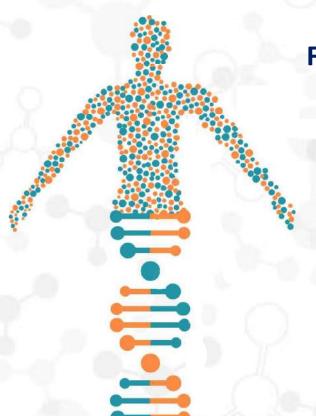
E) ACOBIOM

Omics Services

A unique expertise associated with more than 20 years experience



From Sample to Patient Stratification

For any Field of Investigation

- **Drug exposure** and **clinical response** variability
- Risk for adverse events
- Genotype-specific dosing
- Mechanisms of drug action
- Polymorphic drug target and disposition genes
- **Trial design** features
- Cells, tissues, liquid biopsies

ACOBIOM provides a unique technical and scientific expertise associated with more than 20 years experience













Design

Discovery

Validation

Device

Study Design

Methodology

Patient number Control choice Proper replicate

Sampling Storage & Transport

One-day FastTrack

NGS Sequencing

DNA/RNA Extraction Sample Qualification

Data Analysis Secured Data Transfer

Sample Storage **Data Storage**

Real time qPCR

DNA/RNA Extraction Sample Qualification

Data Analysis Secured Data Transfer

Analytical and Clinical Performances

Pre-Commercial Procurement

Data Protection Patentable Biomarkers

Protocol Redaction Health Authorities & **GDPR** Compliant

IVD Prototype IVD Production - CE-mark

Expertise & Services

Analyses of Omics Data and Selection of relevant Biomarkers

Transcriptomics - Gene expression

- RNA-seq
- qRT-PCR
- Small RNA, miRNA, coding and non coding RNA analyses

Sequencing - NGS

- Whole Human Genome Sequencing
- De Novo Sequencing
- Targeted Resequencing
- SNPs analysis
- ChIP-seq analysis
- EST library construction

Bioinformatics - Biostatistics

- Treatment and analysis of transcriptomic data
- Biostatistical analyses through customized algorithms
- In-silico investigations for target and biomarker discovery
- Biomarker validation through MaRS, ACOBIOM's proprietary database containing 21,000 human RNA-Seq

ACOBIOM produces and analyzes Omics Data to select relevant Biomarkers thanks to its powerful technology platform.

Hence, the company can answer to any demand concerning:

- Genomics
- Transcriptomics
- **Gene Expression**
- Sequencing / NGS
- Bioinformatics
- Biostatistics
- Omics Data analyses

ACOBIOM produces and analyzes **Omics Data** to select relevant **Biomarkers**thanks to its powerful technology platform

based on:

- A molecular biology laboratory,
- Sequencing tools and qPCR devices,
- A range of selected bioinformatics tools and customized statistical algorithms.



Phone: +33 (0)467 419 748

Email: busdev@acobiom.com

Web: www.acobiom.com

Address: 1682 rue de la Valsière - CS77394

Cap Delta – Biopôle Euromedecine II 34184 Montpellier Cedex 4 - France