2020.

Sample characteristics : blood and blood products.

Inclusion criteria : Patients diagnosed with COVID-19 admitted with post-discharge follow-up and patients admitted without post-discharge follow-up. Patients with pulmonary thromboembolism or pulmonary fibrosis.

Data associated with the samples : Diagnosis, patient profile at the time of donation and other data of interest related to the disease.

Number of cases : 100-1000.

Recruitment status : Completed.

Mesenchymal stem cells

Catalogue categorie : Other

Collection start date : 12/20/2023.

Depository: IdISBa Biobank Scientific Direction.

Sample characteristics: lipoaspirate samples, plastic surgery surpluses/ mesenchymal stem cells obtained from lipoaspirates.

Inclusion criteria : patients undergoing plastic surgery where sufficient adipose tissue is removed.

Data associated with the samples : gender, age, reason for the intervention.

Number of cases : ≤10.

Recruitment status : Active.

CAR-T COLLECTION

Catalog category : Oncology

Depository: IdISBa Biobank Scientific Direction.

Collection start date: 08/25/2023.

Sample characteristics: blood and blood products, diagnostic surpluses of onco-hematological patients undergoing treatment with CAR-T drugs.

Inclusion criteria: Patients diagnosed with lymphoma selected for treatment with CAR-T therapy. Samples collected prior to and after infusion (up to 3 months post-infusion).

Data associated with the samples: diagnosis, date of infusion, other clinical data related to the disease.

Number of cases: 10-100.

Recruitment status: Active.

DEMYELINIZING DISEASES

Catalogue categorie : Nervous system disorder / Autoimmune Disease

Collection start date : 02/02/2024.

Depository person: Dr. Carmen Calle Hernández (Neurology Service, Son Espases University Hospital).

Sample characteristics: blood, plasma or cerebrospinal fluid from patients diagnosed with demyelinating diseases.

Inclusion criteria: Patients diagnosed with a demyelinating disease.

Data associated with the samples: name, date of birth, gender, medical record number, diagnosis, ICD and other data of interest related to the disease.

Number of cases: 100-1000.

Recruitment status: Active.

FAMSAHS COLLECTION (Familial Association Study of Sleep Apnea-Hypopnea Syndrome).

Catalog category : Pediatric / Respiratory Disease

Depository: Dr. Antonia Barceló Bennásar (Clinical Analysis Service, Son Espases University Hospital).

Start date : Collection transfer agreement signed on 09/20/2024.

Sample characteristics : blood and blood products.

Inclusion criteria : Children consecutively seen for suspected obstructive sleep apnea (OSA) in the Pulmonology and Otorhinolaryngology departments and their parents; Adults consecutively seen in the Pulmonology departments for suspected OSA, their children aged 3 to 14 years, and the other parent.

Data associated with the samples: Data of interest related to the disease (family history of sleep apnea-hypopnea syndrome, sleep data, habits, etc.).

Number of cases: 100-1000.

Recruitment status: Completed.

GASTROINTESTINAL PATHOLOGY SAMPLE COLLECTION

Catalog category : Oncology

Depository: Dr. José Reyes Moreno (Digestive Service, Inca Regional Hospital).

Collection start date: pending.

Sample characteristics: Surplus tissue samples from diagnostic tests (endoscopic biopsies) of colonic and gastric pathologies detected by digestive endoscopy, as well as areas of surrounding healthy mucosa. Other sample types: blood, urine, and feces.

Inclusion criteria: Donors with colon polyps, colon cancer, areas with dysplasia associated with inflammation, Crohn's disease, and ulcerative colitis; gastric neoplasia and gastric precancerous lesions.

Data associated with the samples: Data of interest related to the disease (diagnosis; genomic data; family history of cancer; concomitant treatments; associated diseases and other relevant information related to the pathology).

Number of cases: 0.

Recruitment status: collection pending to start.