



## 64<sup>th</sup> Annual Meeting of the Italian Cancer Society

Science-driven approaches to achieve early diagnosis of cancer and to overcome therapy resistance



**MILAN** September 25-26-27, 20**24**

### REQUESTED PATRONAGE

**EACR** European Association  
for Cancer Research



**AiOm**  
Associazione Italiana di Oncologia Medica

### UNDER THE PATRONAGE OF

**UNIVERSITA STATALE DI MILANO**

**HUMANITAS MILANO**

**SIC (Italian Cancer Society)**, founded in 1952, is the oldest Italian association dedicated to cancer research. It counts over 800 members, with a strong component of young researchers and students as affiliates.

SIC focuses on experimental, translational and clinical oncology, helping to develop different aspects of these fields, by stimulating interactions between preclinical and clinical investigators and supporting the transfer of knowledge from bench to bedside. SIC has also links with similar international associations. The Society particularly encourages and supports young researchers to engage in cancer research in Italy. To this aim, a Young Investigators group has been created in 2006.

An important event is the national annual meeting of the Society. The **64th SIC annual meeting** will take place in the beautiful and historic location of the **University of Milan**, on September 25-27th 2024, and will have as focus: "**Science-driven approaches to achieve early diagnosis of cancer and to overcome therapy resistance**". We expect the participation of more than 300 scientists and oncologists.

Experts in the field of pre-clinical and clinical oncology from all over the world will meet in Milan to discuss and present novel insights into both basic molecular mechanisms of cancer occurrence and progression as well as translational studies aimed at validating early diagnostic and/or predictive biomarkers. The main topics of the different scientific sessions will be: 1) new drugs exploiting vulnerabilities of tumor cells, such as PARPis, with proven efficacy in ovarian, breast and prostate cancer; 2) immuno-conjugates currently under development with high specificity and efficacy against breast, ovarian, lung cancer and hematological malignancies and the ability to overcome mechanisms of resistance; 3) relevance of metabolism, diet and microbioma in responsiveness to conventional therapies and immunotherapies; 4) novel immunotherapeutic approaches and combinations; 4) novel biomarkers and liquid biopsy approaches to monitor disease evolution and personalize therapeutic strategies, for instance for lung and gastro-intestinal tumors; 5) novel non-invasive approaches to early diagnosis.

The conference will include main lectures as well as poster presentations and discussions. The "Prof. Giorgio Prodi prize" will be awarded to an outstanding Italian scientist, internationally recognized for achievements obtained during her/his career and for her/his seminal contribution to cancer research. Selection will be by the SIC Scientific Committee. To promote high participation of young scientists, several awards will be assigned for poster presentations and discussions. There will also be awards for best manuscripts published during the previous year and a number of fellowships to enable young scientists to attend the meeting.

Notably, the 2024 meeting will host a notable number of speakers from European and American research institutions.

---

## SCIENTIFIC COORDINATORS

---

### **Maurizio D'Incalci, M.D.**

Professor Humanitas University  
Humanitas Research Hospital  
Humanitas University Campus  
Milan

### **Marilena Iorio**

Fondazione IRCCS Istituto Nazionale dei Tumori  
Milan

## LOCAL SCIENTIFIC AND ORGANIZING COMMITTEE

---

Paola Allavena (Humanitas, Milan)  
Alberto Bardelli (IFOM, Milan)  
Marco Bianchi (S. Raffaele, Milan)  
Ugo Cavallaro (IEO, Milan)  
Filippo De Braud (INT, Milan)  
Andreas Gescher (Leicester University, UK)  
Francesco Iorio (Human Technopole, Milan)  
Domenica Lorusso (Humanitas, Milan)  
Alberto Mantovani (Humanitas, Milan)  
Sergio Marchini (Humanitas, Milan)  
Gabriella Sozzi (INT, Milan)  
Giulia Tarabozetti (Mario Negri, Milan)

## SIC SCIENTIFIC BOARD

---

### President

Maurizio D'Incalci – Milan

### President elect

Gustavo Baldassarre – Aviano (PN)

### Past president

Nicola Normanno – Naples

### Board

Paola Allavena – Milan  
Fabrizio Bianchi – S. Giovanni Rotondo (FG)  
Giovanni Blandino – Rome  
Carmine Carbone – Rome  
Federica Di Nicolantonio – Turin  
Marilena V. Iorio – Milan  
Andrea Morandi – Florence

### Member under 35

Maria Teresa Palano – Milan  
Alice Turdo - Palermo

Wednesday, September 25th

## PRELIMINARY PROGRAM

10:00-13:00 Registration

11.00-13.00

### MEETING SIC YOUNG INVESTIGATORS

**Turn ideas into patents: pieces of advice for big discoveries**

**Chairmen: Maria Teresa Palano, Milan (Italy) and Alice Turdo, Palermo (Italy)**

11.00-11.40 2i3T Incubator - Technology transfer model fostering innovation from bench to market: a case study

**Maria Febronia Sciacca, Turin (Italy)**

11.40-12.20 enGenome's AI to interpret human genomic variations

**Ettore Rizzo, Pavia (Italy)**

12.20-13.00 The medicinal leech as an innovative tool in biomedical and environmental research

**Annalisa Grimaldi, Varese (Italy)**

13.30-14.00

### OPENING ADDRESS

14.00-14.45

### OPENING LECTURE

14.00-14.45 From hematological malignancies to solid tumours: the long journey of CAR T cells

**Franco Locatelli, Rome (Italy)**

Introduction: **Maurizio D'Incalci, Rome (Italy)**

14.45-16.15

### I SESSION - JOINT SESSION AIOM/SIC

**New approaches to overcome resistance to targeted therapies: a lesson from gynecological cancers.**

**Chairmen: Nicola Normanno, Naples (Italy) and Franco Perrone, Naples (Italy)**

14.45-15.15 How genome analysis can be exploited to optimize the selectivity of anticancer therapy and counteract resistance mechanisms of ovarian cancer.

**Iain McNeish, London (Great Britain)**

15.15-15.30 Selected oral presentation 1

15.30-16.00 The role of PARP inhibitors in gynecological malignancies: lights and pitfalls

**Domenica Lorusso, Milan (Italy)**

16.00-16.15 Selected oral presentation 2

16.15-16.30 *Coffee Break*

16.30-17.45

AWARD CEREMONY

17.45-19.15

II SESSION

**Predictive biomarkers and drug resistance: lessons learned from lung cancer**

**Chairmen: Gustavo Baldassarre, Aviano (Italy) and Giovanni Blandino, Rome (Italy)**

17.45-18.15 Aneuploidy as a determinant of cancer progression and drug response  
**Uri Ben-David, Tel Aviv (Israel)**

18.15-18.30 Selected oral presentation 1

18.30-19.00 Drug resistance in lung cancer: where we are and where we are headed  
**Federico Capuzzo, Rome (Italy)**

19.00-19.15 Selected oral presentation 2

**Thursday, September 26th**

08.00-08.30 Opening Secretariat

08.30-10.00

III SESSION

**How to modulate the immunosuppressing tumor microenvironment.**

**How to combine different immunotherapeutic approaches**

**Chairmen: Paola Allavena, Milan (Italy) and Ugo Cavallaro, Milan (Italy)**

08.30-09.00 Insights for rational combinatorial modalities including checkpoint inhibitors in the clinic  
**Emanuela Romano, Paris (France)**

09.00-09.15 Selected oral presentation 1

09.15-09.45 Dissecting and rewiring immune cell heterogeneity in cancer  
**Leika Akkari, Amsterdam (The Netherlands)**

09.45-10.00 Selected oral presentation 2

10.00-10.30 *Coffee Break*

10.30-12.30

Poster Discussion

**Chairmen: Marilena V. Iorio, Milan (Italy) and Mariateresa Palano, Milan (Italy)**

12.30-13.30

Lunch & Poster Viewing

---

13.30-14.30

Poster viewing with authors

---

14.30-16.00

IV SESSION

---

**Importance of microbioma in cancerogenesis and in response to pharmacological and immunotherapeutic approaches**

**Chairmen: Carmine Carbone, Rome (Italy) and Federica Di Nicolantonio, Turin (Italy)**

14.30-15.00 Microbial derived metabolites (postbiotics) to sensitize cancer cell to immunotherapy  
**Maria Rescigno, Milan (Italy)**

15.00-15.15 Selected oral presentation 1

15.15-15.45 Microbiome profiling of stools for precision medicine in cancer patients  
**Lisa Derosa, Paris (France)**

15.45-16.00 Selected oral presentation 2

16.00-16.45

GIORGIO PRODI LECTURE

---

From chromosomes and genes to patients: a life story of research

**Gabriella Sozzi, Milan (Italy)**

Introduction: **Maurizio D'Incalci, Milan (Italy)**

16.45-17.00 *Coffee Break*

17.00-18.30

V SESSION

---

**Metabolism and cancer**

**Chairmen: Filippo De Braud, Milan (Italy) and Andrea Morandi, Milan (Italy)**

17.00-17.30 The role of amino acid in cancer progression and response to treatment  
**Claudio Vernieri, Milan (Italy)**

17.30-17.45 Selected oral presentation 1

17.45-18.15 The role of lipids in cancer progression and metastases  
**Salvador Asnar Benitah, Barcelona (Spain)**

18.15-18.30 Selected oral presentation 2

18.30-19.15

SIC General Assembly

---

**Friday, September 27th**

08.00-08.30 Opening Secretariat

**08.30-09.30**

**\*SATELLITE SYMPOSIUM**

**SIC meets Pharma Industry**

**Chairman: Fabrizio Bianchi, S. Giovanni Rotondo (Italy)**

**09.30-10.00**

**\*SATELLITE SYMPOSIUM**

*10.00-10.15 Coffee Break*

**10.15-12.15**

**Poster Discussion**

**Chairmen: Giulia Taraboletti, Bergamo (Italy) and Alice Turdo, Palermo (Italy)**

**12.15-13.15**

**Poster Viewing**

**13.15-14.15**

**Lunch & Poster Viewing**

**14.15-15.45**

**VI SESSION**

**Early Diagnosis**

**Chairmen: Maurizio D'Incalci, Milan (Italy) and Alberto Bardelli, Milan (Italy)**

14.15-14.45 Innovative approach for early diagnosis of ovarian cancer through genomic instability analysis of DNA purified from Papanicolaou test  
**Sergio Marchini, Milan (Italy)**

14.45-15.00 Selected oral presentation 1

15.00-15.30 Cell-free DNA fragmentation as a biomarker for early detection of cancer  
**Robert B. Scharpf, Baltimore (USA)**  
AIRC lecture

15.30-15.45 Selected oral presentation 2

**15.45-16.45**

**Award Ceremony**

---

**16.45-17.30**

**CLOSING LECTURE**

---

Innate immunity and inflammation in tumor progression and response to therapy

**Speaker: Alberto Mantovani, Milan (Italy)**

**17.30-17.45**

**CLOSING REMARKS**

---

## **OFFICIAL LANGUAGE**

---

English

## **CONGRESS VENUE**

---

Università degli Studi di Milano  
Via Festa del Perdono, 7  
Milano

## **SIC SECRETARIAT**

---



Società Italiana di Cancerologia  
Via Giacomo Venezian, 1  
20133 Milano  
sic@istitutotumori.mi.it  
www.cancerologia.it

## **ORGANIZING SECRETARIAT**

---



Meeting srl  
Via Villalta, 32 – 33100 Udine  
Tel. 0432 1790500  
[sic@meetingsrl.eu](mailto:sic@meetingsrl.eu)  
[www.meetingsrl.eu](http://www.meetingsrl.eu)