

# In Vitro



High-Quality *in vitro* assays  
for the screening and evaluation  
of your compounds





# In Vitro

OUR SPECIALTY: BONE AND JOINT CELLS



A wide variety of primary cells and cell lines available for the *in vitro* analysis of your compounds

- **Screening** of potential compounds
- **Characterization** of the therapeutic effect of your compounds
- **Evaluation** of the physiological function of your compounds

## APPLICATIONS FOR HEALTH CARE, FOOD AND COSMETIC INDUSTRIES

Drug candidates, nutraceuticals, biomaterials, natural products, formulations and more.

## PRIMARY CELLS AND CELL LINES FROM HUMAN AND ANIMAL ORIGIN

Chondrocytes, Osteoclasts, Osteoblasts and more.

Tumor cell lines and primary cultures.

## IN VITRO ANALYSIS

- **Cytotoxicity** assays – **Toxicological** assays.
  - **Cell differentiation** and **proliferation** analyses.
  - **Anti-inflammatory potential**
  - **Cell viability**
  - Effect on **cell cycle** : delays, cytostatic response.
  - **Phenotypic** analyses ; qPCR, RT-PCR, Flow Cytometry.
  - **Functional** analyses ; Bone mineralization, Bone resorption, Measurement of enzymatic activities, Measurement of cytokine release, Measurement of protein expression.
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