



**CRBIP**

**Biobank core facilities**

## INTRODUCTION

### Mission of the Center for Biological Resources

The mission of the CRBIP is to support high quality and reproducible research by the Institut Pasteur teams and the scientific community at large by enabling access to qualified microbial and human-origin samples and associated data.

CRBIP aims at:

- Engaging with scientists to fulfill their needs in terms of biological specimens either from stock or from prospective collections
- Offering secure biorepository facilities
- Advising on fitness for purpose of the biological specimens and raising awareness through seminars
- Adding value to the biological specimens through advanced characterization and quality control
- Operating in compliance with the latest professional biobanking quality standards and applicable regulations
- Expanding its thematic scope with the integration of new microbial collections (fungi, viruses, bacteriophages) and human biological materials of different types
- Developing new tools for the visualization of the biological resources
- Developing services around processing of biological specimens



The CRBIP supports research on human diseases by providing project-specific biobanking services and by supplying carefully characterized and fit-for-purpose biological resources. Our long experience makes us a valued partner for our research colleagues, and we are proud to be able to contribute to rigorous research methodologies. We believe that diversity of biospecimens, together with biospecimen science, advanced analytical annotations, and biobanking quality standards, lead to more reproducible research and more innovative applications.

Dr Fay Betsou, Director of the Centre des Ressources Biologiques  
of Institut Pasteur (CRBIP)

## Biological Resource Center of Institut Pasteur (CRBIP)

An internationally recognized biobank of microbial and human bioresources

The CRBIP is a transversal biobank infrastructure that includes microbial and human specimen collections of Institut Pasteur.

The CRBIP receives, maintains, characterizes and supplies biological resources globally, in compliance with health and environmental safety standards and under applicable laws and regulations.



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### Contacts

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<https://research.pasteur.fr/en/center/biological-resource-center-of-the-institut-pasteur-crbip/>

### Mission

To preserve and make accessible for research, training and quality control purposes, historical and newly collected microbial and human bioresources.

### Our expertise includes

#### • Collection of Institut Pasteur: CIP

>25k BACTERIAL STRAINS in one of the oldest collections in the world

[cip@pasteur.fr](mailto:cip@pasteur.fr)

>200 PATHOGENIC VIRAL STRAINS isolated from humans or animals

[cvip@pasteur.fr](mailto:cvip@pasteur.fr)

A GROWING NUMBER OF YEAST AND FILAMENTOUS FUNGAL STRAINS

[cfip@pasteur.fr](mailto:cfip@pasteur.fr)

#### • Pasteur Cultures of Cyanobacteria: PCC

>750 MONOCLONAL STRAIN CULTURES representing the taxonomic and functional diversity of Cyanobacteria

[collectionpcc@pasteur.fr](mailto:collectionpcc@pasteur.fr)

- National Collection of Cultures of Microorganisms: CNCM
  - >4K MICROBIAL STRAINS
  - >1.5k CELL LINES
- Integrated Collections for Adaptive Research in Biomedicine: ICAReB-biobank
  - >150k SAMPLES AND CLINICAL DATA from patients and healthy volunteers
  - [icareb-biobank@pasteur.fr](mailto:icareb-biobank@pasteur.fr)

### What we do

- accept deposits of microbiological materials
- lyophilize strains
- receive and process human fluid biological materials
- characterize the biological materials phenotypically, genotypically, and functionally
- preserve and distribute microbial and human bioresources
- offer training and expertise

### Networks

- Microbiol Resources Research Infrastructure (MIRRI)
- European Virus Archive - global (EVAg)
- World Data Centre for Microorganisms (WDCM)
- World Federation of Culture Collections (WFCC)



### How to work with us/how to apply for support

CRBIP Website



CIP Website



PCC Website



CNCM Website



ICAReB Website

