Integrated Collections for Adaptative Research in Biomedicine

ICAReB-Biobank: human biospecimen management up to your needs

**Request management**
Assessment of your needs and feasibility
- Cost estimation: yours and ours
- Selection of the biospecimen type and associated data
- Timeline of acquisition and distribution
- Sample preparation: Standard Operational Procedures (SOP) or Tailored Operational Procedures
- Storage conditions
- Specific criteria
All of these aspects are confirmed with you before the beginning of the collection

**Preservation**
Wide range of temperatures
- Storage at: +4°C; -20°C; -80°C; -196°C (liquid nitrogen)
- Monitoring of thermostatic chambers
- Backup of collections
- Metrology (mapping, calibration, drift studies)

**Distribution**
What you need where and when you want
- Choose the distribution format of samples: tubes or plates
- Another team needs to do other analysis on the same samples? We can duplicate or more!
- Quality control before delivery
- Control of logistics*: coordination with the consignee, transport temperature, packaging
*in connection with IMPEX in case of external shipments

**Acquisition**
Internal and external biospecimen sourcing
- Collection: reception of biological specimens, collected internally or externally at the Institut Pasteur (collaborative sites)
- Long term hosting of existing collections (upon unit or project closure)
- QC for sample and data integrity and compliance to applicable regulations
- Control of pre-analytical parameters according to your defined criteria such as: transport temperature or transport delay

**Preparation**
Standardized or tailored
- Choose our SOPs for sample preparation (validated processing methods)
- Or define with us your own procedures if you have specific criteria
- TECAN EVO200: multi-functional robotic platform for large scale and high throughput applications
- At the moment, working in up to P2+ conditions

**About us**
Located 1st floor Pasteur BioTop (12)
- Our team is only dedicated to human biobanking and we mostly work with Pasteurian Research Units and some industrial partners
- We currently store more than 200k samples
- Solicited for 80 requests last year
- We delivered more than 30k samples last year
- We are involved in about ten publications each year
- Our goal is accreditation to ISO20387
- Quality of our services and your satisfaction is our concern
- We are part of the CRBIP: check out other collections!