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## **Distance Training on Oncogenomics for Health Professionals**

**8<sup>th</sup> April 2021 - 13<sup>th</sup> December 2021**

organised by

ISTITUTO SUPERIORE DI SANITÀ – Rome, IT  
Department of Oncology and Molecular Medicine and Training Service

in collaboration with

UNIVERSITÀ CATTOLICA DEL SACRO CUORE  
Public Health Institute – Rome, IT

**N° ID: 165F21**

### **Introduction**

European Distant Training on fundamental principles of genetics and present applications of genomics in oncology. The training is primarily addressed to physicians of all specialties (either general practitioners or other specialists) and is based on a core curriculum of competencies specifically identified by an international panel of experts through a *Delphi* consensus process. The course is held in English to facilitate its dissemination and use across Europe.

The Distant Training has been developed in the framework of the current European Joint Action on Cancer iPAAC (*Innovative Partnership for Action Against Cancer*) an initiative co-financed by the European Commission involving 24 European countries. The general scope of iPAAC is to develop innovative approaches to advance cancer control and to foster their implementation in regional and national health policies. Developing and piloting e-learning tools on oncogenomics for healthcare professionals is part of the iPAAC Work Package 6 activities.

### **General scope and learning objectives**

The course is aimed at improving *knowledge, attitude, and practice* of physicians on the fundamental principles of genetics and on the major clinical applications of genomic technologies in oncology, based on the most recent scientific evidence. The learning objectives rely on core competencies identified by an international panel of experts. Curricula in three domains, i.e., theoretical knowledge, attitudes, and practical skills (abilities), were first identified through a systematic review of the scientific literature. A subsequent *Delphi* consensus process was applied to select priorities and define the final core curriculum<sup>1</sup>.

### **Continuing Medical Education (CME) objective**

1. Application of Evidence Based Practice (EBM, EBN, EBP) principles and procedures to everyday practice.

### **Learning and delivery method**

The learning method, inspired by the *Problem-Based Learning* (PBL) educational method, encourages participants to identify their learning goals by analysing and solving a problem linked to their professional setting.

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<sup>1</sup> Hoxhaj, I., Tognetto, A., Acampora, A. *et al.* Core Competencies in Cancer Genomics for Healthcare Professionals: Results From a Systematic Literature Review and a Delphi Process. *J Canc Educ* (2021). <https://doi.org/10.1007/s13187-021-01956-w>



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The following learning resources are provided: problem and its solution, short video lessons (PowerPoint slides with a voice-over), supplementary readings and learning materials. The distance training will be delivered through the platform [www.eduiss.it](http://www.eduiss.it)

### Structure of the Training

The e-learning module includes:

- an introduction explaining relevance, general aims and structure;
- learning objectives;
- number of learning units: **1**.

The **learning unit** includes:

- an introduction presenting the general content of the unit;
- the specific learning objectives;
- the problem, based on a realistic scenario relevant to the course's contents, to activate learning process and application of the skills achieved;
- supplementary materials to be used by participants for in-depth analysis and further research, including relevant bibliographic references and website addresses;
- reading materials (scientific papers, reports, legal references, etc.) with useful tips for solving the problem;
- teachers' tutorials (video lessons) presenting the main topics of the learning unit;
- a hypothetical solution to the problem.

Other resources available to participants include:

- a news board with updates about the course's delivery;
- a user guide;
- a FAQ section (Frequently Asked Questions).

The estimated course length is **16 hours**.

The distance training course will be available **from 8<sup>th</sup> April to 13<sup>th</sup> December 2021**.

### Training Evaluation

The final test for all attendees is based on a multiple-choice questionnaire, successfully passed on a 75% basis of correct responses.

The learning credits provided by the course are compliant with the Italian accreditation system for Continuing Medical Education (CME credits). Foreign attendees will earn a Certificate that includes CME credits and training hours, that will be converted according to the accreditation system of their countries.

For accreditation purposes, the final test can be attempted no more than three times.

Besides that, participants are requested to complete the following mandatory tests:

- **pre-training test:** to assess the initial knowledge. It is a compulsory test, but a negative result will not affect participation.
- **post-training test:** self- assessment of the skills improved after training. It aims to identify, review, and improve personal learning goals.

At the end of the course, all attendees should complete a “Satisfaction survey”. Those who request CME credits are also requested to fill in a “CME Quality Assessment questionnaire”.



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## Faculty

- **Paola GHIORZO**, University of Genova and IRCCS Ospedale Policlinico San Martino, Genova, IT
- **Maurizio GENUARDI**, Institute of Genomic Medicine, Catholic University of the Sacred Heart, Rome, IT
- **Giuseppe NOVELLI**, Department of Biomedicine and Prevention, University of Rome Tor Vergata, Rome, IT

## Scientific Coordinators

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## Scientific Secretariat

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## Scientific Secretariat, e-learning methods, and technologies

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Serenella VENANZI, Mariangela FONTANA, Dept. Oncology and Molecular Medicine, ISS

Roberta D'ANGELO, Laura SELLAN, Silvia STACCHINI, Training Service, ISS

## Attendance

The course is mainly intended for Physicians and Medical Doctors of all specialties (general practitioners and other specialists) and is open to other health care professionals (Biologists).

**Maximum 10.000 attendees.**

**Italian CME credits will be issued for the following professionals:** Medical Doctors (all specialties), Biologists.

## Registration

Non Italian applicants involved in the iPAAC initiative will receive email instructions to access the course.

Italian applicants should register at <https://www.eduiss.it>

The registration procedure includes two steps:

- 1) creating a personal account on the web platform <https://www.eduiss.it>

**ATTENTION: creating an account does not mean registering.**

- 2) completing registration by selecting amongst available courses the title of the specific one "Oncogenomics for Health Professionals".

A registration guide in Italian is available at <https://www.eduiss.it/mod/page/view.php?id=557>.

**Registration is open from 8<sup>th</sup> April to 6<sup>th</sup> December 2021.**



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**For more information about specific contents of the training course, please write to:**  
[ScientSecretariat.Oncogenomics@iss.it](mailto:ScientSecretariat.Oncogenomics@iss.it)

**For technical and methodological issues, please write to:** [formazione.fad@iss.it](mailto:formazione.fad@iss.it)