

# XXVI Symposium IACRLRD

International Association for  
Comparative Research on  
Leukemia and Related Diseases



#### Scientific Secretariat

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Div. Biological and Clinical Sciences

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#### Organizing Secretariat

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www.IACRLRD2013.com



TORINO, LINGOTTO CONFERENCE CENTER

SEPTEMBER 11-14, 2013

PRELIMINARY PROGRAM

# XXVI Symposium IACRLRD

International Association for Comparative Research on  
Leukemia and Related Diseases

TORINO, LINGOTTO CONFERENCE CENTER  
SEPTEMBER 11-14, 2013



## Requested Auspices

UNIVERSITÀ DEGLI STUDI DI TORINO  
COMUNE DI TORINO  
REGIONE PIEMONTE

AIL - ASSOCIAZIONE ITALIANA CONTRO LE LEUCEMIE - LINFOMI E MIELOMA ONLUS

AIL - ASSOCIAZIONE ITALIANA CONTRO LE LEUCEMIE - LINFOMI E MIELOMA  
SEZIONE DI TORINO

ELN - EUROPEAN LEUKEMIA NET

SIE - SOCIETÀ ITALIANA DI EMATOLOGIA

SIES - SOCIETÀ ITALIANA DI EMATOLOGIA SPERIMENTALE

## Officers of the Association 2011 - 2013

<i>President</i>	Giuseppe Saglio, Italy
<i>Vice Presidents</i>	François Guilhot & Hervé Dombret, France
<i>Secretary General</i>	Clara D. Bloomfield, USA
<i>Chair Nominating Committee</i>	Rüdiger Hehlmann, Germany

## World Scientific Committee

Cestmir Altaner	Slovakia
Charles Bangham	United Kingdom
Andrea Biondi	Italy
Anton Berns	The Netherlands
Michael Caligiuri	USA
Carmino De Souza	Brazil
Hartmut Döhner	Germany
Hervé Dombret	France
Genoveffa Franchini	USA
Jacques Ghysdael	France
David Grimwade	United Kingdom
François Guilhot	France
William Hall	Ireland
Andreas Hochhaus	Germany
Eva Hellström-Lindberg	Sweden
Hagop Kantarjian	USA
Michael Lairmore	USA
Francesco Lo Coco	Italy
Michael Lübbert	Germany
Roland Mertelsmann	Germany
Tamoki Naoe	Japan
Jesus F. San Miguel	Spain
Arinobu Tojo	Japan
Anna Turkina	Russia



## Faculty

Cestmir	Altaner	Bratislava, Slovacchia	William	Hall	Dublin, Ireland
Sergio	Amadori	Rome, Italy	Rüdiger	Hehlmann	Mannheim, Germany
Kenneth C.	Anderson	Wellesley, USA	Eva	Hellström-Lindberg	Stockholm, Sweden
Jane F.	Apperley	London, United Kingdom	Andreas	Hochhaus	Mannheim, Germany
Michele	Baccarani	Bologna, Italy	Dieter	Hoelzer	Frankfurt, Germany
Charles R.M.	Bangham	London, United Kingdom	Wolf-Karsten	Hofmann	Mannheim, Germany
Tiziano	Barbui	Bergamo, Italy	Ilaria	Iacobucci	Bologna, Italy
Bart	Barlogie	Little Rock, USA	Elias	Jabbour	Houston, USA
Giovanni	Barosi	Pavia, Italy	Amy	Johnson	Columbus, USA
Andrea	Biondi	Monza (MI), Italy	Hitoshi	Kiyoi	Nagoya, Japan
Clara D.	Bloomfield	Columbus, USA	H. Phillip	Koeffler	Los Angeles, USA
Mario	Boccardo	Torino, Italy	Nicholas	Kröger	Hamburg, Germany
Alan K.	Burnett	Cardiff, United Kingdom	Richard A.	Larson	Chicago, USA
Arsène	Burny	Bruxelles, Belgium	Ross	Levine	New York, USA
Federico	Caligaris Cappio	Milano, Italy	Alessandro	Levis	Alessandria, Italy
Michael A.	Caligiuri	Columbus, USA	Francesco	Lo Coco	Roma, Italy
Clara	Camaschella	Milano, Italy	Michael	Lübbert	Freiburg, Germany
Maria Domenica	Cappellini	Milano, Italy	Lucio	Luzzatto	Firenze, Italy
Michele	Cavo	Bologna, Italy	Francois-Xavier	Mahon	Bordeaux, France
Angelo Michele	Carella	Genova, Italy	Franco	Mandelli	Roma, Italy
Mario	Cazzola	Pavia, Italy	Guido	Marcucci	Columbus, USA
Francisco	Cervantes	Barcelona, Spain	Giovanni	Martinelli	Bologna, Italy
Luigi	Chieco Bianchi	Padova, Italy	Roland	Mertelsmann	Freiburg, Germany
Daniela	Cilloni	Orbassano (TO), Italy	Emili	Montserrat	Barcelona, Spain
Jan	Cools	Leuven, Belgium	Tariq	Mughal	Golden, United Kingdom
Paolo	Corradini	Milano, Italy	Martin C.	Müller	Mannheim, Germany
Jorge	Cortes	Houston, USA	Arnon	Nagler	Tel Aviv, Israel
Carlo M.	Croce	Columbus, USA	Tamoki	Naoe	Nagoya, Japan
Riccardo	Dalla Favera	New York, USA	Oliver G.	Ottmann	Frankfurt, Germany
Carmino	De Souza	Campinas, Brazil	Antonio P.	Palumbo	Torino, Italy
Hartmut	Döhner	Ulm, Germany	Pier Paolo	Pandolfi	Boston, USA
Konstanze	Döhner	Ulm, Germany	Fabrizio	Pane	Napoli, Italy
Hervå	Dombret	Paris, France	Francesco	Passamonti	Varese, Italy
Franca	Fagioli	Torino, Italy	Danilo	Perrotti	Columbus, USA
Brunangelo	Falini	Perugia, Italy	Antonio	Piga	Orbassano (TO), Italy
Pierre	Fenaux	Bobigny, France	Eliezer A.	Rachmilewitz	Holon, USA
Robin	Foà	Roma, Italy	Stefano	Sacchi	Modena, Italy
Genoveffa	Franchini	Bethesda, USA	Giuseppe	Saglio	Orbassano (TO), Italy
Francesco	Frassoni	Genova, Italy	Valeria	Santini	Firenze, Italy
Gianluca	Gaidano	Novara, Italy	Charles	Schiffer	Detroit, USA
Robert Peter	Gale	Los Angeles, USA	Simona	Soverini	Bologna, Italy
Andrea	Gallamini	Cuneo, Italy	Corrado	Tarella	Torino, Italy
Alfredo	Garzino Demo	Baltimore, USA	Ayalew	Tefferi	Rochester, USA
Paolo	Ghia	Milano, Italy	Arinobu	Tojo	Minato-ku, Japan
Jacques	Ghysdael	Orsay, France	Sante	Tura	Bologna, Italy
Frank	Giles	Chicago, USA	Anna	Turkina	Mosca, Russia
John M.	Goldman	London, United Kingdom	William	Vainchenker	Paris, France
David	Grimwade	London, United Kingdom	Richard	Van Etten	Medford, USA
François	Guilhot	Poitiers, France	Alessandro M.	Vannucchi	Firenze, Italy
Joëlle	Guilhot	Poitiers, France	Toshiki	Watanabe	Minato-ku, Japan



11:00 AM - 12:30 PM

**Session 1: Biologic and molecular characterization of AML**

Moderators: Clara Bloomfield, Sante Tura

- Secondary AML
- Clinical impact of NPM1 mutations in AML
- Prognostic impacts and clonal heterogeneity of recurrently identified mutations in AML
- The role of the microenvironment in AMLs

Valeria Santini  
Konstanze Döhner

Hitoshi Kiyoi  
Jacques Ghysdael

12:30 PM - 1:00 PM

**Kenneth McCredie Memorial Lecture**

Introduction: Roland Mertelsman

Clinical significance of prognostic molecular markers in adult AML

Clara Bloomfield

1:00 PM - 2:00 PM

Lunch and Poster walking

2:00 PM - 4:00 PM

**Session 2: Treating AML today**

Moderators: Franco Mandelli, Charles Schiffer

- Is APL a cured disease-what are the future challenges?
- Treatment options for AML in the elderly
- How should we manage AML in adolescents and young adults (AYA)?
- Who should be transplanted in first remission of AML?
- Genotype-adapted treatment trials in AML-Concepts of the AMLSG

Francesco Lo Coco  
Sergio Amadori

Richard Larson

Alan K. Burnett

Hartmut Döhner

4:00 PM - 5:00 PM

Open Coffee

4:00 PM - 6:00 PM

**Session 3: Treating AML tomorrow**

Moderators: Cestmir Altaner, Tamoki Naoe

- Therapeutic targeting of miR-associated mechanisms in AML
- Targeting mutated epigenetic modifiers in AML
- Where can we really use MRD in AML (excluding APL)?
- The future for immune therapy in AML. Stop being so negative
- GVHD and GVL: perspectives to modulate them in allotransplant for AML

Guido Marcucci  
Ross Levine

David Grimwade

Michael Caligiuri

Arnon Nagler

6:00 PM - 6:30 PM

**Yohei Ito Memorial Lecture**

Introduction: Tamoki Naoe

Is the new molecular subgrouping of AML clinically helpful and can new, specifically targeted, AML drugs be developed?

Charles Schiffer

6:30 PM - 8:00 PM

Opening Ceremony and Welcome Cocktail



8:15 AM - 10:15 AM

### Session 4: Multiple Myeloma

Moderators: Kenneth C. Anderson, Mario Boccadoro

- Staging and prognosis of multiple myeloma **Mario Boccadoro**
- First line therapy for young patients **Michele Cavo**
- First line therapy for elderly patients **Antonio P. Palumbo**
- New drugs in multiple myeloma **Kenneth C. Anderson**
- Curing myeloma – How to define and accomplish **Bart Barlogie**

10:00 AM - 11:00 AM

Open Coffee

10:15 AM - 12:30 PM

### Session 5: Acute Lymphoid Leukemia

Moderators: Carmino De Souza, Robin Foà

- ALL therapy in adults **Dieter Hoelzer**
- ALL therapy in children **Andrea Biondi**
- T ALL: new therapeutic perspectives? **Jan Cools**
- Transplant in ALL: which one and when **Hervé Dombret**
- Ph-positive ALL: the German approach **Oliver Ottmann**
- Ph-positive ALL: the Italian approach **Robin Foà**

12:30 PM - 1:00 PM

### John Moloney Memorial Lecture

Introduction: Federico Caligaris Cappio

B-raf and HCL **Brunangelo Falini**

1:00 PM - 2:00 PM

Lunch and Poster walking

2:00 PM - 3:30 PM

### Session 6: Focus on iron

Moderators: Clara Camaschella, Eliezer Rachmilewitz

- Molecular biology of iron overload **Clara Camaschella**
- Methods to quantify iron overload **Antonio Piga**
- Intracellular damage of iron overload in MDS **Eliezer Rachmilewitz**
- Chelation therapy in chronic anemias **Maria D. Cappellini**
- Chelation therapy in MDS **Daniela Cilloni**

3:30 PM - 4:00 PM

### Peter Hans Hofschneider Memorial Lecture

Introduction: John Goldman

Animal Models to study human leukemogenesis **Rick Van Etten**

4:00 PM - 5:00 PM

Open Coffee

4:00 PM - 5:30 PM

### Session 7: Focus on Stem Cell Transplant

Moderators: Jane Apperley, Angelo Michele Carella

- Haploidentical transplant **Nicholas Kröger**
- Cord blood transplant **Francesco Frassoni**
- Transplant in CML **Jane Apperley**
- Allo SCT for congenital anemias: the example of Diamond Blackfan disease **Franca Fagioli**

5:30 PM - 6:00 PM

### Howard Temin Memorial lecture

Introduction: Tariq Mughal

Deconstructing the molecular genetics of human leukemia and its therapeutic implications **Pier Paolo Pandolfi**

6:00 PM - 7:30 PM

### Celgene Sponsored Symposium with Cocktail Dinner



8:30 AM - 10:30 AM

**Session 8: MPNs**

Moderators: Francisco Cervantes, Tariq Mughal

- New mutations and pathogenesis of myeloproliferative neoplasms William Vainchenker
- Preclinical models of novel targets for treatment Alessandro M. Vannucchi
- Management of polycythemia vera Tiziano Barbui
- Prognostic scores in primary myelofibrosis Francisco Cervantes
- Therapeutic approaches in myelofibrosis Giovanni Barosi
- New drugs and new therapeutic strategies for primary myelofibrosis Ayalew Tefferi

10:30 AM - 11:30 AM

Open Coffee

10:30 AM - 12:30 PM

**Session 9: CML**

Moderators: Francois Guilhot, Anna Turkina

- ELN recommendations in 2013 Michele Bacarani
- New prognostic markers in CML Martin Müller
- First line therapy in CML: which is the best? Andreas Hochhaus
- Can treatment discontinuation become the ultimate goals of CML therapy? François Guilhot
- Different TKIs and strategies for CML therapy: advantages and disadvantages of different approaches Jorge Cortes
- New targets in CML therapy Danilo Perrotti
- Open problems in CML research John Goldman

12:30 PM - 1:00 PM

**Sol Spiegelman Memorial Lecture**

Introduction: Arsène Burny

CML in 2013: how can we best predict and improve outcome? Rüdiger Hehlmann

1:00 PM - 2:00 PM

Lunch and Poster walking

2:00 PM - 4:00 PM

**Session 10: MDS**

Moderators: Pierre Fenaux, Michael Lübbert

- Genetic Alterations in MDS: which are the driver mutations? H. Phillip Koefler
- Towards a molecular classification and prognostication of MDS Mario Cazzola
- Therapeutic interventions to target the molecular defects in lower-risk MDS Eva Hellström-Lindberg
- Recent advances in epigenetic therapy of MDS and secondary AML Michael Lübbert
- Novel agents in the treatment of myelodysplastic syndroms and chronic myelomonocytic leukemia Elias Jabbour
- Activities of the GFM-Study-Group: from anti-angiogenetic therapy to allografting of MDS Pierre Fenaux
- Activities of the German MDS Research Consortium Wolf-Karsten Hofmann

4:00 PM - 5:00 PM

Open Coffee

4:00 PM - 5:30 PM

**Session 11: Chronic Lymphocytic Leukemia**

Moderators: Federico Caligaris-Cappio, Carlo Croce

- Molecular pathogenesis of CLL and of its evolution Carlo Croce
- Prognostic markers in CLL Emili Montserrat
- Monoclonal B-cell lymphocytosis Paolo Ghia
- Molecular genetics of high-risk chronic lymphocytic leukemia Gianluca Gaidano
- Novel therapies for CLL Amy J. Johnson

5:30 PM - 6:00 PM

**Frank Rauscher Memorial Lecture**

Introduction: Tariq Mughal

Hematological neoplasms after exposure to ionizing radiations Robert P. Gale

6:00 PM - 7:30 PM

**Novartis Sponsored Symposium with Cocktail Dinner**



8.30 AM - 10:00 AM

**Session 12: Nanotechnologies for innovative clinical research**

Moderators: Giovanni Martinelli, Fabrizio Pane

- Methods to identify novel candidate cancer genes: what is new? **Ilaria Iacobucci**
- The “essential” molecular lab for present clinical practice **Fabrizio Pane**
- Whole genome sequencing: a true perspective in clinical practice? **Giovanni Martinelli**
- Ultra-deep sequencing: the future of mutation analysis? **Simona Soverini**

10:00 AM - 10:30 AM

Coffee Break

10:30 AM - 1:00 PM

**Session 13: Viruses and hematological malignancies**

Moderators: Luigi Chieco Bianchi, Genoveffa Franchini

- Models for HIV eradication strategies **Genoveffa Franchini**
- B cell lymphoma in HIV infection - does HIV have anything to do with it? **Alfredo Garzino Demo**
- Hematological neoplasms and viral Infections **Toshiki Watanabe**
- Adult T-Cell leukemia **Arinobu Tojo**
- Regulation of oligoclonality in HTLV-1 infection **Charles R.M. Bangham**
- Human T lymphotropic viruses **William Hall**

1:00 PM - 1:30 PM

**Charlotte Friend Memorial Lecture**

Introduction: Toshiki Watanabe

PNH: a clonal non-neoplastic hematopoietic disease **Lucio Luzzatto**

1:30 PM - 2:30 PM

Lunch

2:30 PM - 3:00 PM

**Special Lecture**

Introduction: Giuseppe Saglio

Molecular pathogenesis of Diffuse Large B cell lymphomas

**Riccardo Dalla Favera**

3:00 PM - 5:00 PM

**Session 14: Lymphoid malignancies**

Moderators: Riccardo Dalla Favera, Stefano Sacchi

- Hodgkin's Lymphomas **Alessandro Levis**
- Follicular Lymphomas **Corrado Tarella**
- Therapy Diffuse Large B-Cell Lymphomas **Carmino De Souza**
- The predictive value of PET **Andrea Gallamini**
- Auto and allo transplantation in PTCL: what can be considered a standard? **Paolo Corradini**

5:00 PM - 5:15 PM

Closing remarks

**Giuseppe Saglio**

## General information

### MEETING VENUE

#### Lingotto Fiere

Via Nizza, 294 - 10126 Torino - Italy  
Ph.: +39 011 66 44 111 - Fax: +39 011 66 46 642

### HOW TO REACH THE MEETING VENUE

You can find the information to reach to meeting venue on the website: [www.iacrld2013.com](http://www.iacrld2013.com).

### LANGUAGE

The Conference will be in English with no simultaneous translation into other languages.

### BADGES

All registered participants, speakers and exhibitors will be given a badge which they must wear to be admitted to the scientific sessions.

### REGISTRATION FEES

IACRLRD members	free
Participants under 35 years	Euro 200,00 (VAT included)
Others	Euro 500,00 (VAT included)

The registration fees include:

- participation in the scientific sessions
- lunches and coffee breaks
- access to the exhibition area
- welcome cocktail
- attendance certificate
- abstracts of the meeting

### HOW TO REGISTER

Fill in the form available online on the website [www.iacrld2013.com](http://www.iacrld2013.com)

### HOTEL RESERVATION

#### Viaggi Salvadori Srl

Via Ugo Bassi, 13 - 40121 Bologna - Italy  
Phone +39 051 263281 - Fax +39 051 224426  
E-mail: [turin@viaggisalvadori.it](mailto:turin@viaggisalvadori.it)

Download the Hotel Registration Form from the website of the meeting: [www.iacrld2013.com](http://www.iacrld2013.com), fill in and send it to Viaggi Salvadori.

## Scientific information



### ATTENDANCE CERTIFICATE

A certificate will be given to all participants at the end of the Conference.

### ITALIAN CME

The Italian Ministry of Health allows:

- **no. 8 credits** for physicians, biologists and technicians who attend the meeting on September 11th and 12th, 2013
- **no. 8 credits** for physicians, biologists and technicians who attend the meeting on September 13th and 14th, 2013

### EUROPEAN CME

The European Hematology Association allows **no. 32 credits** for physicians and biologists.

### CALL FOR ABSTRACT FOR POSTER SESSION

We invite all investigators to submit abstracts to the Organizing Secretariat: [c.fiorini@triumphgroup.it](mailto:c.fiorini@triumphgroup.it) - **by May 30, 2013**.

- Language: English
- Text: Max 250 words (excluding spaces).  
The word count does not include title, author names or affiliations
- Topic
- Title in capital letter
- Authors (Name and Surname) and affiliations
- Bibliography (max 10 references)

Please choose the topic among the following ones:

1. Acute Lymphoid Leukemia
2. Acute Myeloid Leukemia
3. Chronic Lymphocytic Leukemia
4. Chronic Myeloid Leukemia
5. Myelodysplastic Syndromes
6. MPNs
7. Multiple Myeloma
8. Nanotechnologies for Innovative Clinical Research
9. Stem Cell Transplant
10. Viruses and Hematological Malignancies

We will provide no. 20 travel grants of Euro 500,00 each and free registration to the best abstracts submitted by young investigators. Please send a short cv together with the abstract.

### CHANGES

Part of the program may be changed if necessary without notices.