

2nd level MASTER

# CLINICAL GENETICS

A.Y. 2012-2013

7th edition



Padova



Benevento



Troina



Genova



Napoli



Monza



Torino



Siena

## Programme of the 7th edition

1st Unit: **Padova**  
18-22 February 2013  
Propedeutics

2nd Unit: **Benevento**  
11-15 March 2013  
Ciliopathy: a multidisciplinary approach

3rd Unit: **Troina**  
8-12 April 2013  
Syndromic intellectual disability

4th Unit: **Genova**  
6-10 May 2013  
Cancer syndromes and Skeletal diseases

5th Unit: **Napoli**  
10-14 June 2013  
Heart and Muscular Diseases

6th Unit: **Siena**  
15-19 July 2013  
Microdeletion syndromes and Skeletal diseases

7th Unit: **Monza**  
16-20 September 2013  
Management of genetic syndromes

8th Unit: **Torino**  
14-18 October 2013  
Inherited cancers

- 2 hours of lesson per day
- 5 scheduled external clinics for each student per week
- 5 in-ward clinics for each student per week
- case discussion before and after each clinic
- family report writing

Joint title from Universities of:



Milano-Bicocca



Genova



Padova



Torino



Napoli



UNIVERSITÀ  
DI SIENA  
1240

Concurrent not Academic Institutions:

- Azienda Ospedaliera Galliera, Genova
- Azienda Ospedaliera G. Rummo, Benevento
- IRCCS Associazione Oasi Maria Santissima, Troina



Promoted by The Italian Society of Human Genetics (SIGU)  
Endorsed by The European Society of Human Genetics



## Presentation

This is the Seventh Edition of an inter-University Master aimed at training MD graduate students in Clinical Genetics. It is recommended to those who already have a Specialty or a PhD degree in Medical Genetics, or those who have been trained in Medical Genetics for at least two years.

Total credits of the Master = 60

The general program is posted at  
[http://www.unisi.it/ricerca/dottorazione/genetica\\_medica/News/Master/Master.htm](http://www.unisi.it/ricerca/dottorazione/genetica_medica/News/Master/Master.htm)

It has been realized on the basis of a special agreement between the following 6 Universities:

- University of Genova, Medical Genetics
- University of Milano-Bicocca, Pediatric Genetics
- Second University of Naples, Medical Genetics
- University of Padova, Medical Genetics
- University of Siena, Medical Genetics
- University of Torino, Medical Genetics

In addition, a special agreement has been signed with the following institutions that will host students for clinical practice:

- Azienda Ospedaliera Galliera, Genova, Medical Genetics
- Azienda Ospedaliera G. Rummo, Benevento, Medical Genetics
- IRCCS Associazione Oasi Maria Santissima, Troina, Medical Genetics and Pediatrics

The following institutions provide additional teachers:

- AO Bianchi-Melacrino, Morelli, Reggio Calabria, Medical Genetics
- AO Reggio Emilia, SS Genetica Clinica
- Istituto Scientifico Stella Maris, Calambrone, Pisa
- Istituto G. Gaslini, Genova, Pediatrics

The following foreign Universities provide additional teachers:

- Department of Pediatrics  
Universities of Lausanne and Geneva  
Centre Hospitalier Universitaire Vaudois  
1011 Lausanne, Switzerland
- Department of Human Genetics,  
Nijmegen Medical Centre, Radboud University  
Nijmegen, The Netherlands

The overall objective of the program is to educate and train master level candidates to the main principles on multiple congenital anomalies and syndromes, their identification, diagnosis and counselling in medical genetics, genotype/phenotype correlations, introduction to techniques of communication in genetic counselling, and functional genomics.

The training program lasts 1 year. Students will move monthly in 8 different training places. In each place, students will receive one main lesson per day (usually in the morning), the remaining time of the morning and the afternoon being spent in clinics. Thanks to this program students will become aware of clinical genetics services present in Italy, useful for future training programs and positions.

Lessons are organized in 8 main areas: Propedeutics, Ciliopathy: a multidisciplinary approach, Syndromic intellectual disabilities, Cancer Genetics, Skeletal disorders, Heart and Muscular Diseases, Management of genetic syndromes, Microdeletion/microduplication syndromes. One teaching unit (week) is assigned to each area. At the end of each teaching unit a common syndrome will be discussed in a manner to recapitulate the basic ABC of the clinical geneticist.

## Previous academic years



## Some witnesses of previous academic years



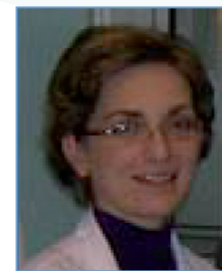
### COLAO Emma

The master has improved the way I work. I have gained new knowledge, and I had the opportunity to meet new working environments and colleagues. It allowed me to study and see some diseases that I had not seen except in books. I think that this Master is an excellent training experience and that every geneticist should attend it  
▶ academic year 2011-2012



### MAROZZA Annabella

This Master gave me the chance to see the work done in various Italian Genetic Centres and to acquire additional tools for the recognition of rare diseases. A very good experience!  
▶ academic year 2011-2012



### BRUCCHERI Maria Grazia

The Master has given us the opportunity to meet and to be introduced to several specialists who are able to help us also in our professional future  
▶ academic year 2007-2008



### ACCADIA Maria

I had the opportunity to confront myself with many specialists and to improve the organization of the genetic service where I work. I also had the opportunity to see patients with genetic disorders that I have never seen  
▶ academic year 2009-2010



### GENTILIN Barbara

The Master gave me the possibility to know the clinical genetics in Italy and to increase my personal education  
▶ academic year 2006-2007

## Deadline

for the application : **January 7, 2013**

Download the schedule at the web site of the University of Siena

<http://www.unisi.it/postlaurea/master.htm>

## Master Coordinator

**Renieri Alessandra** (University of Siena)

E-mail: [alessandra.renieri@unisi.it](mailto:alessandra.renieri@unisi.it)



## Foreign teachers

Unger Sheila (Lausanne-CH)

Superti-Furga Andrea (Lausanne-CH)

Brunner Han (Nijmegen-NL)

## Teaching Board

### Italian Teachers

Ardenghi Patrizia (Padova)

Chessa Luciana (Roma)

Clementi Maurizio (Padova)

Coviello Domenico (Genova)

Della Monica Matteo (Benevento)

De Marchi Mario (Torino)

Di Rocco Maja (Genova)

Faravelli Francesca (Genova)

Fortunato Leonardo (Benevento)

Forzano Francesca (Genova)

Garavelli Livia (Reggio Emilia)

Giachino Daniela (Torino)

Grosso Enrico (Torino)

Lerone Margherita (Genova)

Mari Francesca (Siena)

Migone Nicola (Torino)

Pasini Barbara (Torino)

Politano Luisa (Napoli)

Priolo Manuela (Reggio Calabria)

Ravazzolo Roberto (Genova)

Renieri Alessandra (Siena)

Romeo Giovanni (Bologna)

Romano Corrado (Troina)

Salviati Leonardo (Padova)

Scarano Gioacchino (Benevento)

Selicorni Angelo (Monza)

Silengo Margherita (Torino)