



| Service platform |

Experimental Irradiator

FIELD OF ACTIVITY

- Irradiation of biological material:
 - Fundamental studies of the damage caused by gamma radiation.
 - Transplantation strategies for regeneration of damaged tissue.
 - Evaluation of the use of stem cells in cell therapy.
 - Preparation of feeder cell layers for stem cell culture.
 - Development and implementation of gene therapy protocols.
 - Identification of mechanisms in radiation-induced cancer.
 - Development and design of appropriate new radiotherapy protocols.
- Irradiation of non-biological material.

Host laboratory Laboratory for the Genomics and Radiobiology of Keratinopoiesis

Supervisory body CEA

Funding bodies CEA - CRIF - Genopole®

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EQUIPMENT/FACILITIES

// IIBL 637 medical gamma-ray irradiator (caesium-137 source).

ACCESS PROCEDURE

The irradiator may be accessed by all members of the Genopole's public- and private-sector scientific community.

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