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| **Project information** |
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| **CALL FOR PROPOSALS** | 1st  |
| **Priority:** | 2 Social and economic development |
| **Specific objective:** | 2.2 Ensuring equal access to health care and fostering resilience of health systems, including primary care, and promoting the transition from institutional to family and community-based care |
| **Jems Code:** | RORS00040 |
| **Project title:** | **Cross-border cooperation to foster the resilience of clinical management in cancer patients by establishing best practices in personalized molecular-based diagnostics, treatment, and long-term care** |
| **Acronym:** | CROSSCARE |
| **Duration[[1]](#footnote-1):** | 28.11.2024 – 27.11.2026 (24 months)  |
| **Interreg IPA****contracted funds:** | **€ 1.558.289,27** |
| **TOTAL contracted funds:** | **€ 1.833.281,50** |
| **Absorption rate (%)[[2]](#footnote-2):** | **%** (The rate will be updated after the final project report is approved.) |
| **Project overall objective(s):** | To foster cooperation in Oncology in the cross-border region, with a focus on diagnostics and training, thus improving healthcare services to the benefit of oncologic patients’ survival, life span and quality.New medical equipment, new joint procedures, know-how exchanges, and training will enable the partners to set up a map of cancer genetic profile in the region and create a joint strategy for tackling cancer threats, benefiting the health systems in both countries. |
| **Short description:** | CROSSCARE aims to improve healthcare effectiveness in the cross-border region by enhancing cancer diagnosis and treatment, ultimately reducing mortality and improving patient outcomes. The project focuses on strengthening healthcare systems, particularly in the management of life-threatening conditions such as cancer, which remains a major health challenge in both countries.Through the purchase of advanced medical equipment and the expansion of the Expert System Software developed in the RORS-193 project (financed under the Interreg-IPA CBC Romania-Serbia Programme 2014-2020), CROSSCARE will facilitate the collection of tumour and cell samples from cancer patients, enabling precise genetic and immunophenotypic testing. This will allow oncologists to tailor personalised treatment plans, improving survival rates, life expectancy, and overall quality of life for patients.A key objective of the project is to establish guidelines and implement precision diagnostic procedures and personalised therapies for oncology patients in the cross-border region. Advanced diagnostic methods such as Next-Generation Sequencing (NGS), flow cytometry, qRT-PCR, and cytotoxicity assays will be used to ensure accurate diagnoses for 300 patients. Surgical treatment will be conducted in state-of-the-art facilities, and all data will be processed by algorithm-based Expert System Software to provide tailored therapeutic recommendations for solid tumours.Throughout the project, patients will directly benefit from investments in both partner institutions, and the findings will be incorporated into a study submitted to the Romanian and Serbian Ministries of Health. Additionally, new joint procedures for sample collection, transport, and analysis will be developed and made available to healthcare institutions in both countries.Most project activities will be implemented collaboratively, including surgical procedures, sample collection, transport, genetic and immunophenotypic testing, data analysis, and the delivery of diagnostic reports to patients. The innovative approach of CROSSCARE will provide new insights into the genetic causes of cancer in the region, potentially transforming medical practices and influencing future healthcare policies on precision diagnostics and treatment in both Romania and Serbia. |
| **Concrete results achieved by the project:** | (The results will be updated after the final project report is approved.)  |

|  | **NAME** | **COUNTRY** | **COUNTY/DISTRICT** | **BUDGET (EURO)** | **CONTACT DETAILS** |
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| **LEAD PARTNER:** | Emergency Clinical County Hospital Pius Brinzeu Timisoara | Romania | Timis | 1.130.298,73 | 156 Liviu Rebreanu Street, Timisoarae-mail: carmen.pitic@umft.ro, judetean@hosptm.ro <https://www.hosptm.ro//> |
| **PARTNER 2:** | General Hospital ”Djordje Joanovic” Zrenjanin | Serbia | Central Banat | 702.982,77 | 5 Dr. Vase Savica Street, Zrenjanine-mail: kunkinbre@gmail.com, zrenjaninska.bolnica@gmial.com [https://bolnica.org.rs/](https://www.spitaluljudeteanresita.ro/) |

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1. the implementation period (including extensions) [↑](#footnote-ref-1)
2. total funds spent/total funds contracted \*100 [↑](#footnote-ref-2)