

CREATE & MANAGE YOUR COLLECTION OF BIOLOGICAL RESOURCES WITH CRYOSTEM



CUSTOMIZED

BIOBANKING NETWORK SOLUTIONS

Information about our **customized biobanking network solutions**: contact@cryostem.org or visit cryostem.org

CRYOSTEM was initiated in the framework of the Investments for the Future programme, at the heart of the French Government's Plan Cancer and supported by the National Cancer Institute (INCa).



EUROPEAN LEADER IN HSCT* COMPLICATIONS

CRYOSTEM is a collaborative network regrouping all French allograft units and over 400 health professionals in the field of blood disorders. Since its inception in 2012, CRYOSTEM has developed a unique biological resources collection including more than 5,700 patients and 2,300 donors. With nearly 200,000 biological samples, this resource of very high biological and clinical value is made available to researchers to better understand, predict and treat all HSCT complications.

82%

Inclusion rate of allografted patients in the CRYOSTEM network center
2017 figures from l'Agence de Biomédecine

Ongoing collaborations

CRYO-LEA

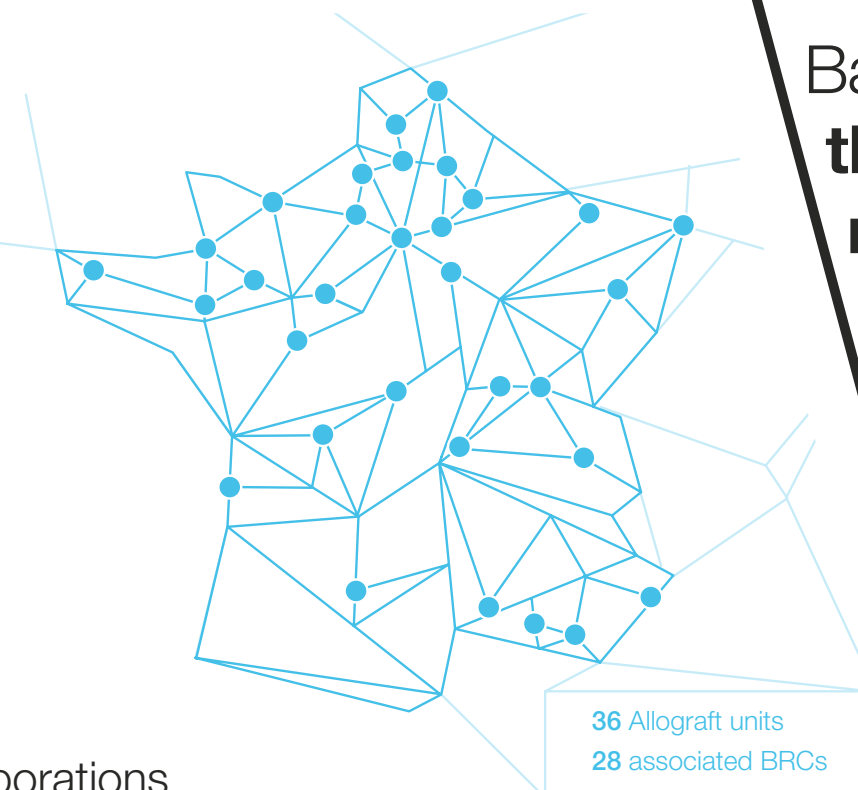
Building a collection of biological resources of more than 4,000 patients in complement to clinical and epidemiological data already included within the LEA cohort. Deployment of skin biopsies samples.

SFGM-TC

Supporting prospective study protocols of the Francophone Society of Bone Marrow Transplantation and Cellular Therapy.

All scientists around the world conducting disruptive projects on HSCT complications based on creative science in promising fields such as contemporary immunology and cancer can access the collection. Project submissions are open year round, applications are reviewed by an international group of independent experts on a regular basis.

Research projects by CRYOSTEM meet rigorous selection criteria, a scientific excellence widely recognized by research institutes, pharmas, and patient's associations supporting this unique collection.



Back your research program with the most efficient biobanking network solutions

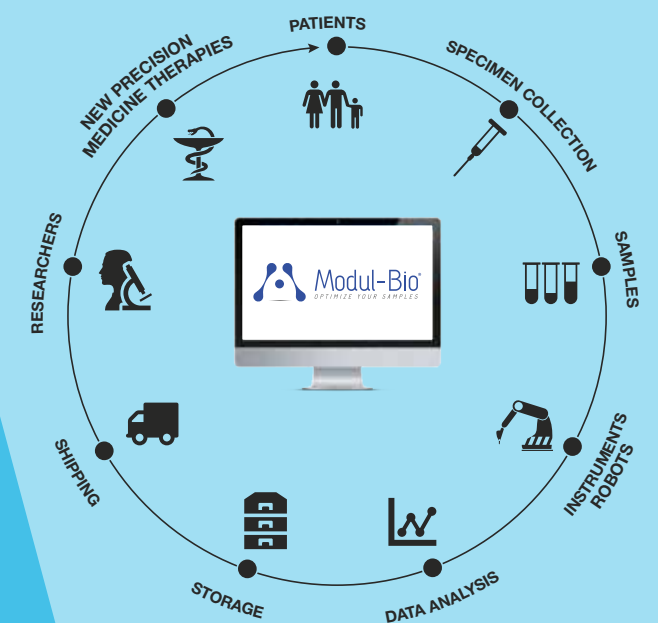
- Needs-and-means analysis
- Creation and coordination of new networks (training and supervision of future project managers, choice of strategic partners)
- Audit of facilities
- Creation of customized biological collections (*de novo* or enrichment of existing collections)
- Bioethical and regulatory approaches
- Certification support (governance, networks, etc.)
- Deployment of software tools and centralization, real-time data processing and analysis (MBioLIMS BioBanking, etc.)
- Interoperability with other databases or systems

“CRYOSTEM develops customized biobanking network solutions to address a wide range of health issues (immuno-oncology, rare diseases, etc.)”

From patient to treatment:

State of the art biobanking software dedicated to the complete life cycle of biospecimens

CRYOSTEM relies on Modul-Bio's Biobank Information Management System (BIMS) during the sampling, processing, storage and distribution of patient biospecimens with associated data. Multi-sites deployment enables collecting sites to standardise their processes and ensures high quality of biospecimens. Management of samples and associated data constitutes a high added value for biobanks and cohorts involved in the development of precision medicine programs.



THE CRYOSTEM GOVERNANCE IS CERTIFIED SINCE 2015

60% OF SAMPLES PROCESSED IN LESS THAN 4 HOURS

96% OF PATIENTS AND DONORS CONSENTS COLLECTED

+5,000 SAMPLES PROVIDED TO THE FIRST 8 PROJECTS SELECTED BY THE CRYOSTEM SCIENTIFIC COMMITTEE

*Hematopoietic Stem Cell Transplantation