
FIFTH INTERNATIONAL SYMPOSIUM ON SECONDARY LEUKEMIA AND LEUKEMOGENESIS

HONORARY PRESIDENT: GIUSEPPE LEONE

CONGRESS ORGANIZERS: FRANCESCO LO COCO, LIVIO PAGANO, MARIA TERESA VOSO

ROMA, SEPTEMBER 22-24, 2016

NH Collection Vittorio Veneto Hotel



Program

www.secondaryleukemia2016.com

Dear Colleague,

we are pleased to welcome you to the "5th International Symposium on Secondary Leukemia and Leukemogenesis" in Rome on September 22 -24, 2016. This conference has long since become a traditional, well established meeting that gathers together renowned scientists, from all over the globe. In fact, basic science, translational and clinical experts will update the audience on most recent advances related to both laboratory and clinical research in secondary leukemias. In this field, new scenarios have recently emerged and certain mutations frequent in therapy-related leukemias (e.g. TP53), have been identified in patients' bone marrow at the time of the primary malignancy, before the administration of any cytotoxic therapy, indicating a pre-existing minor clone which expands under the selective pressure of cytotoxic treatment. In addition, somatic mutations in genes recurrently involved in acute myeloid leukemia and myelodysplastic syndromes have been identified in the peripheral blood of normal elderly individuals, changing the concept of susceptibility and correlating it not only to germ-line, but also to acquired genetic changes. The "Fifth International Symposium on Secondary Leukemia and Leukemogenesis" will provide a comprehensive update on clinical and biological issues of this changing landscape, hopefully providing new perspectives for future prevention and treatment of this late complication of cancer therapy. The symposium offers a great opportunity for young investigators interested in the field to present their work in dedicated oral and poster session.

We wish you enjoy both the meeting and the Eternal City!

Francesco Lo Coco

Livio Pagano

Maria Teresa Voso

HONORARY PRESIDENT

Giuseppe Leone

CONGRESS ORGANIZERS

Francesco Lo Coco

Livio Pagano

Maria Teresa Voso

SCIENTIFIC SECRETARIAT

Claudia Carissimo

Emiliano Fabiani

Luana Fianchi

Serena Lavorgna



Under the Auspices of
UNIVERSITÀ DI ROMA TOR VERGATA
UNIVERSITÀ CATTOLICA DEL SACRO CUORE
SIE - SOCIETÀ ITALIANA DI EMATOLOGIA



FIFTH
INTERNATIONAL SYMPOSIUM ON
SECONDARY LEUKEMIA
AND LEUKEMOGENESIS

FACULTY

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William	Arcese	Rome, Italy
Giuseppe	Avvisati	Rome, Italy
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Tiziano	Barbui	Bergamo, Italy
Andrea	Biondi	Monza-MB, Italy
Mario	Cazzola	Pavia, Italy
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Giuseppe	Cimino	Rome, Italy
Antonio	Cuneo	Ferrara, Italy
Valerio	De Stefano	Rome, Italy
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Stefan	Hohaus	Rome, Italy
Andrea	Kuendgen	Dusseldorf, Germany
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Michelle M.	Le Beau	Chicago, USA
Giuseppe	Leone	Rome, Italy
Francesco	Lo Coco	Rome, Italy
Giovanni	Martinelli	Bologna, Italy
Cristina	Mecucci	Perugia, Italy
Clara	Nervi	Rome, Italy
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Agostino	Tafari	Rome, Italy
Daniel G.	Tenen	Boston, USA
Adriano	Venditti	Rome, Italy
Maria Teresa	Voso	Rome, Italy
Matthew J.	Walter	St. Louis, USA

THURSDAY, SEPTEMBER 22, 2016

12.00-12.40 **Light Lunch**

12.40-13.40 **Opening Ceremony**

G. Leone

Lecture I

Chairman: F. Lo Coco

- Senescence and cancer

P.G. Pelicci

- Therapy-related myeloid neoplasm: who really has it ?

R.P. Gale

13.40-14.45 **Age-related clonal hematopoiesis**

Chairmen: A. Cuneo, D.G. Tenen

- Acquisition of somatic mutations and blood cancer risk

M. Cazzola

- Clonal hematopoiesis, isolated cytopenias and differences with myelodysplastic syndromes

P. Fenaux

Selected Abstract:

- Clonal evolution in therapy-related neoplasms

E. Fabiani

14.45-15.15 **GILEAD Sponsored Lecture**

Chairman: M.A. Sanz

Invasive fungal complications in secondary leukemia

L. Pagano

15.15-15.45 **Coffee Break**

15.45-18.15 **Biology of therapy-related myeloid neoplasms**

Chairmen: M.M. Le Beau, C. Nervi

- Mutational landscape of therapy-related versus other secondary leukemias

M.J. Walter

- Molecular analysis of del(5q) t-MN and identification of haploinsufficient tumor suppressor genes on 5q

M.M. Le Beau

- TP53 as major player in leukemogenesis and t-MN

G. Martinelli

- Epigenetic differences in t-MN according to the primary tumor

M.E. Figueroa

Selected Abstracts:

- Baseline predictors of mortality in patients with relapsed or refractory acute myeloid leukemia (AML) treated with vosaroxin plus cytarabine or placebo plus cytarabine in the phase 3 valor study

A.M. Carella

- The ELN risk classification has prognostic relevance also in elderly patients with secondary acute myeloid leukemia and may support treatment decisions. A retrospective multicentric study of the rete ematologica lombarda (REL)

M. Farina

FRIDAY, SEPTEMBER 23, 2016

9.00-10.30 **Epidemiology, cytogenetic and clinical features of t-MN**

Chairmen: S. Amadori, G. Specchia

- Epidemiology of t-MN: an evolving scenario? S.M. Ramadan
- Cytogenetics and molecular biology C. Mecucci
- Differences between therapy-related and secondary leukemias R.A. Larson

10.30-11.00 **Coffee Break**

11.00-11.30 **Lecture II**

Chairman: M. Cazzola

WHO 2016 classification of AML B. Falini

11.30-13.00 **Secondary leukemias and primary malignancies**

Chairmen: M. Bacarani, V. De Stefano

- Myeloproliferative disorders T. Barbui
- Lymphoproliferative disorders S. Hohaus
- Strategies to minimize the occurrence of t-MN:
the paradigm of childhood ALL A. Biondi

Selected Abstract:

- Comparative genomic analysis of PML and RARA breakpoints in paired diagnosis/relapse samples of patients with acute promyelocytic leukemia treated with atra and chemotherapy L. Iaccarino

13.00-13.30 **CELGENE Sponsored Lecture**

Chairman: A. Tafuri

Treatment of low-blast count AML M.T. Voso

13.30-14.30 **Light Lunch**

14.30-16.00 **Leukemogenesis according to the type of exposure**

Chairmen: D. Grimwade, F. Pane

- Mitoxantrone S.K. Hasan
- Radiotherapy R.A. Larson
- A-bombs and environmental exposures R.P. Gale
- The role of embryonic stem (ES) cell factor SALL4 in MDS/AML L. Chai

16.00-16.30 **TEVA Sponsored Lecture**

Chairman: G. Avvisati

Acute promyelocytic leukemia as a second tumor F. Lo Coco

SATURDAY, SEPTEMBER 24, 2016

- 9.00-9.30 **Lecture III**
Chairman: G. Cimino
Regulation of DNA methylation by RNA D.G. Tenen
- 9.30-11.45 **Natural history of t-MN and treatment**
Chairmen: W. Arcese, S. Sica
- Therapy-related MDS: are prognostic scores applicable? A. Kuendgen
 - Differential treatment approaches for therapy-related acute leukemias A. Venditti
 - Role of allogeneic transplantation A. Rambaldi
 - Clinical effect of somatic mutations in t-MN treated with allogeneic stem cell transplantation M.G. Della Porta
- Selected Abstracts:**
- Monocentric observational study on secondary haematological neoplasms (t-HN) treated with allogeneic hematopoietic stem cell transplantation S. Sica
 - Survival Improvement in Therapy Related Myeloid Neoplasm: Gustave Roussy Cancer Center experience over the last 30 years J.M. Micol
- 11.45 **Closing Remarks**

GENERAL INFORMATION

Meeting venue

NH Collection Vittorio Veneto Hotel
Corso d'Italia, 1 - 00198 Rome, Italy
www.nh-collection.com

Event website

www.secondaryleukemia2016.com

Official Language

English

Registration Fee

Online registration:

SIE/SIES/ASH/EHA/GIMEMA Members	Euro 250,00 (VAT included)
Non Members	Euro 300,00 (VAT included)
Attendees under 30 years	Free

On site registration:

SIE/SIES/ASH/EHA/GIMEMA Members	Euro 300,00 (VAT included)
Non Members	Euro 350,00 (VAT included)
Attendees under 30 years	Free

You must be a member at the time of registration to apply for member rate. Applicants approved for membership after registering for the meeting will not be refunded the difference between the member and non-member rates. The registration fee includes: conference kit, participation in the scientific sessions, attendance certificate, coffee breaks, lunch, slides of the meeting.

Badge

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

Attendance certificate

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

Italian CME Credits

A request for Italian CME credits have been made as follows:

- Provider Studio ER Congressi SRL: ID 828-164038.
- No. 9 CME credits for Physicians (disciplines: Clinical Biochemistry, Hematology, Medical Genetics, Internal Medicine, Microbiology and Virology, Oncology, Clinical Pathology), Biologists and Biomedical Laboratory Technician.
- Educational objective: "guidelines-protocols-procedures".

EBAH CME Credits

The program of the "Fifth International Symposium on Secondary Leukemia and Leukemogenesis" meeting has been reviewed and approved for CME accreditation by the European Board for Accreditation in Hematology (EBAH), an independent accreditation body endorsed by EHA. The EBAH has approved this educational activity for no. 12 CME credits for Physicians, Biologists and Laboratory Technicians. To request credits, please fill out the form and return it to the registration desk at the end of the meeting.

We remind you that it is necessary to have an EBAH-CME account in order to claim for credits. Attendees can create an EBAH-CME account registering on the website: <http://ebah.org> even on site.

Changes

Parts of the program may be changed without notice.

With an unrestricted educational grant of:



2016
Dieci anni in Italia.



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