



# ADVANCE (CAT)

Accelerating Development of Advanced Therapies in Catalonia

**ADVANCE(CAT)** consolidates and coordinates the scientific and technological resources to support all projects of Cell Therapy, Gene Therapy and Tissue Engineering and to accelerate the translation to the clinic and/or industrial exploitation.

**ADVANCE(CAT)** is an accelerator of Advanced Therapies for research centers, hospitals and biotech companies.



### CELL THERAPY

We impulse the clinical use and industrial exploitation of both somatic and pluripotent cells



### IMMUNOTHERAPY

We develop immunomodulation strategies, from cell vaccines to CAR T cells.



### INFORMATICS AND MACHINERY

We speed up discoveries through exploratory data analysis and facilitate production by automatizing processes.



### GENE THERAPY

We potentiate GMP production, scale-up and bank characterization for viruses.



### TISSUE ENGINEERING

We generate new tissues combining cells with natural and artificial scaffolds.



### EXPLOITATION

We study markets, regulatory concerns and tech transfer possibilities to make sure inventions can be converted into products.



In collaboration with:

