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TOR VERGATA
UNIVERSITÀ DEGLI STUDI DI ROMA

STARBIOS2

## SCIENTIFIC SECRETARIAT


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President of Associazione Italiana Donne Medico (AIDM)


### CME EVENT N. 277601 (Provider Asti Incentives & Congressi ID 5468)

The Meeting obtained n. 6,3 credits for the following professions: Physician, Byologist, Pharmacist, Biomedical Laboratory Technician and Nurse

### LANGUAGE

The official language is Italian. Translation will not be provided

### REGISTRATION

Registration is free, but mandatory (limited number of participants). In order to register please visit www.aicgroup.it (congresses 2019) or scan the QR code below

**Online registration**

### EDUCATIONAL TARGETS

Guidelines-Protocols-Procedures

### CME CERTIFICATE

To receive CME credits all forms must be returned on-site to the Provider A.I.C. Asti Incentives & Congressi that will check:
- if all sessions have been attended;
- if the 75% of the answers of the quiz are correct;
- if all forms are well completed

### CERTIFICATE OF ATTENDANCE

Certificate of Attendance can be collected at registration desk only at the end of the Meeting

### CONGRESS ORGANISER AND CME PROVIDER 5468


**A.I.C. Asti Incentives & Congressi Srl**
**P.zza San Uomobono, 30 - 56126 Pisa**
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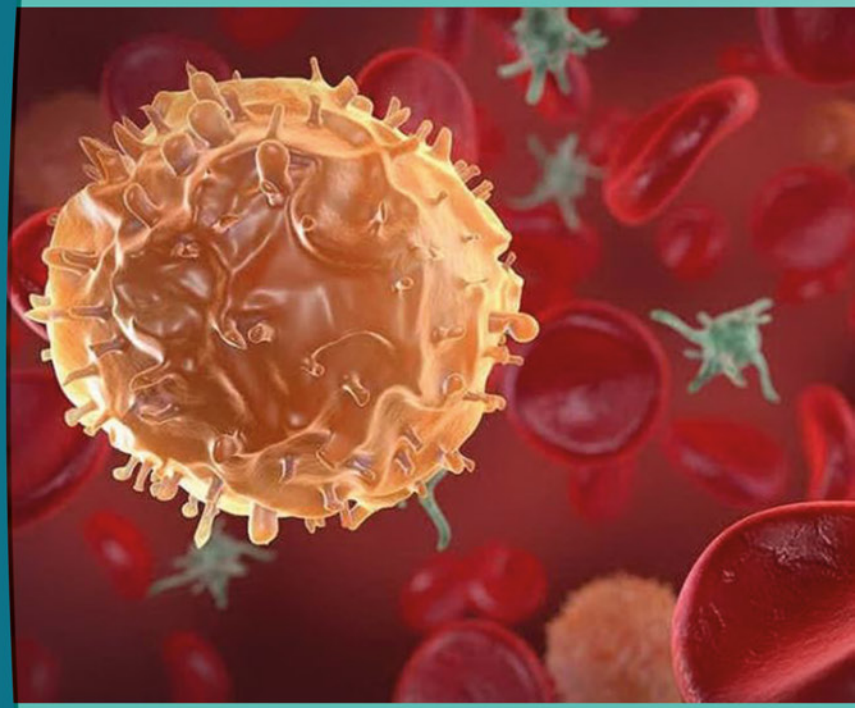

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**University of Rome Tor Vergata**
Auditorium Ennio Morricone

# GENDER MEDICINE IN HEMATOLOGY: COMMON SIDES?

## 12/13 December 2019



### SCIENTIFIC COORDINATORS

**Maria Ilaria Del Principe**
**Maria Morello**

### CONGRESS VENUE

**Auditorium Ennio Morricone Faculty of Literature and Philosophy University of Rome Tor Vergata**
Via Columbia, 1
00133 Roma

**CME EVENT 277601: CREDITS: 6,3**

## RATIONAL

The aim of this meeting is to focus the role of gender on development, incidence and response to therapy ofhematological malignancies. Several epidemiological studies in lymphocytic leukemias and lymphomas demonstrated higherincidence and poorer prognosis in males, whereas females are reported to have a better prognosis and response to therapy. In addition development and progression of hematological malignancies would also participate mechanisms related to gender, such as expression of endogenous retroviruses, levels of sex hormones, response to them by hormone receptors, and genus-related vitamins. During the meeting, the role of gender on pharmacology in hematological diseases will therefore also discussed. Recent reports demonstrated that the sex is able to influence the pharmacological response in term of efficacy and toxicity also in hematological diseases supporting the idea that female sex seems be a risk factor for clinically relevant adverse drug reactions. The study of the pathogenic mechanisms underlying gender differences, will contribute to identify a specific treatment (linked to gender) that may increase the success rates. In the current era of pharmacological innovation, it is useful that the use of "personalized drugs" by development of small molecule which target specific molecular pathways involved in hematologic malignancies progression can improve results and reduce toxicity.

## THURSDAY, 12 DECEMBER 2019

13.30 Registrations

14.00 - 14.40 Welcome and introduction - ***M. I. Del Principe, M. Morello***
Official greetings of Authorities
***O. Schillaci, Rector of University of Rome Tor Vergata***
***G. Bosco***, Head of Department of Medicine and Surgery
***R. Boldi***, Chamber of Deputies
***F. Bologna***, Chamber of Deputies, Associazione Italiana Donne Medico (AIDM)
***A. De Lorenzo***, Director of Department of Biomedicine and Prevention
***M. Formica***, History Department, Faculty of Literature and Philosophy
Introduction to Gender Medicine - ***A. Carè***
***C. Ermio***, ***A. Vezzani***, Associazione Italiana Donne Medico (AIDM)

### I SESSION: INNOVATIVE TREATMENTS IN HEMATOLOGY

CO-CHAIRS: ***W. Arcese, G. Minotti***

14.40 - 15.15 **Lectio Magistralis**
CAR-T therapy: new frontier in the treatment of leukemia - ***F. Locatelli***

15.15 - 15.35 Recent progress in acute lymphoblastic leukemia - ***S. Chiaretti***

15.35 - 15.55 New agents and acute myeloid leukemia - ***A. Venditti***

15.55 - 16.15 *Coffee Break*

16.15 - 16.35 Hypomethylating agents and Myelodysplastic Syndrome - ***L. Maurillo***

16.35 - 16.55 Treating lymphoma in the new millenium - ***M. Martelli***

16.55 - 17.20 Cardiovascular toxicity of Targeted Cancer Drugs: Lessons from ponatinib - ***P. Menna***

17.20 - 17.50 Discussion

## FRIDAY, 13 DECEMBER 2019

### II SESSION: GONADAL HORMONES IN ONCOHEMATOLOGY

CO-CHAIRS: ***A. Carè, M. Morello***

09.30 - 10.00 Sex dependent association of circulating sex steroids and pituary hormones with treatment-free survival in chronic lymphocytic leukemia - ***K. Vanura***

10.00 - 10.30 Sex-divergent clinical outcomes and precision medicine: an important new role for institutional review boards and research ethics committee - ***I. Segarra***

10.30 - 11.00 Role of estrogen receptor in cellular homeostasis - ***E. Straface***

11.00 - 11.20 Discussion

11.20 - 11.40 *Coffee Break*

### III SESSION: NEW TUMOR MARKERS IN HEMATOLOGY: OUTLOOK FOR THE FUTURE

CO-CHAIRS: ***C. Matteucci, G. Melino***

11.40 - 12.00 Endogenous retroviruses in cancer and haematological disorders - ***C. Matteucci***

12.00 - 12.20 Aberrant expression of endogenous retroviruses in chronic lymphocytic leukemia: new opportunity for the intervention? - ***E. Balestrieri***

12.20 - 12.40 Sexual dimorphism in the immune response. New perspectives in the neoplastic immunotherapy - ***P. Marchetti***

12.40 - 13.00 MicroRNA and LNH - ***A. Ruggieri***

13.00 - 13.20 Discussion

13.20 - 14.30 *Lunch*

### IV SESSION: HYPOVITAMINOSIS

CO-CHAIRS: ***G. Del Poeta, M. I. Del Principe***

14.30 - 14.50 Role of vitamins on myeloid neoplasms - ***M. T. Voso***

14.50 - 15.10 Vitamin D deficiency and supplementation in patients with aggressive B-cell lymphomas treated with immunochemotherapy - ***S. Hohaus***

15.10 - 15.30 Hypovitaminosis D: definition and its possible roles - ***S. Minisola***

15.30 - 15.50 Sex and gender as key variable in the research project: the European approach - ***C. Montesano***

15.50 - 16.10 Discussion

### V SESSION: GENDER DIFFERENCES AND THEIR IMPACTS ON HEMATOLOGY UNIT

CO-CHAIRS: ***A. Moretti, A. Vezzani***

16.10 - 16.30 Gender medicine and oncohematology: women, men and children: "precision medicine" - ***L. Melillo***

16.30 - 16.50 The management of the oncohematological patients: relations to the gender - ***A. Guarini***

16.50 - 17.10 Discussion

17.10 - 17.30 Closing remarks and CME questionnaire

## FACULTY

**W. Arcese** *(Roma)*
**E. Balestrieri** *(Roma)*
**A. Carè** *(Roma)*
**S. Chiaretti** *(Roma)*
**G. Del Poeta** *(Roma)*
**M. I. Del Principe** *(Roma)*
**C. Ermio** *(Lamezia Terme)*
**A. Guarini** *(Bari)*
**S. Hohaus** *(Roma)*
**F. Locatelli** *(Roma)*
**P. Marchetti** *(Roma)*
**M. Martelli** *(Roma)*
**C. Matteucci** *(Roma)*
**L. Melillo** *(San Giovanni Rotondo)*
**L. Maurillo** *(Roma)*
**G. Melino** *(Roma)*
**P. Menna** *(Roma)*
**G. Minotti** *(Roma)*
**S. Minisola** *(Roma)*
**C. Montesano** *(Roma)*
**M. Morello** *(Roma)*
**A.M. Moretti** *(Bari)*
**A. Ruggieri** *(Roma)*
**I. Segarra** *(Murcia, Spain)*
**E. Straface** *(Roma)*
**K. Vanura** *(Vienna, Austria)*
**A. Venditti** *(Roma)*
**A. Vezzani** *(Parma)*
**M.T. Voso** *(Roma)*