

1st Clinical & Biological School  
*of*  
**CAR-T**

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**24 - 25**  
Feb. 2022

**Rome, Italy & Virtual**

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Associazione Italiana di Oncologia Medica



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GITMO

GRUPPO ITALIANO PER IL TRAPIANTO DI MIDOLLO OSSEO, CELLULE STAMINALI EMORPOETICHE E TERAPIA CELLULARE



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Ordine  
Nazionale  
Biologi



Società Italiana Ematologica  
SIES



SOCIETÀ ITALIANA DI FARMACOLOGIA

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In Association with



society of hematologic oncology

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DEI TUMORI  
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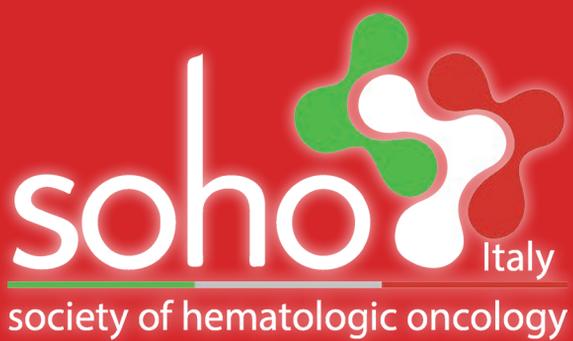




## SUMMARY

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With the Patronage	1
Summary	3
About SOHO Italy	4
Presidents	6
Scientific Board	7
Scientific Secretariat	8
Big Faculty	8
Young Faculty	9
Rationale	10
Key Information	12
General Information	13
Public Transport	14
Program Table	15
24 Feb.	18
25 Feb.	22





## What is SOHO Italy?

The Italian Society of Hematologic Oncology is bringing together leading SOHO experts and top Italian researchers in acute leukemias, MPDs and MDSs, aims to consolidate the Italian Hematology-SOHO partnership.

## Purpose

The aim of the association is the integration of the clinical-scientific activities of IRST Meldola and MD Anderson Cancer Center and the improvement of the clinical-therapeutic approach to patients with hematologic malignancies.

## Represented by

The Society SOHO Italy is represented by G. Martinelli and C. Cerchione, IRST Meldola, and H. Kantarjian, E. Jabbour, M. Konopleva, N. Daver, MD Anderson Cancer Center.



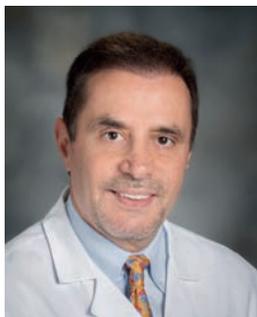
# President

## Claudio Cerchione



Since 2018, he works in Hematology Unit of Istituto Scientifico Romagnolo per lo Studio e la Cura dei Tumori Dino Amadori (IRST) IRCCS. He also has spent international research experiences in Friedrich-wilhelms universität, Bonn, Germany, in Universidade de Coimbra, Portugal, collaborating in their clinical and research projects, and in MD Anderson Cancer Center, Houston, USA, where he was nominated Ambassador of SOHO (Society of Hematologic Oncology). He is member of the editorial boards of many scientific journals, and member of several international societies, including the Society of Hematologic Oncology (SOHO), American Society of Hematology (ASH), European Hematology Association (EHA) and Italian Society of Hematology (SIE).

## Hagop Kantarjian



Hagop Kantarjian, M.D. is professor and chair of the Department of Leukemia at The University of Texas MD Anderson Cancer Center, where he is also the Samsung Distinguished Leukemia Chair in Cancer Medicine. He is also a non-resident fellow in health policy at the Rice University Baker Institute. Doctor Kantarjian has received several prestigious honours and awards including the 37th Jeffrey A Gottlieb Memorial Award (2012), the John Mendelsohn Lifetime Scientific Achievement Award (2008), the Joseph H. Burchenal Memorial Award (2013), the Charles A. LeMaistre, M.D. Outstanding Achievement Award in Cancer (2014), and America's Top Doctors, Castle Connolly Medical (2003 - present). He was also selected the top Castle Connolly National Physician of the Year Award for Lifetime Achievement (2014). Doctor Kantarjian's research focuses on translational-clinical developmental therapeutics.

## Giovanni Martinelli



As of 1 January 2018, Professor Giovanni Martinelli is scientific director of Istituto Scientifico Romagnolo per lo Studio e la Cura dei Tumori Dino Amadori (IRST) IRCCS, in Meldola (FC), Italy. Until December 2017, Professor Giovanni Martinelli was associate professor of Hematology at the Institute of Hematology "L. & A. Seragnoli", Azienda Ospedaliera S. Orsola - Malpighi at the University of Bologna, Italy. His main fields of research are AML, ALL and CML, including research on targeted therapies in major hematological syndromes: Acute Leukemias, CML (both Philadelphia-chromosome positive and non - positive), and hypereosinophilic syndrome.



# Scientific Board



Anderson Kenneth



Konopleva Marina



Cerchione Claudio



Locatelli Franco



Daver Naval G.



Martinelli Giovanni



De La Fuente Adolfo



Mazza Massimiliano



Jabbour Elias



Musuraca Gerardo



Jain Nitin



Kantarjian Hagop



# Scientific Secretariat

Anderson Kenneth  
Cerchione Claudio  
Daver Naval G.  
De La Fuente Adolfo  
Jabbour Elias  
Jain Nitin

Kantarjian Hagop  
Konopleva Marina  
Locatelli Franco  
Martinelli Giovanni  
Mazza Massimiliano  
Musuraca Gerardo

## Big Faculty

Anderson Kenneth  
Battistelli Luca  
Caruso Simona  
Cerchione Claudio  
Ciceri Fabio  
Daver Naval G.  
De La Fuente Adolfo  
Dominici Massimo  
Isidori Alessandro  
Jabbour Elias  
Jain Nitin  
Kantarjian Hagop

Konopleva Marina  
Locatelli Franco  
Malagola Michele  
Mariotti Paolo  
Martinelli Giovanni  
Mazza Massimiliano  
Nanni Oriana  
Olivieri Attilio  
Quintarelli Concetta  
Rambaldi Alessandro



# Young Faculty

## Call for Abstracts

Topics:

- biology of CAR-T
- CAR-T Clinical Projects
- CAR-T Real Life experiences
- CAR-T Related supportive care

The selected abstracts will be published by Hematology Reports, our official journal, and the best abstract could win a FREE REGISTRATION at SOHO ANNUAL CONFERENCE in September 2022 in Houston.

Our aim is to create an international team, integrating a big faculty composed by international experts, which will integrate with a group of young researchers with known experience in this disease "SOHO CAR-T cantera". The "cantera" (Under40) will be selected through projects' submission and CV evaluation, which will be performed by the big faculty, and will be able to be integrated in next editions.

## Hematology Reports





# CAR - T

## *Rationale*

The last 4–5 years have ushered in a new era in hematological malignancies therapy, with the advent and approval of multiple novel agents, between which CAR-T cell approaches are playing a important role.

At the same time, there is an increasing understanding of tumor biology, creating the rationale for new combinations of drugs and new therapy development.



The numerous ongoing trials evaluating the role of CAR-T in different tumors, with well-designed correlative interrogations of the immune system in patients treated in such trials, will further enhance our understanding of these new opportunities.

In this scenario, our aim is to create an international team, integrating a big faculty composed by international experts, which will integrate with a group of young researchers with known experience in this disease (“SOHO CAR-T cantera”), in order to share projects and preclinical and clinical new clinical trials, in different fields of these heterogeneous diseases.



# Key Information

## VENUE

NH Collection Roma Vittorio Veneto  
Corso d'Italia, 1, 00198 Roma, Italy

## MEETING

24 feb. 2022

25 feb. 2022

Ita

09.30 - 19.40

08.30 - 15.30

Tx

02.30 am - 12.40 pm

01.30 - 08.30 am

## SOCIAL MEDIA

Soho Italy is active on various social media platform. Follow us on the networks below and get real-time updates:



Facebook: Soho Italy



Twitter: @sohoitaly



Linkedin: Soho Italy



Instagram: sohoitaly

#SOHOItaly2022

## INTERNET

WiFi is available in all areas.





# General Information

## LANGUAGE

The official language during the congress is English, therefore, all presentations will be given in English.

## CLIMATE

The average temperature is around 3 - 14 degrees.

## BANKING SERVICE

The official currency in Rome is the Euro. Foreign currencies can be exchanged at banks, which are usually open from Monday to Friday from 08:30 to 13:30.

## HOTEL INFORMATION

For hotel information and reservations please visit the Hotels & Groups Desk.

## TAXI

The single number to call a taxi is 060609, for other utilities on the taxi service, see [www.060608.it](http://www.060608.it).





# Public Transports

## From Fiumicino Airport

**Train:** The hotel is located 30 km from the airport. You may take a train to Stazione Termini. From there, you can take the underground (Line A) and get off at either Barberini or Spagna.

**Taxi:** It's a 37 minutes trip and is around €65.

**Aerobus shuttle:** Departs every 30 - 45 minutes and costs 6€. Drop off at Stazione Termini and from there its the Bus line 910 toward Mancini for 4 stops.

## From the train station

**Closest metro station:** Barberini

100min Ticket: 1.50€ 24h Ticket: 7.00€ 48h Ticket: 12.50€ 72h

Ticket: 18.00€ 7-day Ticket: 24.00€

## By car

**The hotel's GPS Coordinates:** 41.91018°N; 12.49030300000004°E

**Parking:** Offsite. €5/hour, €30-40 per day depending on the model of the car





# Program Table

Thursday  
Feb. 24

08.00

Ita

Tx

09.00

09.30 - 10.00 02.30 - 03.00 am

Opening and introduction to the project

10.00

10.00 - 13.40 03.00 - 06.40 am

11.00

Biology of CAR-T treatments

12.00

13.00

13.40 - 17.20 06.40 - 10.20 am

14.00

15.00

Acute Leukemias

16.00

17.00

17.20 - 18.40 10.20 - 11.40 am

18.00

CART in Lymphoproliferative diseases

19.00

18.40 - 19.40 11.40 am 12.40 pm

20.00

CART Real World

21.00



# Program Table

Friday  
Feb. 25

Ita

Tx

08.00

09.00

10.00

11.00

12.00

13.00

14.00

15.00

16.00

17.00

18.00

19.00

20.00

21.00

16

08.30 - 13.00 01.30 - 06.00 am

Young session  
Selected oral presentations with project presentations in  
different categories

13.00 - 14.30 06.00 - 07.30 am

Lunch Symposium

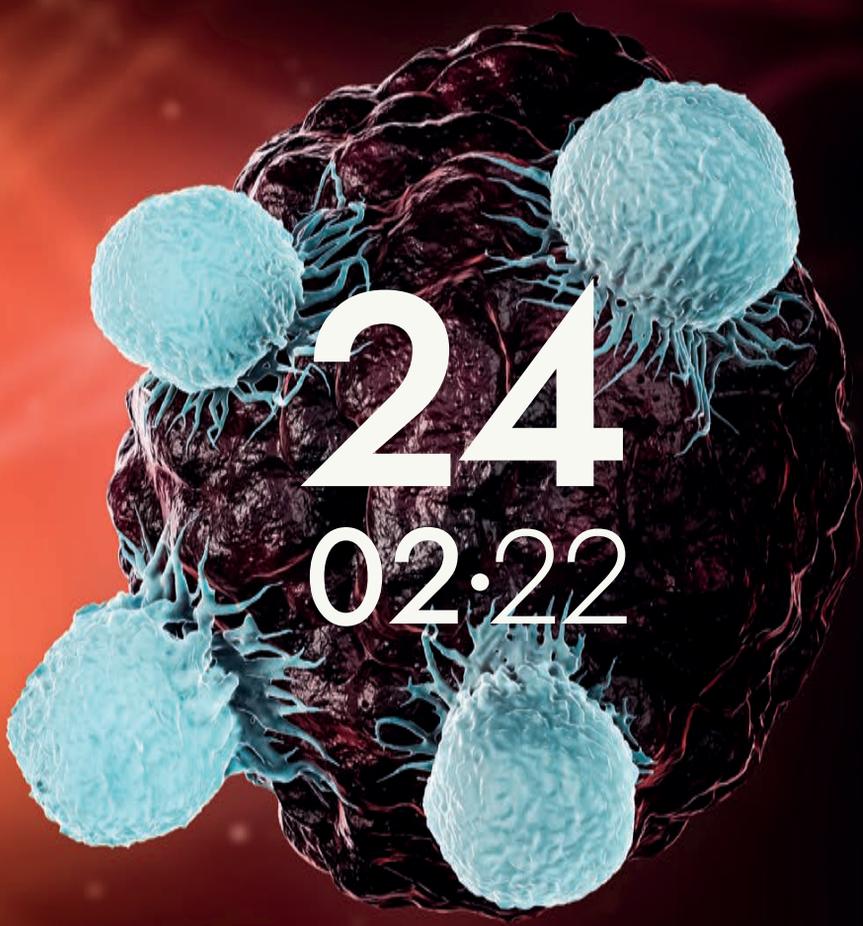
14.30 - 15.00 07.30 - 08.00 am

Questions and answers and discussion for present and  
future projects

15.00 - 15.30 08.00 - 08.30 am

Conclusions and next steps





24

02:22

## Opening and introduction to the project

Ita 09.30 - 10.00 Tx 02.30 - 03.00 AM

Chairs: C. Cerchione, H. Kantarjian, G. Martinelli

## BIOLOGY OF CAR-T TREATMENTS

Ita 10.00 - 12.50 Tx 03.00 - 05.50 AM

Chairs: M. Konopleva, M. Mazza, C. Quintarelli

10.00 - 10.20

Biological basis of CAR-T

C. Quintarelli

10.20 - 10.40

NK cells as adoptive cellular therapy  
for hematological malignancies:  
Advantages and hurdles

S. Caruso

10.40 - 11.00

CAR-T and Alleanza contro il cancro:  
importance of networks

M. Mazza

11.00 - 11.20 Coffee Break

11.20 - 11.40

Clinical project Design and  
Management in adaptative-study era

O. Nanni

11.40 - 12.00

Discussion

12.30 - 12.50

Cantera Presentation

## Lunch Symposium

Ita 12.50 - 13.40 Tx 05.50 - 06.40AM



## ACUTE LEUKEMIAS

Ita 13.40 - 17.20 Tx 06.40 - 10.20 AM

Chairs: H. Kantarjian, F. Locatelli, G. Martinelli

13.40 - 14.00

How are we integrating CAR-T in current panorama of Acute Leukemias

H. Kantarjian

14.00 - 14.20

CAR-T Department and its Clinical Trials in MDACC

N. Jain

14.20 - 14.40

CAR-T in Acute Myeloid Leukemia

N. Daver

14.40 - 15.00

CAR-T CIK in Acute Myeloid Leukemia

A. Rambaldi

15.00 - 15.20

CAR-T in Acute Lymphoblastic Leukemia in USA

E. Jabbour

15.20 - 15.40

How to integrate CAR-T in the current treatment of ALL

G. Martinelli

15.40 - 16.00

CAR-T in pediatric acute leukemias

F. Locatelli

16.00 - 16.20

How is CAR-T changing the next future of treatment in relapsed/refractory ALL

A. Isidori

16.20 - 16.40

Near future of CAR-T in Italian centers: room for improvement

M. Malagola

16.40 - 17.00

Discussion

17.00 - 17.20 Coffee Break

## CAR-T IN LYMPHOMAS AND MULTIPLE MYELOMA

Ita 17.20 - 18.40 Tx 10.20 - 11.40 AM

Chairs: K.C. Anderson, C. Cerchione, A. Olivieri

17.20 - 17.40

How to integrate CAR-T in the current clinical scenario of Multiple Myeloma

C. Cerchione

17.40 - 18.00

CAR-T in Multiple Myeloma: clinical and preclinical projects from USA

K.C. Anderson

18.00 - 18.20

CAR-T versus allogenic stem cell transplantation in Lymphomas: past, present and future

A. Olivieri

18.20 - 18.40

Discussion



## CART REAL WORLD

Ita 18.40 - 19.40 Tx 11.40 AM - 12.40 PM

Chairs: F. Ciceri, M. Dominici

18.40 - 19.00

**CART in solid tumors**

M. Dominici

19.00 - 19.20

**The dark side of CART: the point of view from reanimation room**

G. Bolondi

19.20 - 19.40

**CART vs. allogenic stem cell transplantation in hematologic malignancies**

F. Ciceri

## CONCLUSIONS AND TAKE-HOME MESSAGES

Ita 19.40 Tx 12.40 PM

Chairs: C. Cerchione, H. Kantarjian, G. Martinelli



25  
02·22



## YOUNG SESSION

Ita 08.30 - 13.15 Tx 01.30 - 06.15 AM

Chairs: All members of Big Faculty

Trainers: L. Battistelli, P. Mariotti

Selected oral presentations with project presentations in different categories

08.30 - 09.00

Biology of CAR-T 1

11.00 - 11.30

CAR-T Projects 1

09.00 - 09.30

Biology of CAR-T 2

11.30 - 12.00

CAR-T Projects 2

09.30 - 10.00

Biology of CAR-T 3

12.00 - 12.30

CAR-T Projects 3

10.00 - 10.30

Biology of CAR-T 4

12.30 - 13.00

CAR-T Projects 4

10.30 - 11.00 Coffee Break

## LUNCH SYMPOSIUM

Ita 13.00 - 14.30 Tx 06.00 - 07.30 AM

(After presentations, all projects will be defined, with their teams, objectives and timepoints)

## QUESTIONS AND ANSWERS AND DISCUSSION FOR PRESENT AND FUTURE PROJECTS

Ita 14.30 - 15.00 Tx 07.30 - 08.00 AM

## CONCLUSIONS AND NEXT STEPS

Ita 15.00 - 15.30 Tx 08.00 - 08.30 AM

Chairs: C. Cerchione, H. Kantarjian, G. Martinelli



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You can use it on **Facebook, Twitter, Instagram** and **Linkedin**.

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@DottorClaudio

@DrHKantarjian

@Daver\_Leukemia

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