

CLINICAL GENOMICS & NGS

30th Course jointly organized by ESGM, ESHG and CeUB

Bertinoro (Italy) • April 29-May 5, 2017

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.

A limited number of **FELLOWSHIPS** will be offered by the ESHG. Following their guidelines, students from economically less favoured countries are strongly encouraged to apply. See list here: https://www.eshg.org/fileadmin/eshg/countries/Collective_Members_Country_List_from_01_01_2017.pdf Fellowships are not limited to this group of countries.

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

DIRECTORS

HAN BRUNNER, CHRISTIAN GILISSEN, ALEXANDER HOISCHEN, TOMMASO PIPPUCCI, GIOVANNI ROMEO, BRUNHILDE WIRTH

TOPICS

DAY 1 (Sun, April 30th):
Medical genetics concepts
and principles

DAY 2 (Mon, May 1st):
Basics of NGS for Mendelian disorders

DAY 3 (Tue, May 2nd):
Therapy and prenatal diagnostics
in the NGS era

DAY 4 (Wed, May 3rd):
Complex mechanisms of disease

DAY 5 (Thu, May 4th):
Novel NGS applications

DAY 6 (Fri, May 5th):
Large scale NGS



REGISTRATION FEE FOR THE ENTIRE COURSE:

€ 780,00 - It includes:
tuition, course material, coffee breaks,
meals, and transportation from Bologna
to the course venue and back, plus
social dinner and party.

REGISTRATION FEE PER DAY:

(if you attend only part of the
program):
€ 150,00 - It includes:
tuition, course material, coffee breaks,
meals.

ACCOMMODATION:

€ 35,00 per night.
Bed and breakfast in double room
at the course venue

Closing date for fellowship
applications: March 10, 2017

Closing date for registration will
be when all places are taken



2015 • BERTINORO – 28th COURSE IN MEDICAL GENETICS

FACULTY

JOHN BURN
DIAN DONNAI
EVAN E EICHLER
DAVID FITZPATRICK
LUDE FRANKE
CATERINA GARONE
NICHOLAS KATSANIS
EVA KLOPOCKI
JONATHAN O'HALLORAN
ANITA RAUCH
TOBIAS RAUSCH
ANDREW READ
AUGUSTO RENDON
CARLO SIDORE
KAREN TEMPLE
THIERRY VOET

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