

CLINICAL GENOMICS & NGS

35th Course jointly organized by ESHG and CeUB

Bertinoro (Italy) • May 7-12, 2023
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 7th):
Medical genetics concepts and principles

DAY 2 (Mon, May 8th):
Basics of NGS for Mendelian disorders

DAY 3 (Tue, May 9th):
Therapy and prenatal diagnostics in the NGS era

DAY 4 (Wed, May 10th):
Complex mechanisms of disease

DAY 5 (Thu, May 11st):
Novel NGS applications

DAY 6 (Fri, May 12nd):
Large scale NGS



REGISTRATION FEE FOR THE ENTIRE COURSE:

€ 920,00 - It includes: tuition, course material, coffee breaks, all meals and transportation from Bologna to the course venue and back.

ACCOMMODATION:

€ 49,00 per night. Bed and breakfast in single room at the course venue or in nearby hotels.

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



2022 • BERTINORO – CLINICAL GENOMICS & NGS

For updates, program, registration and info visit: www.ceub.it

DIRECTORS

HAN BRUNNER
CHRISTIAN GILISSEN
ALEXANDER HOISCHEN
TOMMASO PIPPUCCI
BRUNHILDE WIRTH

FACULTY

SARA BALDASSARRI
JOHN BURN
DIAN DONNAI
EVAN E EICHLER
FLORIAN ERGER
EVA KLOPOCKI
ANNEKE LUKASSEN
MICHAEL NOTHNAGEL
ALEXANDRE REYMOND
KAITLIN SAMOCHA
LOT SNIJDERS BLOK
NICOLE SORANZO
MALTE SPIELMAN
LEA STARITA
KAREN TEMPLE

EUROPEAN SOCIETY
OF HUMAN GENETICS
Alserstrasse 4
1090 Vienna
Austria
www.eshg.org



ORGANIZING SECRETARIAT

UNIVERSITY RESIDENTIAL CENTER
Via Frangipane, 6
47032 Bertinoro FC
tel. +39 0543 446556
rpartisani@ceub.it
www.ceub.it