



European School of Genetic Medicine

24th Course in Medical Genetics

LOCATION

EuroMediterranean University Centre of Ronzano
Via di Gaibola 16, Bologna
18th -22nd May 2011

Wednesday, 18 May 2011

Morning Session: Introduction to Medical Genetics and genome analysis

9.00 – 9.15	Registration to the course
9.15 – 9.30	Introduction to the course G. Romeo
9.30 – 10.10	Genotypes & phenotypes H. Brunner
10.10 – 10.50	Arrays & CNVs J. Vermeesch
10.50 – 11.20	Coffee Break
11.20 – 12.00	Complex Genetics GWAS E. Bonora
12.00 – 12.40	Medical Genetics Today Han Brunner



12.40 – 14.30 Lunch Break and tour of the Eremo di Ronzano

Afternoon Session: Workshops

14.30 – 16.00 Workshop
16.00 – 16.30 Coffee Break
16.30 – 18.00 Workshop

Thursday, 19 May 2011

Morning Session: Clinical and Molecular Genetics

9.00 – 9.50 Genetic counseling
 B. Wollnik

9.50 – 10.40 Genome sequencing
 J. Veltman

10.40 – 11.10 Coffee Break

11.10 – 12.00 Marfan syndrome
 B. Loeys

12.00 – 12.50 Trinucleotide repeat diseases
 D. Monckton

12.50 – 14.30 Lunch Break

Afternoon Session: Workshops



14.30 – 16.00 Workshop
16.00 – 16.30 Coffee Break
16.30 – 18.00 Workshop

Friday, 20 May 2011

Morning Session: New approaches in Medical Genetics

9.00 – 9.50 Epigenetics and Epigenomics
 J. Boeke

9.50 – 10.40 De novo MR
 J. Veltman

10.40 – 11.10 Coffee Break

11.10 – 12.00 SMA: From gene and modifiers to therapy
 B. Wirth

12.00 – 12.50 Craniofacial Malformations
 B. Wollnik

12.50 – 14.30 Lunch Break

Afternoon Session: Workshops

14.30 – 16.00 Workshop: Synthetic biology, synthetic genomics and implications for medicine
 J. Boeke

16.00 – 16.30 Coffee Break

16.30 – 18.00 Workshop



Saturday, 21 May 2011

Morning Session: Complex genetic disorders and genome diversity

9.00 – 9.50	Schizophrenia D. Valle
9.50 – 10.40	2 nd talk D. Monckton
10.40 – 11.10	Coffee Break
11.10 – 12.00	Oligogenic inheritance N. Katsanis
12.00 – 12.50	Human genome diversity conferred by retrotransposons insertion polymorphisms (RIPs) J. Boeke
12.50 – 14.30	Lunch Break

Afternoon Session: Workshops

14.30 – 16.00	Workshop
16.00 – 16.30	Coffee Break
16.30 – 18.00	Workshop

Sunday, 22 May 2011

Morning Session: Ethics and perspectives in Medical Genetics



9.00 – 9.50	Ethics A. Read
9.50 – 10.40	Evolutionary medicine D. Valle
10.40 – 11.10	Coffee Break
11.10 – 12.10	Debate: How will genome sequencing change medical genetics? A. Read
12.30 – 14.00	Lunch Break and Departure