



FERDINAND CABANNE Biobank Center

➤ Challenges

- Computerize one of the largest multi-site Biobanking centers in France
- Strengthen traceability and optimize specimen and collection value in compliance with regulatory requirements
- Facilitate scientific collaboration
- Train biobank staff to use the new software quickly

➤ Biobank Center activity

- Almost 600 000 specimens
- 7 sites: 6 temporary preparation and storage sites, 1 site for final storage
- 30 ^{TD}BioBank users: Doctors, lab technicians, medical secretaries, partners of the Ferdinand Cabanne Biobank Center

Ferdinand Cabanne, one of the largest French biobanking centers, has chosen ^{TD}BioBank from TECHNIDATA to modernize its IT infrastructure in the context of its multi-site organization.

Ferdinand Cabanne Biobank Center draws together a number of institutions such as the Dijon Burgundy University Hospital, the national French blood services (the EFS) for the Burgundy Franche-Comté region as well as the Cancer Care Center Georges-François Leclerc. The center is actively involved in all aspects of specimen collection, preparation and preservation for research and innovative therapeutic purposes as well as in patient care. The Ferdinand Cabanne Center additionally houses specimens for third parties.

The site, equipped with 48 liquid nitrogen storage containers, possesses one of the largest cryopreservation facilities in France.

To computerize its network of 7 biorepositories, Ferdinand Cabanne Biobank Center has chosen ^{TD}BioBank software.

Céline Shaeffer, Operational Manager for the Biobank Center, Dorothée Cannet, in charge of cryopreservation at Ferdinand Cabanne and the national French blood services, and Frédéric Brun, IT Project Manager at the Center, vouch for the benefits of ^{TD}BioBank.



The cryopreservation facilities of Ferdinand Cabanne Biobank Center and the national French blood services for the Burgundy Franche-Comté region, one of the largest in France, with its 48 nitrogen storage containers.

^{TD}BioBank Livextens

Software adapted to the specific needs of Ferdinand Cabanne Biobank Center

Specimens such as biological fluids, tissue, cells, parasites and viruses are first prepared and temporarily stored at one of 6 sites before definitively being preserved at the biobank of the national French blood services based in Dijon. The site possesses one of the largest cryopreservation facilities in France.

“Thanks to web technology, ^{TD}BioBank has greatly facilitated the way in which we manage our multi-site organization. It allows users who are not physically situated at the training hospital to securely access the biobank remotely”, explains Frédéric Brun, IT Project Manager at Ferdinand Cabanne Biobank Center.

“Thanks to its flexibility we have been able to adapt ^{TD}BioBank to suit our particular work methods. The software now automatically reproduces our work procedures.

For example, specimen preparation features mirror the activities that technicians physically carry out on screen. These **pre-defined features** facilitate batch sample reception and preparation, and this in turn saves us a considerable amount of time. The user-friendliness of the software also contributes to its quick and easy use”, adds Céline Schaeffer, Operational Manager for the Biobank Center.

“We often use the Query Tool to apply personalized filters to search for samples and edit reports, or even the Label module from the software interface to rapidly print specimen labels.

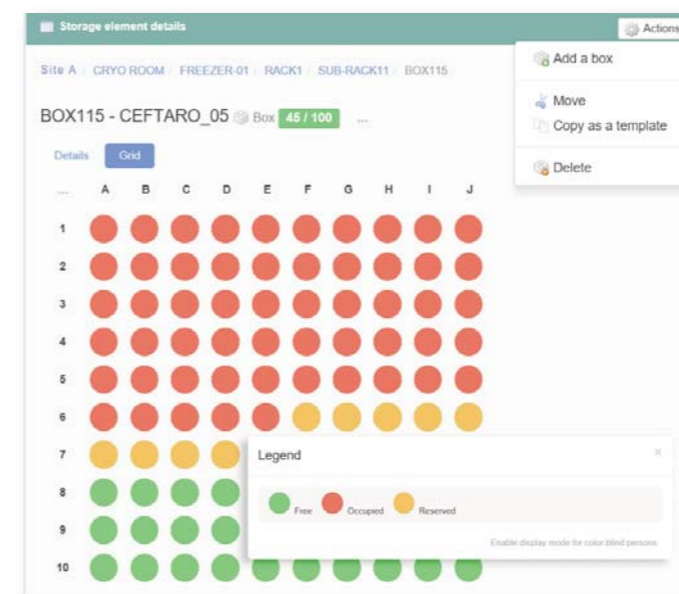
^{TD}BioBank meets the specific requirements of our business and contributes to the overall efficiency of the Biobank Center.”

Traceability and added value to specimens

“The Ferdinand Cabanne Biobank Center has national certification (NF S96-900) and it is thus essential for us to use a solution that meets our requirements in terms of quality and traceability.

Specimen management is guaranteed to meet quality standards with ^{TD}BioBank. Traceability is ensured from beginning to end – from specimen sampling right through to transfer”, explains Dorothee Cannet, in charge of cryopreservation at the biobanks of both the Ferdinand Cabanne Center and the national French blood services for the Burgundy Franche-Comté region.

“Specimen value is fundamental in our line of work. The **^{TD}BioBank Customized Form Designer module** allows users to associate bioclinical data to specimens on which we are then able to run queries. It is an essential tool to carry out our daily activity.



Storage locations created with ^{TD}BioBank

It is a considerable advantage that we are able to import and exploit such high-value information. In this way we are able to enhance our specimens en masse and this saves us valuable time.”

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^{TD}BioBank benefits

- + **Added value** to biological resources and collections
- + A set of tools to easily and autonomously **produce and manage catalogs**
- + **Full traceability**
- + Pedigree chart management to **include a family dimension**
- + Optimization of specimen **storage space**
- + Management and monitoring of a **large volume** of biological resources
- + Flexible architecture for **centralized multi-site management**
- + Facilitates the process to **NF S96-900 certification & ISO 15189 accreditation**



Expert support

^{TD}BioBank offers a module that facilitates specimen import and relocation while guaranteeing an optimal level of traceability. The significant size of the Ferdinand Cabanne Center presents many challenges, which require close collaboration between TECHNIDATA and the teams at the center.

"We have a good working relationship with TECHNIDATA. Their staff are competent, attentive and responsive. They provide us with assistance to configure our systems, optimize performance and even training. We really appreciate their expertise", concludes Céline Schaeffer.



LEARN MORE

For more information on ^{TD}BioBank:
www.biobank-solutions.com

About Ferdinand Cabanne Biobank Center



The Ferdinand Cabanne Biobank Center had national certification (NF S96-900) since 2009. Specimens such as tissue, cells, whole blood, plasma, serum or urine are used for research and innovative therapeutic purposes as well as in patient care. The Center actively:

- Provides consulting services (methodological support for scientific studies, software configuration and logistics)
- Creates collections: specimen reception and preparation
- Hosts and preserves specimens
- Supplies specimens for research protocols

www.crbferdinandcabanne.fr

About TECHNIDATA

With over 40 years' experience in the field of lab management, TECHNIDATA is a leading global software supplier for clinical and anatomic-pathology laboratory information systems (LIS) and biobanks. Developed in full compliance with the ISO 9001/ISO 13485 quality standards, TECHNIDATA software products are distributed worldwide and cover all the clinical laboratory disciplines.

Disciplines

- Biochemistry, Hematology, Immunology, Serology, Virology, Microbiology
- Histology/Cytology
- Genetics
- Biobanking

Products

- Laboratory Information Systems (Livextens suite)
- Middleware solutions (^{TD}Harmony suite)
- Instrument workstations
- Point of Care Testing
- Web-based requests and results module

Services

- Consulting, development, support, training activities



As a member of the ESBB, TECHNIDATA contributes to the development of biobanks.



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