

## Biological Resource Center (BRC)

The HUPNVS-BRC is a multi-purpose structure of clinical research activities of the Clinical Research Department. Its activities are currently consisting in establishing the best procedures for collection, treatment, storage and distribution of human biological material dedicated to scientific research purposes.

The HUPNVS-BRC is headed by Dr Sarah Tubiana, assisted by a biological engineer acting as quality manager to ensure effectiveness for any action implemented, and providing technical training of a team of laboratory technicians.

Le Centre de Ressources  
**Biologiques**

### Contacts

#### BCR

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## The missions of HUPNVS-BRC

- Collect , process, analyze and store biological samples and associated data.
- Advise / Support the establishment of biological collections (methodology, ethics committee submissions/regulations, biology, logistics)
- Promote the exploitation/utilization of collections, their sharing and collaborations between research teams
- Ensure compliance with bioethics laws, information and collection of donor consents and the ethical use of their samples
- Guarantee the optimum conditions of its activities by following a specific quality reference NF S96-900



Since 2009, the HUPNVS-BRC is a certified biobank, according to the French norm NF S 96-900 (AFAQ AFNOR certificate number: 2009/34457).

## To work with HUPNVS-BRC

NEW PROJECT

Feasibility study :  
Regulatory  
Technical  
Logistics  
Financial

Project to  
be restate

Accepted  
project

Convention  
Establishment  
Validation procedure  
and sample circuits

Initiation visit

The cost of building a biological collection depends on the nature of the samples, the technical services to be performed, the number of patients, the number of visits, if the study is mono or multicentric, the final volume of the collection, conditions and storage times.

## Samples storage

Secure storage (4°C, -20°C, -80°C)

- Recorded temperature 24h/24 and 7/7
- Immediate intervention in case of breakdown (on-call staff)
- back-up freezers available
- Secured access to premises



## Sample Management

- Software and database (MODULBIO) ensuring samples traceability from reception to distribution of the samples and the recording of associated data
- Statement to the CNIL N°: 1294788

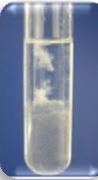


## Membership in Networks

- IBiSA (Infrastructure en biologie, santé, agronomie)
- Biobanking and Bio molecular Resources Research Infrastructure (BBMRI)
- Biobanque (french biobank network Infrastructures Nationales de Biologie et Santé - AAP 2010 - BB-0033-00020).

## Sample Processing Services

- Décantation,
- DNA extraction from blood, saliva
- RNA extraction from blood
- Peripheral blood mononuclear cell (PBMC) extraction
- Filtration



## Regulatory Services

Advice and support for :

- Drafting the CPP files for requalification of biological samples
- Drafting patient's informed consent
- Déclaration of collections from the French Ministry of Higher Education and Research (MESR)
- Biological samples import or export autorisation request from MERS



