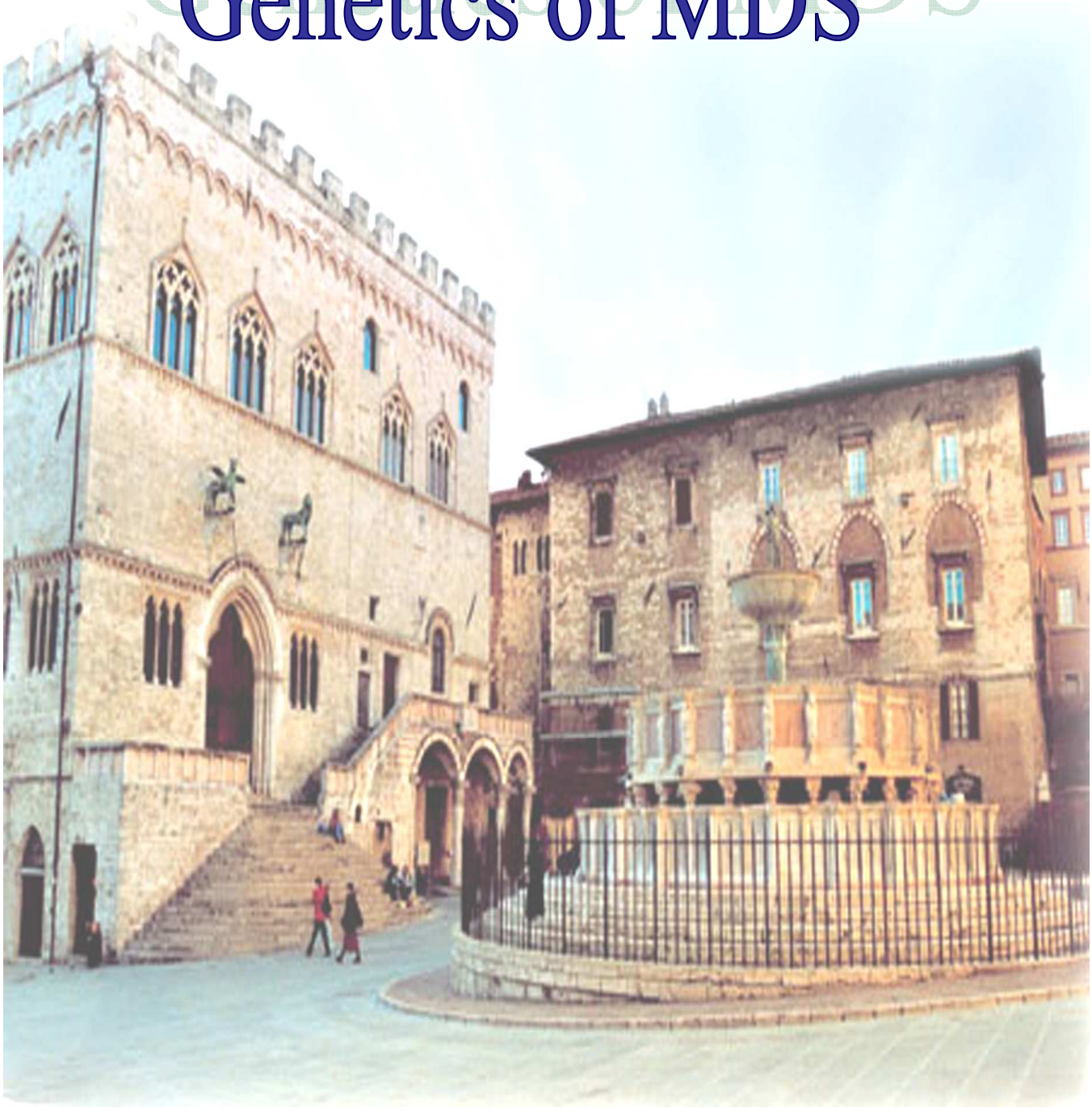
ELN European LeukemiaNet

4th ELN Workshop Genetics of MDS



PERUGIA, October 2nd-3rd 2008

Location: Sala della Vaccara; Palazzo dei Priori

Piazza IV Novembre

4th ELN Workshop "Genetics of MDS"
University of PERUGIA, October 2nd-3rd 2008

PROGRAM

A Joint Activity of WPs8 (MDS) and 11(Cytogenetics)

of the European Leukemia Net

Chaired by C. Mecucci, Hematology

Location: Sala della Vaccara, Palazzo dei Priori, Piazza IV Novembre, Perugia

Scientific Secretariat

Barbara Crescenzi, Roberta La Starza and Caterina Matteucci

Policlinico Monteluce
via Brunamonti 51
06122, Perugia, Italy
Phone: +39 075 578 3455 / 3469
Fax: +39 075 5783691
e-mail: crimecux@unipg.it

Organizing Secretariat

Chantal Trabalza

Policlinico Monteluce
via Brunamonti 51
06122, Perugia, Italy
Phone: +39 075 5783808
Fax: +39 075 5783691
e-mail: crimecux@unipg.it

Thursday, October 2nd, 2008

8.45 a.m. **Introduction**
Cristina Mecucci (Perugia)

Session 1: Conventional and molecular cytogenetics
9.00-11.00

Chairs: Christine Harrison (Newcastle), Brigitte Royer-Pokora (Düsseldorf), Jacqueline Boultwood (Oxford)

- Bardi G (Athens): "Karyotypic complexity and multiclonality: two cytogenetic parameters to be considered in MDS prognostic evaluation"
- Lange K (Hannover): "Telomere/Centromere Fluorescence in situ Hybridization (T/C-FISH) in patients with different subtypes of myelodysplastic syndrome (MDS)"
- La Starza R (Perugia): "Myelodysplatic Syndromes (MDS) with loss of 4q24"
- Dastugue N (Toulouse): "Myeloid cell differentiation arrest by MIR-125B-1 in Myelodysplastic Syndrome and Acute Myeloid Leukemia with the t(2;11)(p21;q23) translocation"
- Malcovati L (Pavia): "JAK-STAT Pathway mutations in myelodysplastic/myeloproliferative disorders"
- Beel K (Leuven): "Is the risk of developing AML or MDS increased in X-linked neutropenia?"

11.00-11.20 **Coffee break**

Session 2: Animal Models and Epigenetics
11.20-13.30

Chairs: Brigitte Schlegelberger (Hannover), Ruud Delwel (Rotterdam)

- Delwel R (Rotterdam): "EVI1, a gene frequently involved in Myelodysplastic Syndrome causes an erythroid dysplasia in an inducible transgenic model"

- Beurlet S. Lafarge (Paris): “ABT-737 targets the cooperation of BCL2 and mutant NRAS in an *in vivo* progression model of myelodysplasia/acute myeloid leukaemia”
- Padua RA (Paris): “Gene profiling in a ras/bcl-2 progression model”
- Voso MT (Roma): “Epigenetic changes in myelodysplastic syndromes”
- Dellet M (Belfast): “Specific and global methylation status in elderly AML and high risk MDS patients”

13:30-15:00 **Lunch**

Session 3: Leukemic stem cells and gene expression profiling
15.00-16.40

Chairs: Maria Teresa Voso (Roma), Nicolle Dastugue (Toulouse)

- Boultwood J (Oxford): “The molecular basis of the 5q- syndrome”
- Pellagatti A (Oxford): “Gene expression profiling of CD34+ cells in patients with Myelodysplastic Syndrome”
- Del Rey M (Salamanca): “Gene expression profiling of patients with low risk myelodysplastic syndromes”
- Crescenzi B (Perugia): “Involvement of CD34+ hematopoietic stem cells in MDS/AML with rare trisomies”
- Blau O (Berlin): “Analysis of chromosomal aberrations and DNA-mutation in bone marrow mesenchymal stroma cells from patients with myelodysplastic syndrome and acute myeloid leukaemia”

16.40-17.45 **Presentation of WP11 activity**
Harald Rieder (Düsseldorf)

- Seedhouse C (Nottingham): “Polymorphisms in detoxification and DNA repair genes in MDS: collaboration update”

18.30 SOCIAL EVENT AND DINNER

Friday, October 3rd, 2008

Session 4: Array-CGH , SNPs, UPD
9.15-10.30
Chairs: Rose Ann Padua (Paris), Martine Jotterand (Lausanne)

- Pantic M (Freiburg): "SNP array karyotyping in diagnosis and follow-up of low-risk myelodysplastic syndromes"
- Royer-Pokora B (Düsseldorf): "Search for hidden aberrations in MDS with del 5q or normal karyotype with oligonucleotide array CGH"
- Steinemann D (Hannover): "Genome-wide copy number analysis revealed deletion of apoptosis-related genes in childhood MDS"

10.30-11.00 **Coffee break**

11.00-12.30 **FORUM on Genome Arrays:** Sophie Raynaud (Nice)

Introduction: Harrison C (Newcastle): "What genome arrays can do for you!"

LUNCH