

European School of Genetic Medicine
5th COURSE IN MOLECULAR CYTOGENETICS AND DNA ARRAYS
September 10-14, 2003
Bertinoro, Forlì, Italy

University Residential Centre
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Directors:

Felix Mitelman (Lund, S)
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Faculty:

Pier Alberto Benedetti (Pisa, I), Elisabeth Blennow (Stockholm, S), Giuseppe Calabrese (Chieti, I), Nigel Carter (Cambridge, UK), Raffaella Corvi (Ispra, I), Thomas Cremer (Munich, D), Silvana Debernardi (London, UK), Heike Fiegler (Hinxton, UK), Lyndal Kearney (London, UK), Stefan Muller (Munich, D), Albert Schinzel (Schwerenbach, CH), William John Shipley (Sherbrooke, USA), Michael Speicher (Munich, D), Jo Vandesompele (Gent, B), Orsetta Zuffardi (Pavia, I).

Wednesday, September 10th, 2003

Morning Session

8.30	O. Zuffardi (Pavia, I) Human Cytogenetics
9.30	M. Speicher (Munich, D) Multicolor-FISH
10.30	Coffee break
11.00	N. Carter (Cambridge, UK) Overview of array technology
12.00	H. Fiegler (Hinxton, UK) CGH on chips
13.00	Lunch

Afternoon Session

- 14.30 **M. Debernardi** (London, UK)
Expression array profiling in leukaemia
- 15.30 Coffee break
- 16.00 - 18.30 Concurrent workshops
- P.A. Benedetti** (Pisa, I)
Fluorescence microscope and CCD cameras
- M. Speicher** (Munich, D)
Multicolor-FISH
- N. Carter** (Cambridge, UK), **M. Rocchi** (Bari, I)
What you need to use non-commercial probes and non dedicated software packages

Thursday, September 11th, 2003

Morning Session

- 8.30 **M. Rocchi** (Bari, I)
Genome plasticity (I)
- 9.30 **L. Kearney** (London, UK)
Telomeres and cryptic rearrangements
- 10.30 Coffee break
- 11.00 **J. Vandesompele** (Gent, B)
Real time quantitative PCR and cytogenetics
- 12.00 **N. Carter** (Cambridge, UK)
Mapping and sequencing chromosome rearrangements
- 13.00 Lunch

Afternoon Session

- 14.30 **A. Schinzel** (Schwerenbach, CH)
Genome imprinting and uniparental disomy
- 15.30 Coffee break
- 16.00 - 18.30 Concurrent workshops
- N. Carter** (Cambridge, UK)
Genome databases
- A. Schinzel** (Schwerenbach, CH)
Clinical findings in chromosome aberrations
- L. Kearney** (London, UK)
What to FISH for and when in leukaemia

Friday, September 12th, 2003

Morning Session

- 8.30 **F. Mitelman** (Lund, S)
Cancer cytogenetics
- 9.30 **B. Young** (London, UK)
Genomic Landscaping: combining expression profiling with
CGH array data
- 10.30 Coffee break
- 11.00 **J. Shipley** (Sherbrooke, USA)
Comparative expressed sequence hybridisation (CESH)
- 12.00 **Round Table**
The future of Cytogenetics
- 13.00 Lunch

Afternoon Session

- 14.30 **M. Rocchi** (Bari, I)
Resources for Molecular Cytogenetics
- 15.30 Coffee break
- 16.00 Concurrent workshops
- R. Corvi** (Ispra, I)
FISH applications in cancer research
- F. Mitelman** (Lund, S)
Database on chromosome aberrations in cancer
- B. Young** (London, UK)
Array analysis

Saturday, September 13th, 2003

Morning Session

- 8.30 **E. Blennow** (Stockholm, S)
Preimplantation diagnosis
- 9.30 **T. Cremer** (Munich, D)
Chromosome organization
- 10.30 Coffee break
- 11.00 **S. Muller** (Munich, D)
Karyotype evolution in primates
- 12.00 Lunch, then sightseeing tour in Romagna

Sunday, September 14th, 2003

Morning Session

9.00	G. Calabrese (Chieti, I) Fiber FISH
10.00	M. Rocchi (Bari, I) Genome plasticity (II)
11.00	Coffee break
11.30	O. Zuffardi (Pavia, I) Segmental duplications and chromosome rearrangements
12.30	Lunch

Registration fee for the entire course (5 days, 5 nights): € 900,00

Course fee include tuition, course material, room and board for the whole duration of the course.

Arrival in Bertinoro is scheduled on the day before the course. Departure is scheduled on September 14.

10 fellowships are available for candidates of Italian nationality.

Register online at www.eurogene.org. Offline registration is not available. All course is held in English, unless otherwise stated. For further information about the University Residential Centre, visit www.centrocongressibertinoro.it.

For further information visit the EGF website: [//www.eurogene.org](http://www.eurogene.org)
