

# Setting up biological storage capabilities in Sample Management, Evotec Toulouse

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## Toulouse Sample Management (SM): a new state-of-the-art facility dedicated to biosamples

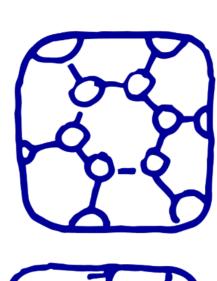
After 25 years of innovative compound management support, Evotec's sample management has expanded its operational presence by adding capacity and capabilities in Toulouse, and now offers the storage of biological material in a dedicated facility to ensure sample security and integrity.

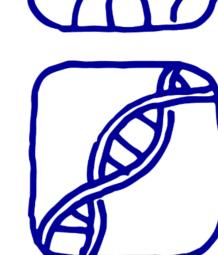


#### Types of biosamples

Evotec offers the storage of a broad range of biosample:

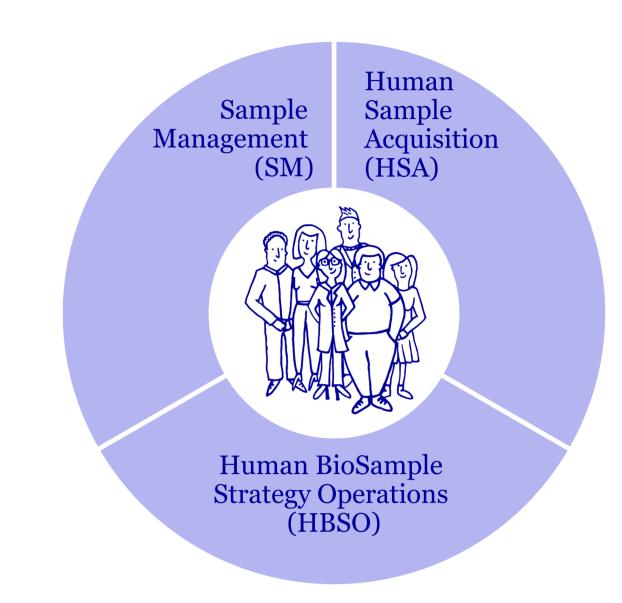
- Human sample (blood, tissue, body fluids, DNA/RNA, an any derivatives which includes cell lines)
- Therapeutic Antibodies
- Oligonucleotides
- Plasmids
- Cell line





#### **Cross-functional team**

The Evotec Sample Management team is uniquely qualified in sample management, with two decades of experience as the world's leading sample management operation. Evotec also has extensive experience in human sample acquisition and handling, driven by two dedicated teams, HSA and HBSO.



### Data management

Evotec currently uses both the industry leading commercial application (Titian Mosaic) for sample management and the human sample database CentraXX (Kairos) to manage, record and report all manipulations of biosamples.



1. Pre-registration with Di-Tool

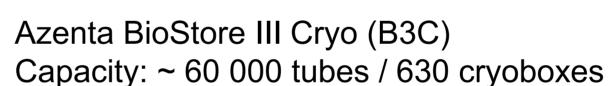
2. CentraXX **Human sample** database

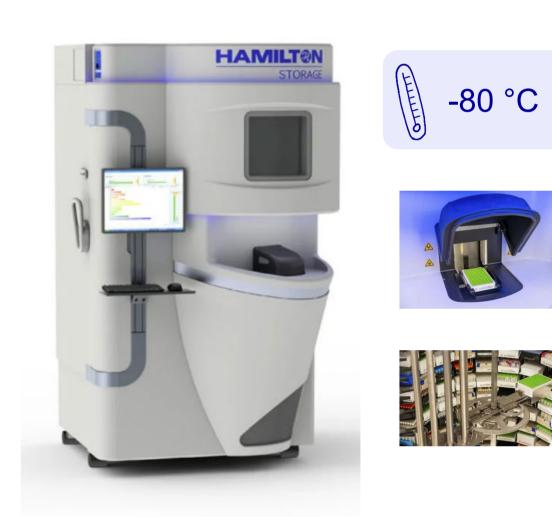
3. MOSAIC Biosample database

## Storage capability

Evotec has invested in semi-automated storage systems and supporting informatics. Storage capabilities support FluidX tubes and cryoboxes at ultra-low temperature of -80°C and -196°C.







Hamilton SAM HD Capacity: ~ 34 000 Azenta FluidX tubes (from 0.5 to 1.9 mL)

#### **BSL2+ laboratory**

A brand-new biosafety level L2+ laboratory was built by applying industry leading practices to maintain maximum efficiency in its daily operations, whilst evolving with our client's needs of the future. Our laboratory is fully equipped for biosample handling, management and storage in compliance with Standard Operative Procedure, and with legal regulations for human samples.



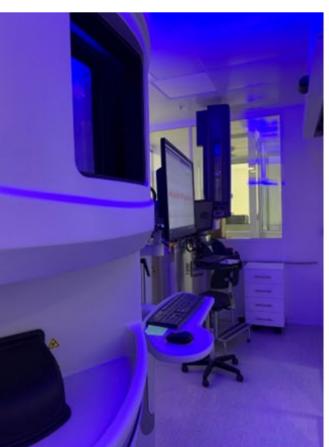
Hamilton Microlab star automated liquid handling system



2 biosafety cabinets



Liquid N<sub>2</sub> filling station + 2 cryopods









Restricted access







SOP

## Workflow of biosample reception, storage and delivery

Our company has well-defined and documented quality procedures to ensure full traceability of biosamples and associated data. Each biosample is registered in our database. After a thorough quality control check upon reception, the biosamples are placed in appropriate barcoded containers (e.g., Azenta FluidX tubes or Azenta cryoboxes) and stored in a secure semi-automated facility for long-term storage. Inventory and ordering are managed by our Titian MOSAIC application. With a unique barcode assigned to each tube and cryobox, we can monitor the status of each container at every stage of the process, from arrival to dispatch.



