

Partners:

Project title

Promoters of advanced oncogenetics open online training and multimedia raise awareness on multidisciplinary assessment of patients and their families at risk of hereditary or familial cancer

Project Acronym

HOPE – How Oncogenetics Predicts & Educates

Ref. no.

2018-1-RO01-KA202-049189

Programme

Erasmus+

Action

Strategic Partnerships for vocational education and training

P1. UNIVERSITATEA DE MEDICINĂ ȘI FARMACIE GRIGORE T. POPA IAȘI (România) - www.umfiasi.ro

P2. FUNDAȚIA EUROED, Iași (România) - www.euroed.ro

P3. Centre Jean PERRIN, Clermont Ferrand (France) - www.cjp.fr

P4. Medical University - Plovdiv, Plovdiv (Bulgaria) - www.mu-plovdiv.bg

P5. University of Szeged, Szeged (Hungary) - www.u-szeged.hu

P6. Asociația ROHEALTH – Clusterul pentru sănătate, Bucharest (România) - www.rohealth.ro

P7. GREENSOFT, Iași (România) - www.greensoft.com.ro



How Oncogenetics Predicts & Educates



Co-funded by
Erasmus+ Program
of the European Union

“This document has been prepared for the European Commission however it reflects the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein.”





What does oncogenetics means?

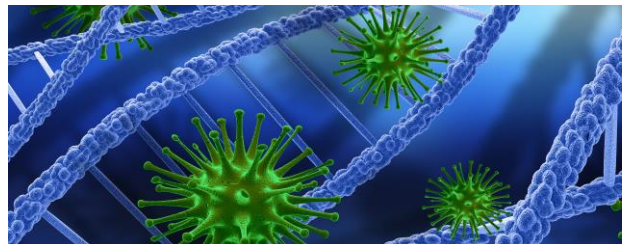
Oncogenetics is a new discipline expanding very rapidly and depending on advances in understanding genes associated with inherited susceptibility to common adult malignancies.

Through guided decisions, the implementation of evidence-based prevention strategies will lead to considerable improvements in clinical decisions and outcomes. In order to move towards this predictive system, it is essential to raise awareness of those vulnerable people and to empower them.

Evolution

This new medical activity of oncogenetics developed in the early 1990s, with the discovery of major cancer predisposing genes (such as BRCA1 and BRCA2 for breast cancer, or MMR genes involved in colon cancer).

The effectiveness of oncogenetics has been demonstrated in the Western world for more than 5 years, in terms of cancer incidence and prognosis, especially in patients with breast, ovarian or colon cancer. It allows the stratification of cancer risk, offers the possibility of genetic testing and customized risk reduction solutions. In terms of prevention, oncogenetics has become in recent years in Western countries a major economic solution in health systems.



Latest news in oncogenetics

Ovarian Cancer: Potential Therapeutic Target Identified - A gene called DOT1L appears to play a role in progression and severity of ovarian cancer, and inhibitors of the DOT1L enzyme may offer a new therapeutic approach for the disease.

According to the research, DOT1L promotes ovarian cancer tumor growth by stimulating pro-tumorigenic metabolic pathways and blocking the programmed cell death called apoptosis.

