



PRELIMINARY PROGRAMME



NEXT GENERATION SEQUENCING for Targeted Personalized Therapy of Leukemia

I ACT

**Bologna,
30th November - 1st December**

2012

2012

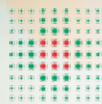
Aula Chiantore

Institute of Hematology
"L. e A. Seràgnoli"
Sant'Orsola - Malpighi
University Hospital
PAV. 8

PROMOTED BY

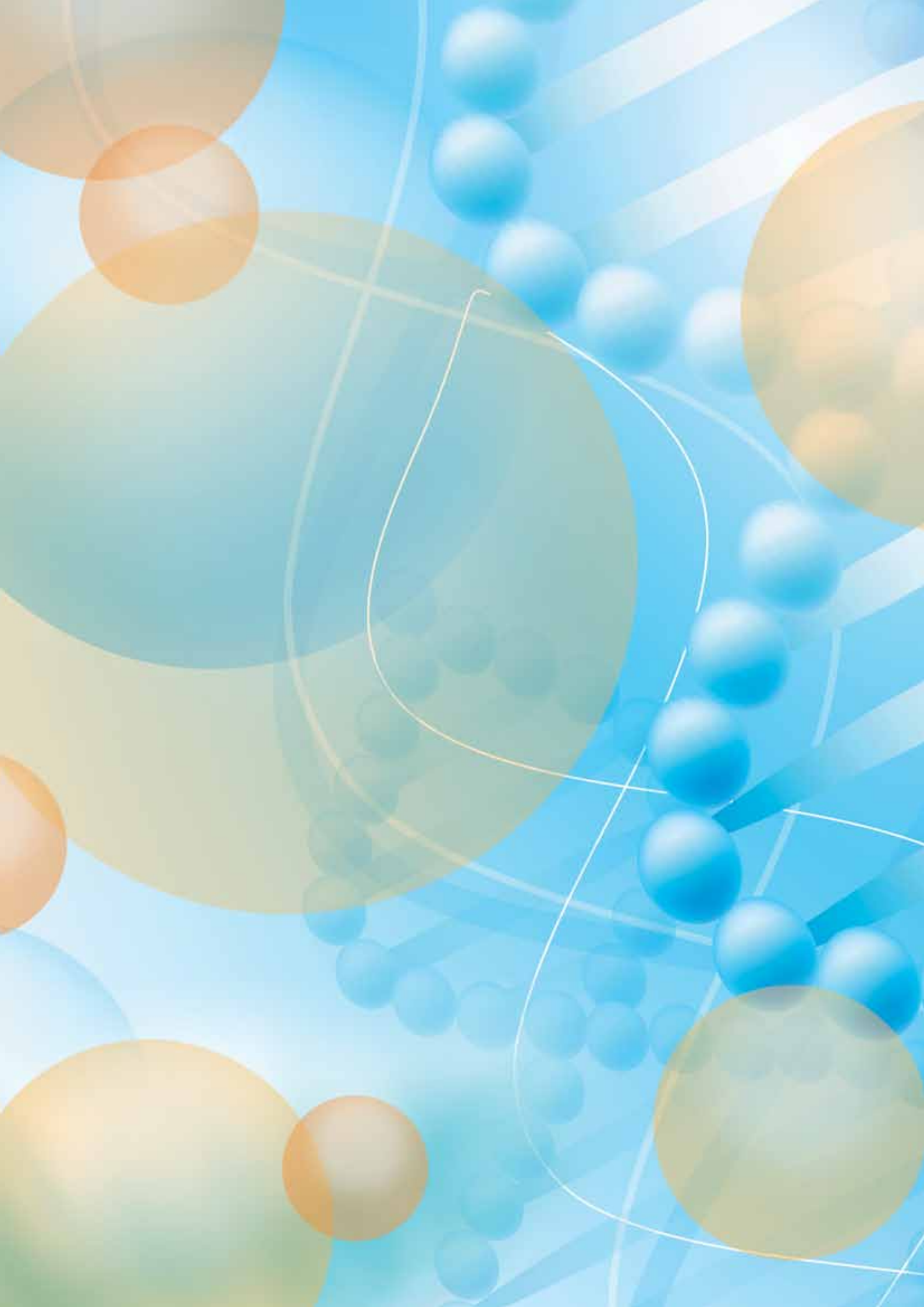


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SCIENTIFIC COMMITTEE

Michele Cavo
Roberto Massimo Lemoli
Giovanni Martinelli
Pier Luigi Zinzani

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University of Bologna

HONORARY PRESIDENTS

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Institute of Hematology "L. e A. Seràgnoli"
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Sante Tura

BolognAil Onlus
Italian Association for Leukemias,
Lymphomas, and Myeloma

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Under the auspices of *

AIRC Associazione Italiana per la Ricerca sul Cancro
Azienda Ospedaliera Policlinico S. Orsola-Malpighi
BolognAilOnlus
Dipartimento di Ematologia e Oncologia Medica "L. e A. Seràgnoli"
*EBMT European Group for Blood and Marrow Transplantation
ELN European LeukemiaNet
*ESH European School of Hematology
*Fondazione GIMEMA Onlus Gruppo Italiano Malattie Ematologiche dell'Adulto
iCMLf International Chronic Myeloid Leukemia foundation
*UNIBO Alma Mater Studiorum - Università di Bologna
* **Under request**

GREETING MESSAGE

Dear Friends and Colleagues,

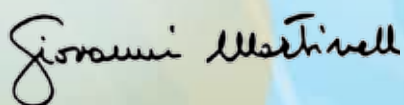
It is a great pleasure for us to invite you at the **Congress** entitled "**Next Generation Sequencing for Targeted Personalized Therapy of Leukemia**", to be held on **November 30 and December 1** at Sant'Orsola-Malpighi University Hospital, Department of Hematology and Medical Oncology. The Congress is part of the *Kick-off Meeting* of the FP7 EU Health Project "*Next Generation Sequencing Platform for Targeted Personalized Therapy of Leukemia (NGS - PTL)*" which will take place in Bologna, in the library of the ancient Medicine Academy of Bologna University.

The aims of the project, which obtained the endorsement and funding of the European Union, are:

- ★ to develop a European Hematological/NGS network of physicians and scientists;
- ★ to discover novel insights into the mechanisms involved in leukemogenesis and to develop genetic models that accurately define novel leukemia subtypes based on the genomic profile of individual patients;
- ★ to develop biostatistic and bioinformatic tools for coupling scientific research data with clinical/molecular databases;
- ★ to develop "leukemia diagnostic panels" to drive personalized treatments and tailor therapies to different stratified groups of leukemia patients.

We are looking forward to welcoming you for an unforgettable learning experience.

Giovanni Martinelli



PROGRAMME

SCIENTIFIC PROGRAMME

Friday, 30th November 2012

1st session

13.00 Participants registration

13.30 Welcome address

★ **Chairman: Pier-Luigi Lollini (Bologna, Italy)**

14.00 The development and the strategy of the research area at the University of Bologna

Dario Braga (Bologna, Italy)

Introduced by *Guido Biasco (Bologna, Italy)*

14.40 **Lecture: New frontiers of NGS in 2013**

Davide Rossi (Novara, Italy)

15.10 **NGS in T-Acute Lymphoblastic Leukemia**

Kim De Keersmaecker (Leuven, Belgium)

15.30 **Discussion**

15.40 **NGS in B-Acute Lymphoblastic Leukemia**

Ilaria Iacobucci (Bologna, Italy)

16.00 **Discussion**

16.10 *Coffee break*

2nd session

★ **Chairman: Vilma Mantovani (Bologna, Italy)**

16.30 **NGS in CLL**

Jesús M. Hernández Rivas (Salamanca, Spain)

16.50 **IRON Study**

Alexander Kohlmann (Munich, Germany)

17.10 **NGS for Bcr-Abl mutation detection of Ph+ positive leukemias**

Simona Soverini (Bologna, Italy)

17.30 **NGS in multiple myeloma**

Carolina Terragna (Bologna, Italy)

17.50 **Discussions and conclusion remarks**

Giovanni Martinelli (Bologna, Italy)

Workshop session

18.00 - 19.00 **Chairman: Fabrizio Pane (Naples, Italy)**

★ **Next Generation Sequencing: from basic research to clinical diagnostics**

Caroline Thureau (Illumina UK Ltd)

★ **ClinicOnline e Trials: your way for manage clinical trials**

Marco Capoferri - Mirko Fortuna (Sinaptica IT srl)

PROGRAMME

SCIENTIFIC PROGRAMME

Saturday, 1st December 2012

1st session

★ **Chairmen: TBD**

- 8.30** **Introduction**
Giovanni Martinelli (Bologna, Italy)
- 8.45** **Lecture: Is NGS driven by cytogenetics?**
Claudia Haferlach (Munich, Germany)
- 9.15** **Lecture: New Strategies for NGS**
Massimo Delledonne (Verona, Italy)
- 9.45** **NGS in acute myeloid leukemia**
Lars Bullinger (Ulm, Germany)
- 10.05** **Discussion**
- 10.15** **Coffee break**

2nd session

★ **Chairman: John Goldman (London, UK)**

- 10.30** **NGS in myelodysplastic syndrome**
Matteo Della Porta (Pavia, Italy)
- 10.40** **Discussion**
- 10.50** **NGS in myeloproliferative disorders**
Peter Vanderberghe (Leuven, Belgium)
- 11.10** **Discussion**
- 11.20** **Recent comparison of tools for fusion gene detection**
Raffaele Calogero (Turin, Italy)
- 11.40** **Discussion and conclusion remarks**

Workshop session

12.00 - 13.00 **Chairman: Domenico Russo (Brescia, Italy)**

- ★ **Genome Sequencers 454 - Translational research technologies**
Michele Iacono (Roche Diagnostics SpA)
- ★ **Fasteris solutions for cancer research with Illumina NGS sequencing**
Nadine Vincent (Fasteris)
- ★ **Technical scientific presentation of Personal Genomics**

FACULTY FACULTY

Guido Biasco

Interdepartmental Centre for Research on Cancer "Giorgio Prodi" University of Bologna - Bologna, Italy

Dario Braga

Vice-Rector delegated for Research, University of Bologna - Bologna, Italy

Lars Bullinger

University of Ulm - Ulm, Germany

Raffaele Calogero

Molecular Biology and Bioinformatics UNITO - Turin, Italy

Kim De Keermaecker

VIB Center for the Biology of Disease and Center for Human Genetics, KU Leuven - Leuven, Belgium

Matteo Della Porta

Section of Hematology, University of Pavia, Policlinico San Matteo - Pavia, Italy

Massimo Delledonne

Department of Biotechnology, University of Verona - Verona, Italy

John Goldman

Imperial College London - London, UK

Claudia Haferlach

MLL Munich Leukemia Laboratory - Munich, Germany

Jesús M. Hernández Rivas

IBSAL, IBMCC, Center of Cancer Research Molecular Cytogenetics Lab, Department of Hematology, University Hospital of Salamanca - Salamanca, Spain

Ilaria Iacobucci

Institute of Hematology "L. e A. Seràgnoli" University of Bologna - Bologna, Italy

Alexander Kohlmann

MLL Munich Leukemia Laboratory - Munich, Germany

Pier-Luigi Lollini

Department of Experimental, Diagnostic and Specialty Medicine, University of Bologna - Bologna, Italy

Vilma Mantovani

Center for Applied Biomedical Research (CRBA), S.Orsola - Malpighi Hospital - Bologna, Italy

Giovanni Martinelli

Institute of Hematology "L. e A. Seràgnoli" University of Bologna - Bologna, Italy

Fabrizio Pane

Department of Medical Biotechnology, University Federico II - Naples, Italy

Davide Rossi

Division of Hematology, Department of Translational Medicine, "Amedeo Avogadro" University of Eastern Piedmont - Novara, Italy

Domenico Russo

Department Unit Bone Marrow Transplantation for Adults, Civil Hospital of Brescia - Brescia, Italy

Simona Soverini

Institute of Hematology "L. e A. Seràgnoli" University of Bologna - Bologna, Italy

Carolina Terragna

Institute of Hematology "L. e A. Seràgnoli" University of Bologna - Bologna, Italy

Peter Vandenberghe

Cancer Research of the Department of Human Genetics - Leuven, Belgium

VENUE

Aula-Polo "M.T. Chiantore"
Institute of Hematology "L. e A. Seràgnoli"
Sant'Orsola - Malpighi University Hospital
PAV. 8
Via Massarenti, 9
Bologna - Italy

HOW TO REGISTER

On-line registration on the web site www.noemacongressi.it
The registration to the Congress is free of charge.

OFFICIAL LANGUAGE

The official Congress language is English. No translation will be provided.

C.M.E. ACCREDITATION

The Congress has been credited at the Italian Ministry of Health for the categories of Physician, Medical Assistant, Biologist, Pharmacist, Nurse, Health and Biomedical Laboratory Technician.

Disciplines accredited Physician: Clinical Biochemistry, Hematology, Clinical Pharmacology and Toxicology, Medical Genetics, Geriatrics, Gynecology and Obstetrics, Internal Medicine, Oncology, Pediatrics, Clinical Pathology and Pediatrics.

Discipline accredited Pharmacist: Hospital Pharmacy

Please note that credits for the **Workshop session** are not required.

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N O E M A

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