



NEW DRUGS FOR LEUKEMIA

Genoa (Italy), March 15th - 17th, 2012

Organized by

DEPARTMENT OF HEMATOLOGY AND ONCOLOGY
I.R.C.C.S. A.O.U. SAN MARTINO - IST, GENOA

DEPARTMENT OF HEMATOLOGY AND ONCOLOGY
"L. and A. SERÀGNOLI"
ALMA MATER STUDIORUM UNIVERSITÀ, BOLOGNA

Promoted by



FONDAZIONE
INTERNAZIONALE
MENARINI

PROGRAM

Palazzo del Principe
(Galleria Aurea - Piazza del Principe, 4)



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Under the Auspices of

S.I.E. (Società Italiana Ematologia)
S.I.E.S. (Società Italiana Ematologia Sperimentale)

Co-Presidents of the Meeting

Marco Gobbi

Department of Hematology
and Oncology
I.R.C.C.S. A.O.U. San Martino - IST
Genoa, Italy

Giovanni Martinelli

Department of Hematology
and Oncology "L. and A. Seràgnoli"
Alma Mater Studiorum
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Scientific Secretariat

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Organizing Secretariat - Provider

AVEC S.r.l. - Incentive Paintings - Angela Volpe / Claudia Cislaghi
Via Laboratori Autobianchi, 1
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Fondazione Internazionale Menarini

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Http:\\www.fondazione-menarini.it

Thursday, March 15th, 2012 - Afternoon

05.00 p.m.

Welcome address
M. Gobbi (Genoa, I)

05.10 - 07.15 p.m. Starting from new genomic insights

Chairpersons:

F. Pane (Naples, I)
A. Cuneo (Ferrara, I)

05.15 - 05.40 p.m.

M. Della Porta (Pavia, I)
Gene function and regulation

05.40 - 06.05 p.m.

S. Ferrari (Modena, I)
The regulation of transcription and transduction

06.05 - 06.30 p.m.

D. Cilloni (Turin, I)
Receptors and signaling

06.30 - 07.15 p.m.

M. Alcalay (Milan, I)
Leukemia stem cells: new paradigm for target therapy

07.15 p.m.

Welcome Ceremony

08.30 - 10.30 p.m. Session I - Molecular diagnosis and prognosis

Chairpersons: **M. Bacarani** (Bologna, I)
F. Lauria (Siena, I)

08.30 - 08.40 a.m. **M. Bacarani** (Bologna, I)

Introduction to the Main Lecture

08.40 - 09.10 a.m. **D. Cilloni** (Turin, I)

Main Lecture on: "New damage related to leukemia"

09.10 - 09.30 a.m. **M. Cazzola** (Pavia, I)

Diagnostic and predictive biomarkers for MDS

09.30 - 09.50 a.m. **M. Miglino** (Genoa, I)

Diagnostic and predictive biomarkers for AML

09.50 - 10.10 a.m. **I. Iacobucci** (Bologna, I)

Diagnostic and predictive biomarkers for ALL

10.10 - 10.30 a.m. Discussion

10.30 - 10.50 a.m. *Coffee break*

10.50 - 12.50 a.m. Session II - Leukemia gene as target

Chairpersons: **G. Leone** (Rome, I)
G. Gaidano (Novara, I)

10.50 - 11.10 a.m. **C.T. Storlazzi** (Bari, I)

Monosomy as general pathogenetic mechanism of leukemia

11.10 - 11.30 a.m. **C. Papayannidis** (Bologna, I)

Aurora and Polo Kinases

11.30 - 11.50 a.m. **D. Rossi** (Novara, I)

NOTCH mutation in hematological malignancies

11.50 - 12.10 a.m. **G. Martinelli** (Bologna, I)

Nutlin and other HDM2 on clinical setting

12.10 - 12.30 a.m. **G. Saglio** (Turin, I)

Targeting leukemia stem cell: anti-Hedgehog pathways strategies against LSC

12.30 - 12.50 a.m. Discussion

12.50 - 02.00 p.m. *Lunch*

02.00 - 03.00 p.m. Session III - Gene modifier

Chairpersons: **A. Bacigalupo** (Genoa, I)
G. Pizzolo (Verona, I)

02.00 - 02.20 p.m. **M.T. Voso** (Rome, I)

Epigenetic check of normal and leukemic hematopoiesis: new insight

02.20 - 02.40 p.m. **D. Russo** (Brescia, I)

Leukemia 20-30%: new entity for new therapy

02.40 - 03.00 p.m. **G. Visani** (Pesaro, I)

Gene modifier: is the microenvironment the therapeutic target?

03.00 - 03.20 p.m. *Coffee break*

03.20 - 05.50 p.m. Session IV - New Purine Analogs and Signal Transduction inhibitors

Chairpersons: **G. Semenzato** (Padua, I)
M. Petrini (Pisa, I)

03.20 - 03.50 p.m. **B. Falini** (Perugia, I)

Main Lecture on:
"The lesson of NPM or other genetic lesions in AML"

03.50 - 04.10 p.m. **A. Pession** (Bologna, I)

New biomarker for optimal use of Clofarabine

04.10 - 04.30 p.m. **M. Gobbi** (Genoa, I)

Tosedostat as model of Aminopeptidase modifier

04.30 - 04.50 p.m. **F. Ferrara** (Naples, I)

Nelarabine in adult ALL

04.50 - 05.10 p.m. **S. Amadori** (Rome, I)

mTOR inhibitors in AML

05.10 - 05.30 p.m. **A. Candoni** (Udine, I)

Fluda associated regimens: new standard of care?

05.30 - 05.50 p.m. Discussion

Saturday, March 17th, 2012 - Morning

08.30 - 10.00 a.m. Session V - FLT3 and surround targets

Chairpersons: **A. Burnett** (Cardiff, UK)
A.M. Carella (Genoa, I)

08.30 - 10.00 a.m. **A. Burnett** (Cardiff, UK)
Main Lecture on: "New drugs in MRC studies"

09.00 - 09.20 a.m. **P. Rousselot** (Saint-Quentin-en-Yvelines, F)
New FLT3 inhibitors: AC220

09.20 - 09.40 a.m. **G. Martinelli** (Bologna, I)
Ponatinib a new BCR-ABL and FLT3 inhibitor

09.40 - 10.00 a.m. **A. Venditti** (Rome, I)
PKC412 as front line therapy

10.00 - 10.20 a.m. *Coffee break*

10.20 - 12.20 a.m. Session VI - Myeloproliferative diseases and new molecular based approaches

Chairpersons: **A. Rambaldi** (Bergamo, I)
G. Leone (Rome, I)

10.20 - 10.40 a.m. **F. Frassoni** (Genoa, I)
New molecular based approaches in myeloproliferative neoplasms

10.40 - 11.00 a.m. **D. Rossi** (Novara, I)
New molecular based approaches in NON HODGKIN limphona

11.00 - 11.20 a.m. **F. Palandri** (Bologna, I)
JAK2 inhibitors: the COMFORT clinical trials

11.20 - 11.40 a.m. **G. Barosi** (Pavia, I)
Early clinical development of drugs in MF

11.40 - 12.00 a.m. **A.M. Vannucchi** (Florence, I)
A selective JAK2 mutated inhibitors: do we really need?

12.00 - 12.20 a.m. **G. Martinelli** (Bologna, I)
Take home messages

12.20 a.m. *Lunch*

GENERAL INFORMATION

Meeting Venue

The Meeting will take place at "**Palazzo del Principe**", Galleria Aurea (Piazza del Principe, 4 - 16126 Genova)
Phone: +39 010 255509 - Fax: +39 010 2464837

Secretariat during the Meeting

Opening hours:

Thursday, March 15th, from 04.30 p.m. to 07.30 p.m.

Friday, March 16th, from 08.00 a.m. to 06.00 p.m.

Saturday, March 17th, from 08.00 a.m. to 12.30 p.m.

Official Language

The official language of the Congress is English. Simultaneous Translation will not be provided.

Registration

Meeting attendance is free of charge. Please return the Registration form to: **AVEC S.r.l. - Incentive Paintings - Angela Volpe / Claudia Cislighi**
Via Laboratori Autobianchi, 1 - c/o Polo Tecnologico Brianza - Edificio 9 - Ufficio 14 - I-20832 Desio (MB), Italy.

Phone: +39 0362 581579 - Fax: +39 0362 544211

E-mail: angela.avec@innopharma.it / claudia.avec@innopharma.it

CME Credits

The Meeting has been accredited with 9,8 credits for physicians.

Technical facilities

Facilities will be available for computer presentations and overhead projections. A slide center with PC (Windows and Mac) will be available for check and preview of presentations. Speakers are requested to give a copy of their presentation on USB memory stick, CD or DVD to the technicians at the slide centre, at least one hour before the session.

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Lunches and coffee breaks

Lunches and coffee breaks will be served in the Meeting area.

Certificate of attendance

The certificate of attendance, only valid for fiscal purpose, will be issued upon request and actual presence at the congress. To request the certificate it is necessary to apply at the registration desk.

**LIST OF INVITED FACULTY, CHAIRMAN
AND CO-PRESIDENTS OF THE MEETING**

Myriam Alcalay

IFOM-IEO Campus, General Pathology
University of Milan, School of Medicine
Milan, Italy

Sergio Amadori

Hematology Department
Policlinico Tor Vergata
Rome, Italy

Michele Baccarani

Institute of Hematology and Oncology “L. and A. Seràgnoli”
Bologna, Italy

Andrea Bacigalupo

Hematology Department
San Martino Hospital
Genoa, Italy

Giovanni Barosi

Unit of Clinical Epidemiology and Center
for the Study of Myelofibrosis
Policlinico S. Matteo
Pavia, Italy

Alan Burnett

Hematology Department
Cardiff, UK

Anna Candoni

Division of Hematology and BMT Unit,
University of Udine, Italy

Angelo Michele Carella

Hematology Department
University San Martino
Genoa, Italy

Mario Cazzola

Department of Hematology - Oncology
Policlinico San Matteo
Pavia, Italy

Daniela Cilloni

Department of Clinical and Biological Sciences
Turin, Italy

Antonio Cuneo

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University of Ferrara, Italy

Matteo Della Porta

Department of Hematology
University of Pavia, Italy

Brunangelo Falini

Hematology Department
Perugia, Italy

Felicetto Ferrara

Hematology Department
Cardarelli Hospital
Naples, Italy

Sergio Ferrari

Department of Biomedical Science
Modena, Italy

Francesco Frassoni

Centro Cellule Staminali e Terapia Cellulare
San Martino Hospital
Genoa, Italy

Gianluca Gaidano

Hematology Department
Novara, Italy

Marco Gobbi

Department of Hematology and Oncology
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Genoa, Italy

Ilaria Iacobucci

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Bologna, Italy

Francesco Lauria

MD Professor of Hematology
and Head of Department of Hematology & Transplant
University of Siena, Italy

Giuseppe Leone

Department of Hematology and Pathology
Policlinico Gemelli
Università Cattolica
Rome, Italy

Giovanni Martinelli

Hematology Associated Professor
Department of Hematology and Oncology “L. and A. Seràgnoli”
Alma Mater Studiorum Università di Bologna, Italy

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Department of Hematology - Oncology
University of Genoa, Italy

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Bologna, Italy

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Andrea Pession

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S. Orsola Hospital
Bologna, Italy

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Giovanni Pizzolo

Division of Hematology
Department of Medicine
University of Verona, Italy

Alessandro Rambaldi

Hematology Department
Ospedali Riuniti di Bergamo, Italy

Davide Rossi

Hematology Department
Novara, Italy

Philippe Rousselot

Université Versailles
Saint-Quentin-en-Yvelines, France

Domenico Russo

Hematology Department
Brescia, Italy

Giuseppe Saglio

Department of Clinical and Biological Sciences
Turin, Italy

Gianpietro Semenzato

Hematology Department
University of Padua, Italy

Clelia Tiziana Storlazzi

Department of Genetics and Microbiology
Bari, Italy

Alessandro M. Vannucchi

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Florence, Italy

Adriano Venditti

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Giuseppe Visani
Hematology Department
Pesaro, Italy

Maria Teresa Voso
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Policlinico Gemelli
Rome, Italy

Special Thanks to
Celgene
Janssen Cilag
Novartis Farma
Roche Diagnostics
Sanofi - Aventis



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MENARINI

Physician

Postgraduate

REGISTRATION FORM

Family name _____

First name _____

Title _____ Institute/Organization _____

Mailing address _____

Postal code _____

City _____ Country _____

Telephone _____ Fax _____

e-mail _____

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Date _____

Signature _____



