





Partnerships for knowledge transfer in the field of polymer materials used in biomedical engineering POINGBIO

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- Total budget 15.840.978,25 RON

Project co-financed by the European Regional Development Fund by the Competitiveness Operational Programme 2014–2020







OBJECTIVE

to increase economic competitiveness of the enterprises in 2016-2020 by knowledge transfer aimed at scientific and technological expertise in the design and development of multifunctional polymer systems that can stimulate a specific biological response and enabling adherence and proliferation of a particular cell type, depending on the tissue to be treated .







POINGBIO project contributes significantly to the objectives undertaken by Romania in 2014-2020 POC (Competitiveness Operational Programme), facilitating the use of eco - nano- technology by transfer of scientific knowledge and technical means to top fields in biomedical science, so that interested economic partners with the POINGBIO team can conceive or improve technologies for high performance, non-polluting, long-lived, with scientific and economic importance for the production of advanced materials







Project implementation stages

Stage I

- Establish the coordinates of scientific and technical knowledge transfer
- Estimate the possibilities of collaboration with partners from industry in order to establish the need of innovation in the field of biomedical engineering.

Stage II

Transfer of knowledge to industry:

- Access of industry to facilities, installations, equipment of the institut
- Transfer of skills /competencies and support innovation research and development
- Research and development in effective collaboration with industry

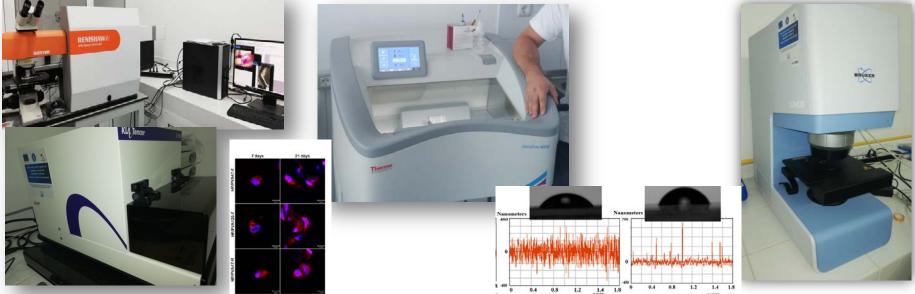


















Centrul Medical Domenico Iasi



- Sanimed International Impex Bucharest
- Polymer Adhesive Tapes Bucharest
- Intelectro lasi
- All Green lasi





Apel Laser Bucharest





- **2 contracts type B**. Access of SMEs to facilities, installations, equipment;
- ■1 contract type C. Activities of skills transfer/ competencies and innovation support RD;
- ***8 contracts type D.** Research and Development in effective collaboration
- ■TRL level 5–6







Other expected results:

40 papers published in collaboration with SMEs; **4 patents** in collaboration with SMEs; **1 new research position** in the project











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Thank You!

