

PROOF OF CONCEPT

Context and objective of the Proof of Concept program

The Cancer Cluster CLARA (Canceropole CLARA) has launched a call for proposals in the cancer research field, with a mandatory cooperation between academic and industrial teams.

This call will fund applied biological and biomedical research and aims to promote **knowledge and technology transfer between academic and industrial partners** in the cancer field. The purpose of the proposal is to validate the **Proof of Concept** of a tool, service or product, at a preclinical or early clinical stage, for cancer patient care and/or well-being.

The projects could concern the discovery, development or optimization of:

- Cancer **prevention**
- Cancer **diagnosis** (validation of biomarkers for prognostic or diagnostic use, medical imaging...)
- Cancer **therapy** (drugs, vaccines, surgical devices, drug delivery, biosensors...).
- **Patients'** quality of life (reduction of treatments' toxicity and/ or side effects...)

The technological approaches may involve biotechnologies as well as medical technologies and digital technologies.

Key words

Biotechnologies, cancer, collaborative research, diagnosis, digital technologies, preclinical proof of concept, early phase clinical trials, economic development, medical technologies, patient's quality of life, prevention, technology transfer, therapy, tools for research.