

CLINICAL GENOMICS & NGS

34th Course jointly organized by ESHG and CeUB

Bertinoro (Italy) • May 8-13, 2022
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 8th):
Medical genetics concepts and principles

DAY 2 (Mon, May 9th):
Basics of NGS for Mendelian disorders

DAY 3 (Tue, May 10th):
Therapy and prenatal diagnostics in the NGS era

DAY 4 (Wed, May 11st):
Complex mechanisms of disease

DAY 5 (Thu, May 12nd):
Novel NGS applications

DAY 6 (Fri, May 13th):
Large scale NGS



REGISTRATION FEE FOR THE ENTIRE COURSE:

€ 870,00 - It includes:
tuition, course material, coffee breaks, all meals and transportation from Bologna to the course venue and back.

ACCOMMODATION:

€ 45,00 per night.
Bed and breakfast in single room at the course venue or in nearby hotels.

Maximum number of admitted participants: 50

REGISTRATION FEE FOR THE VIRTUAL COURSE:

€ 50,00 - It includes:
pre-recorded talks one week before the course starts. Live Q&A via zoom at the end of each session.

For info: bertinoro-course@eshg.org



2019 • BERTINORO – CLINICAL GENOMICS & NGS

For updates, program, registration and info visit: www.ceub.it
For info and registration to the virtual course visit: <https://www.eshg.org/index.php?id=bertinoro0>

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