

CLINICAL GENOMICS & NGS

37th Course jointly organized by ESHG and CeUB

Bertinoro (Italy) • May 4-9, 2025

University Residential Centre of Bertinoro

TARGET AUDIENCE: This course is for those young professionals in Clinical and Medical genetics who want to learn about Clinical Genomics in the era of NGS. The course is based on the experience established by the European School of Genetic Medicine (ESGM) since 1988 with its 29 yearly courses in Medical Genetics and more recently with its NGS courses, which are now merged. Starting from the basic notions of medical genetics and bioinformatics covered during the first two days, the course will offer a more specialized training in the following four days, designed for young clinicians and clinical laboratory specialists (in training) and for PhD or postdoc trainee scientists. Morning plenary lectures are followed by afternoon workshops conducted by 1-2 Faculty with groups of 15-25 students, for more in-depth discussion of the morning's topics. Bioinformatic workshops (choice of basic and advanced) are taught using computers and databases. Clinically-oriented workshops will use an interactive discussion format.

All participants are encouraged to present a **POSTER**. All abstracts will be accepted.

TOPICS

DAY 1 (Sun, May 4th):
Medical Genetics concepts
and principles

DAY 2 (Mon, May 5th):
Basics of NGS for Mendelian disorders

DAY 3 (Tue, May 6th):
Novel disease mechanisms and therapy

DAY 4 (Wed, May 7th):
Cancer and Cell-free DNA

DAY 5 (Thu, May 8th):
New Technologies and Big Data

DAY 6 (Fri, May 9th):
Highlights of the 2025 course



REGISTRATION FEE FOR THE ENTIRE COURSE:

€ 950,00 - It includes:
tuition, course material, coffee breaks,
all meals and transportation from
Bologna to the course venue and back.

ACCOMMODATION:

€ 39,00 per night.
Bed and breakfast in double room at
the course venue or in nearby hotels.
Single rooms are subject to availability.

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2024 • BERTINORO - CLINICAL GENOMICS & NGS

For updates, program, registration and info visit:
<https://www.ceub.it/events/event/clinical-genomics-and-ngs-7/>

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