



EUROPEAN UNION



ROMANIAN GOVERNMENT



Structural Funds
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Centre for Gene and Cellular Therapies in the Treatment of Cancer – ONCOGEN
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ONCOGEN
Centre for Gene
and Cellular Therapies
in the Treatment of Cancer

PROJECT IMPACT

Application of competitive and minimum risk gene therapies **will significantly impact on the public health system** by reorganising the therapeutic strategy and implicitly the allotted funds, and by promotion of therapeutic innovation as effective social and economical solution in cancer management.

Attracting national and international funds towards the support of frontier research in oncologic therapeutics, with a view to involve the biotechnologies in the future, will also contribute on the long term to the:

- **reduction of total costs in the public health area,**
- **improvement of population health status and**
- **promotion of economic competitiveness between interested biotechnology producers,** which addresses the concept of sustainable development in the West Region.

The Centre will ensure the **rapid and coherent transfer of research results into clinical practice,** which will make it **unique in Romania** and Eastern Europe. The Centre will therefore help to reduce the gap between Romanian and EU research systems.



Results:

- **15 new research laboratories** will be created within the Centre and will be endowed with top basic research equipments, which will create the basis for European level research.
- **Top clinical research equipment** endowment will support the interdisciplinary research and the **translation of results from basic to applicative research, as well as the technology transfer.**
- **15 new work places for researchers will be created and 10 research posts will be maintained,** which will contribute to avoiding the brain drain.
- **Development of advanced therapies:** immune therapies with dendritic cells, NK cells or cytotoxic lymphocytes.
- **Integration of the centre in the European networks involved in cancer research,** with positive social and economical impact, by better management of health care system resources and through early social reinsertion of patients.