BioConsult

Operational consulting for biobanks, hospitals, research institutions, stem-cell / tissue banks and biotech teams.

Strategy | Operations | Data & LIMS | Coordination | Continuity

France | Vietnam | Hong Kong | International support

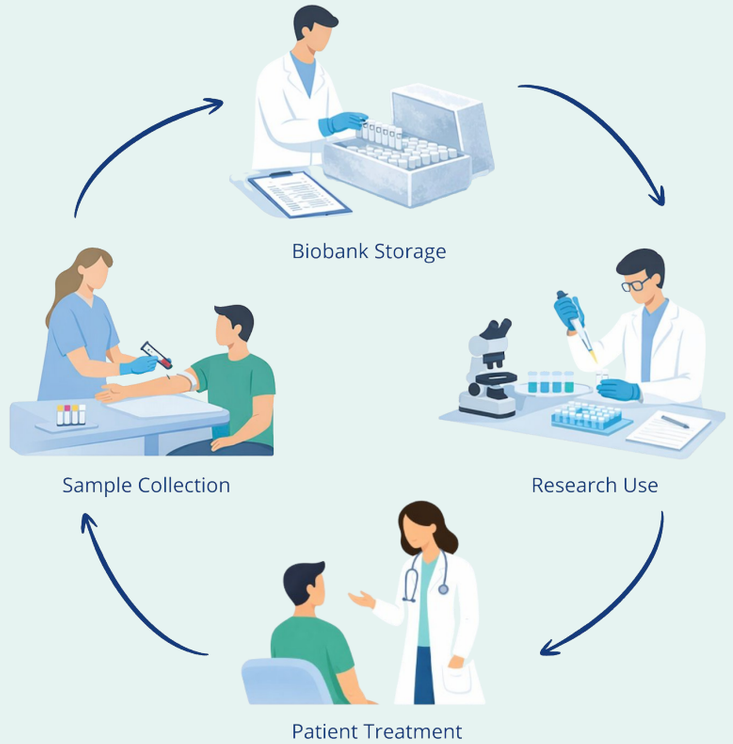
What is LSE BioConsult

From strategic vision to operational execution

Scientific value relies on operational reliability

A biological collection may contain valuable samples and still remain difficult to use when data, documentation, responsibilities or access conditions are incomplete.

We help organizations identify these gaps and translate them into structured operational actions.



01

About
LSE BioConsult

We connect scientific requirements with workable operations

LSE BioConsult is a specialist consulting activity supporting organizations that manage biological samples and their associated data.

Our approach combines practical understanding of the biospecimen lifecycle, data quality, LIMS readiness, process formalization and coordination of scientific, ethical and regulatory requirements.

We work directly with client teams and collaborate with external technical, legal or regulatory specialists when a project requires complementary expertise. Support can be delivered on-site, remotely or through a hybrid format.

France | Vietnam | Hong Kong | International

02

Our Services

Services designed around your problem

01
Governance, Ethics & Legal Readiness

02
Business Model & Strategy

03
Operations, Quality & Logistics

04
IT Infrastructure, Data & LIMS

05
External Relations & Coordination

06
Critical Scenarios & Continuity

Before actionable work begins, we review the current situation, identify priority gaps and dependencies, and propose a defined scope with possible deliverables.
Implementation begins only after the scope has been validated with the client.

Governance, Ethics & Legal Readiness

Under which conditions can samples and data be stored, accessed and used?

HOW WE SUPPORT

- Map governance structures, responsibilities and decision rights
- Review links between samples, consent and associated data
- Identify documentation and authorization gaps
- Coordinate ethical and regulatory questions with specialists
- Translate validated decisions into workflows and procedures

USUAL DELIVERABLES

I. Initial governance check-up

II. Governance and stakeholder map

III. Requirements matrix

IV. Consent

V. Prioritized action plan

SCOPE BOUNDARY: We provide operational coordination and documentation support, not legal advice. Local specialists remain responsible for jurisdiction-specific legal interpretation.

Business Model & Strategy

Can the activity deliver scientific value through a viable operating model?

HOW WE SUPPORT

- Clarify scientific interest and operational purpose
- Define target users and intended uses
- Compare operating-model scenarios
- Identify resource, capacity and infrastructure requirements
- Structure cost assumptions and financial scenarios
- Translate choices into a practical roadmap

USUAL DELIVERABLES

I. Strategic and scientific-purpose check-up

II. Operating-model scenarios

III. Financial assumptions or preliminary model

IV. Resource and dependency map

V. Decision roadmap

SCOPE BOUNDARY: Full investment, legal or regulatory feasibility may require financial, legal and technical specialists working alongside LSE BioConsult.

Operations, Quality & Logistics

Are samples handled consistently throughout their lifecycle?

HOW WE SUPPORT

- Map reception, preparation, preservation, storage, transport and release
- Compare documented SOPs with current practice
- Identify critical control points and operational gaps
- Clarify responsibilities across the workflow
- Review quality, safety and traceability expectations
- Support staff training and knowledge transfer

USUAL DELIVERABLES

I. Operational check-up

II. Process and lifecycle maps

III. SOP review or drafting plan

IV. Critical control-point register

V. Responsibility matrix

VI. Training plan

SCOPE BOUNDARY: Laboratory testing, diagnostic validation and certified transport are outside scope unless explicitly agreed with qualified partners.

IT Infrastructure, Data & LIMS

Can the organization trust its sample data before moving it into a new system?

HOW WE SUPPORT

- Assess Access, Excel, database and LIMS structures
- Find duplicates, inconsistencies and missing associations
- Standardize terminology, fields and controlled vocabularies
- Reconcile patients, samples, locations and identifiers
- Define functional requirements and business rules
- Prepare test datasets and coordinate IT validation

USUAL DELIVERABLES

I. Data and LIMS-readiness check-up

II. Data dictionary and field mapping

III. Correspondence tables

IV. Anomaly register

V. Migration-readiness file

VI. Functional test and validation plan

SCOPE BOUNDARY: We can help set up a LIMS, but do not develop software, administer platforms or replace the client's IT team or technical integrator.

External Relations & Coordination

Are suppliers, hospitals and internal teams working from the same requirements?

HOW WE SUPPORT

- Map internal and external stakeholders
- Clarify technical and operational requirements
- Support supplier and service-provider analysis
- Define responsibilities and communication channels
- Structure coordination meetings and decision records
- Establish handover and escalation points

USUAL DELIVERABLES

I. Stakeholder and dependency check-up

II. Supplier requirements or specifications

III. Comparison matrix

IV. Coordination plan

V. Responsibility matrix

VI. Service and maintenance checkpoints

SCOPE BOUNDARY: Final supplier, contractual and technical decisions remain with the client and the relevant qualified specialists.

Critical Scenarios & Continuity

Is the organization prepared to protect samples, data and decisions when normal operations fail?

HOW WE SUPPORT

- Review freezer and temperature-excursion preparedness
- Define alert, escalation and documentation workflows
- Clarify incident decision rights
- Review data integrity, backup and recovery requirements
- Align laboratory, maintenance and IT responsibilities
- Prioritize continuity and recovery actions

USUAL DELIVERABLES

I. Critical-scenario check-up

II. Risk register

III. Contingency and escalation plan

IV. Incident checklists

V. Continuity and recovery roadmap

SCOPE BOUNDARY: We support preparedness and coordination. Emergency maintenance, IT recovery, biosafety validation and specialized intervention remain with qualified providers.

03

Support Across the Biobank Lifecycle

Support adapted to the maturity of the activity

01

Feasibility & Creation

Selected early-stage analysis with specialist partners

02

Operational Setup & Launch

Translate requirements into controlled workflows

03

Operational Improvement

Restore reliability and prepare activities for future use

The precise scope of each phase is determined through the initial operational check-up.

Phase 1 | Feasibility & Creation

LIMITED AND PARTNER-SUPPORTED SCOPE

LSE BioConsult can contribute to selected early-stage questions, including scientific purpose, intended collection use, governance, initial ethical and legal analysis, data requirements, stakeholder mapping and preliminary operational risks.

This phase is not currently our primary area of intervention.

USUAL DELIVERABLES

I. Preliminary feasibility check-up
II. Scientific and operational purpose statement
III. Key decision questions
IV. Stakeholder and dependency map
V. Required partner-expertise list
VI. Initial development roadmap

SCOPE BOUNDARY: No turnkey creation, complete infrastructure delivery, full legal analysis or end-to-end accreditation service.

Phase 2 | Operational Setup & Launch

We support teams in preparing the processes, tools, responsibilities and documentation required to begin operations under controlled conditions.

AREAS OF SUPPORT

- SOP development for reception, preparation, preservation, storage, release and transport
- Equipment, supplier and service-provider analysis
- LIMS requirements definition and data preparation
- Roles, responsibilities and staff training
- Launch-risk assessment, operational controls and decision points

USUAL DELIVERABLES

I. Launch-readiness assessment

II. SOP and documentation plan

III. Supplier evaluation criteria

IV. LIMS-readiness package

V. Training plan

Phase 3 | Operational Improvement

We help existing biobanking activities address historical gaps, reorganize data and documentation, and prepare collections for more reliable scientific use.

AREAS OF SUPPORT

- SOP review, improvement and drafting
- Collection requalification
- Operational alignment with quality standards
- Database and responsibility transfers
- Access governance and data processing
- Catalogue and directory implementation

USUAL DELIVERABLES

I. Operational gap assessment

II. Requalification plan

III. Updated SOP package

IV. Data and transition plan

V. Access workflow

VI. Catalogue

SCOPE BOUNDARY: This support does not constitute a formal audit or guarantee accreditation or certification outcomes.

REFERENCE PROJECT EXAMPLE

A 40-year collection, restructured for research use

1984
Collection begins

2024
Ownership transfer

2026

Inventory
Physical and data reconciliation

Qualification
Biological and data review
Scientific interest
Regulatory and Ethics

Finalization
Sample availability

21,000+
pediatric cancer samples usable for research

DATA TRANSITION

Microsoft Access
Legacy structure

Excel
Cleaning + mapping

Institutional LIMS
Controlled migration readiness

Publication: Requalification and Data Management of Pediatric Biological Samples Collected since 1984: A Case Study from a Neuroblastoma Collection.

DOI 10.1177/19475535261428051

04

Experience & Collaborations

Experience built through work with specialized institutions

Léon Bérard Center

Pasteur Institute

Research Cancer Center of Lyon

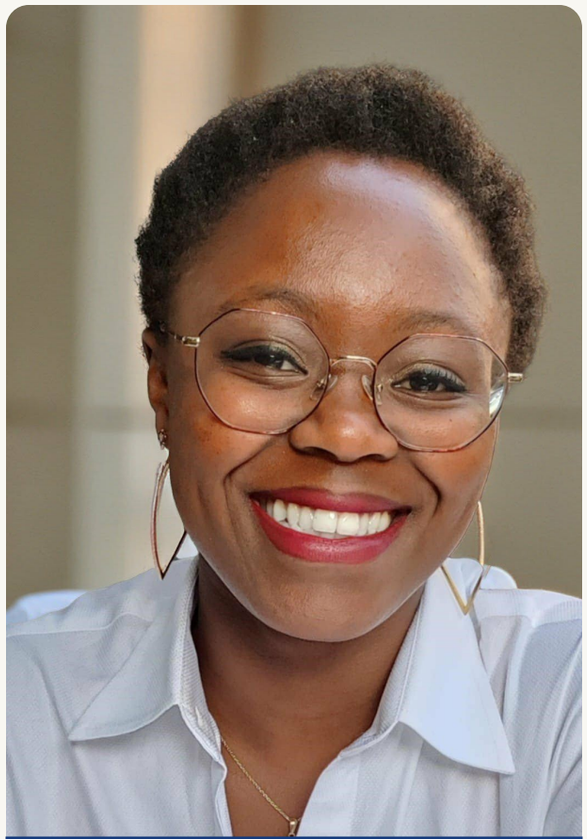
3cR

Biomérieux

Zoologic & Botanical Parc of Mulhouse

Laure Sanvee-Edoh

Founder | Biobank Operations & Biospecimen Data Consultant



Laure@lsebioconsult.com

BIOGRAPHY

Laure founded LSE BioConsult to support research institutions, hospitals, and biotech teams working with biological collections and associated data. Her experience covers legacy-collection requalification, sample-linked data harmonization, LIMS migration preparation, SOPs, ISO 20387-aligned quality practices and operational coordination of ethical and regulatory requirements.

Her role is to translate scientific, quality, data and regulatory requirements into practical operational solutions, while coordinating the stakeholders and expertise required for successful implementation.

CORE EXPERTISE

- Collection requalification
- Biospecimen data quality
- LIMS readiness
- SOPs and lifecycle processes
- Governance coordination

EDUCATION

Master's, Health Engineering & Biobank Management
Catholic University Lyon (ESTBB) & University Claude Bernard Lyon 1

BSc, Biomedical Sciences | Paris Cité

ICH-GCP E6(R2) | 2024

Jules C. Brunet

Business Development Manager

CORE EXPERTISE

- Business development
- Partnership development
- Commercial structuring
- Market-entry support
- Cross-border coordination

EDUCATION

Master's, Management & International Business
Louvain School of Management & National University of Singapore

Bachelor's, Economics & Management
Université Saint-Louis Bruxelles

BIOGRAPHY

Jules supports LSE BioConsult's business development, partnerships and commercial structuring across Europe and Asia. Based in Ho Chi Minh City, he brings experience in client advisory, market-entry support, corporate services and cross-border partner development in Vietnam.

His role is to translate technical project needs into clear engagement scopes, develop institutional partnerships and coordinate access to complementary local or international expertise.

Jules@lsebioconsult.com

CONTACT US

Your collection already holds value.
Let’s make it usable.

Whether you are restoring a legacy collection, preparing a LIMS transition, structuring operations or planning for critical scenarios, the first step is a focused discussion.

We will help define the operational question, identify the necessary expertise and determine whether our collaboration can take your project from assessment to implementation.

VISIT OUR WEBSITE

LSEBioConsult.com

BOOK A MEETING

Book a Meeting

France | Vietnam | Hong Kong | International support

info@lsebioconsult.com
+84 77 377 6958
www.lsebioconsult.com

Vietnam GMT+7
On-site | Remote | Hybrid