

*Every day, worldwide, millions of people fight a battle against cancer, undergoing devastating therapies that hugely impact on their quality of life.*

*Over the next 2 decades, the number of new cases is expected to rise by about 70% (WHO, 2017).*

*Oncogenetics can contribute to change this future scenario, addressing those people for which prevention is still possible and the disease's onset avoidable.*



## CONTACTS

 [www.hope.projects.umfiasi.ro](http://www.hope.projects.umfiasi.ro)

 [@hopeerasmusproject](https://www.facebook.com/hopeerasmusproject)

*"The European Commission support for the production of this publication does not constitute an endorsement of the contents which 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."*

## PARTNERSHIP

Applicant Organisation:  
**GRIGORE T. POPA**  
UNIVERSITY OF MEDICINE AND PHARMACY  
(Romania)  
[www.umfiasi.ro](http://www.umfiasi.ro)

### PARTNERS:

EUROED FOUNDATION, Iasi (Romania) - [www.euroed.ro](http://www.euroed.ro)  
Centre Jean PERRIN, Clermont Ferrand (France) - [www.cjp.fr](http://www.cjp.fr)  
Medical University-Plovdiv, Plovdiv (Bulgaria) - [www.mu-plovdiv.bg](http://www.mu-plovdiv.bg)  
University of Szeged (USZ), Szeged (Hungary) - [www.u-szeged.hu](http://www.u-szeged.hu)  
ROHEALTH Association - Cluster for health,  
Bucharest (Romania) - [www.rohealth.ro](http://www.rohealth.ro)  
GREENSOFT, Iasi (Romania) - [www.greensoft.com.ro](http://www.greensoft.com.ro)



Co-funded by the  
Erasmus+ Programme  
of the European Union

# Hope

## HOW ONCOGENETICS PREDICTS & EDUCATES

<https://hope.projects.umfiasi.ro/>

## ERASMUS+ PROGRAMME

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

Ref. no.: 2018-1-RO01-KA202-049189



# Hope

## HOW ONCOGENETICS PREDICTS & EDUCATES

*Worldwide the number of cancer cases is 14.1 million of which 1.7 million cases of breast cancer, 1.4 million colorectal cancer and 238.719 ovarian cancer.*

*Cancer is the second leading cause of death with 8.8 million deaths registered in 2015 (1 in 6 people die of cancer).*

### AIM OF THE PROJECT

Oncogenetics, in progressive expansion, is focused on understanding and monitoring the genetic predispositions of persons at risk, because of mutations or family histories of cancer.

Through guided professional 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.

On this basis, it will be possible to facilitate an appropriate checking and an early detection of prodromes, as well as the modification of harmful habits and behaviours.

The focus of the project is to raise awareness on the importance of the existence and expansion of oncogenetics, as a discipline depending on advances in understanding genes associated with inherited susceptibility to common adult malignancies.

### TARGET GROUP OF THE PROJECT

- Medical specialists: specialist in oncogenetics, oncogenetics adviser, psychologist, oncologist, gynecologist, epidemiologist, geneticist, surgeon, specialist in molecular biology, bioethics specialist and medical management
- Patients and their families at risk of hereditary or familial cancer
- Medical institutions
- Lecturers in medicine (Medical Universities)
- Educational centres
- Public at large

### ACTIONS AND RESULTS

- **Mapping research** on situation/ strategies/ support institutions and specialists/best practices of the genetic consultancy/ oncogenetics at Central and East European level
- **Profile of the specialists of the multidisciplinary consulting group in oncogenetics**
- **Training guide** for advanced high-specialized intervention in oncogenetics
- **Open Online Course on Oncogenetics**
- **HOPE Mobile APP** (iOS & Android) – predict & keep informed on the risk of cancer
- **Chart on Oncogenetics standards and procedures** for medical institutions
- **Multimedia guides, informative and multimedia materials to raise awareness of patients and families** with a history of hereditary or familiar cancer on the importance of undergoing risk assessment through appropriate procedures
- **Multiplier events** in 4 countries: New frontiers in dealing with cancer - HOPE - How Oncogenetics Predicts & Educates
- **International trainings with medical specialists** on advanced oncogenetics

**From a past of illness  
towards a future of health**