

PRECISION MEDICINE UNIT

DESCRIPTION OF THE UNIT

“Vanguard technology at the service of the research”

Our mission is to impulse, promote and execute a quality translational research offering support in molecular biology as in computing technologies to the scientific community.

We offer the following R&D services:

Next Generation Sequencing:

- Design, development, validation and sequencing of custom gene panels
- Exome sequencing and analysis
- Whole-genome sequencing
- Sequencing small genomes *de novo*.
- RNA-sequencing (total RNA, poly(A) fraction, rRNA depleted...)
- Microtranscriptome sequencing (smallRNA, miRNA, ...)

Microarrays:

- Genotyping arrays (laboratory + analysis)
- Methylation arrays (laboratory + analysis)

Digital PCR

NanoString Platform

Other molecular biology techniques:

- Nucleic acid isolation
- Uniplex and multiplex PCR
- qPCR

MARKET APPLICATION SECTORS

Pharmaceutical and biotechnological industry, research centers and academia.

UNIT RESOURCES

- Two massive sequencers with illumina chemistry: MiSeq and NextSeq550.
- HiScan System to scan illumina microarrays.
- nanoString platform.
- Biorad ddPCR.
- Quantitative thermalcycler.
- Standard thermalcycler.
- Qiaxcel system to visualize DNA and RNA.
- Laminar cabins, centrifuges, heat blocks, ovens, etc.
- High capacity computing servers.
- Redundant storage system.

COLABORATION SOUGHT

Scientific services by contract research.

CONTACT

INCLIVA Innovation Unit
innovacion@incliva.es