

ID DELL'EVENTO:	7194-
TITOLO EVENTO:	66th Annual Meeting Società Italiana di Cancerologia Integrating Evolution, Ecosystems and Emerging Technologies to Transform Cancer Therapy
DATA:	7-8-9 Ottobre 2026
SEDE:	Auditorium – Università Cattolica Largo Francesco Vito 1, Roma
QUOTA DI PARTECIPAZIONE RES:	620,00 €
DURATA FORMATIVA:	12 ore
NUMERO CREDITI:	
OBIETTIVO FORMATIVO:	linee guida – protocolli – procedure (2)
NUMERO DI PARTECIPANTI:	200
DESTINATARI (Professioni):	Biologo, Chimico, Farmacista, Fisico, Medico Chirurgo, Tecnico Sanitario Laboratorio, Veterinario
DESTINATARI (Disciplina):	Biologo; Chimica Analitica; Farmacia Ospedaliera, Farmacia Territoriale; Fisica Sanitaria; Anatomia Patologica, Biochimica Clinica, Chirurgia Generale, Ematologia, Farmacologia e tossicologia clinica, Genetica Medica, Laboratorio di Genetica Medica, Medicina Generale (medici di famiglia), Medicina Interna, Medicina Nucleare, Oncologia, Patologia Clinica (laboratorio di analisi chimico-cliniche e microbiologia), Radiodiagnostica; Tecnico Sanitario Laboratorio Biomedico; Igiene degli allevamenti e delle produzioni zootecniche, Igiene prod. trasf., commercial., conserv. E tras. Alimenti di origine animale e derivati, Sanità Animale

PROGRAMMA

9.30 10.30 Registration

13.30 14.00 Opening Address

14.00 14.30 Opening Lecture

Evolutionary characterisation of lung cancer metastasis

Mariam Jamal-Hanjani, London

14.30 16.00 Session 1_Cancer Evolution and Therapy Resistance

14.30 15.00 Lecture 1_When mistranslation meets cancer immunotherapy

Amsterdam (The Netherlands)

15.00 15.15 Selected abstract_1

15.15 15.30 Selected abstract_2

15.30 16.00 Lecture 2_Integrating multiple dimensions to understand cancer evolution
Elisa Oricchio, Lausanne (CH)

17.00 17.30 Coffee Break

**17.30 19.00 Session 2_Ecosystems of Cancer:
Microenvironment, Immunity and Stromal Interactions**

17.30 18.00 **The EMBO Keynote Lecture**
Lecture 3_Tumor hypoxia and the microenvironment orchestrating angiogenesis and immune system
Massimiliano Mazzone, Leuven (B)

18.00 18.15 Selected abstract_3

18.15 18.30 Selected abstract_4

18.30 19.00 Lecture 4_Epigenetic and ecosystems modulation in cancer
Ruth Scherz-Shouval, Rehovot (IL)

8.30 9.00 Registration

**10.30 12.00 Session 3_
AI, Omics and Digital Twins in Cancer Medicine oppure Real-Time Oncology:
Multimodal AI, Omics & Digital Twins**

10.30 11.00 Lecture 5_Decoding Tumour Ecosystems through Spatial Multi-Omics and Self-Supervised AI
John Le Quesne, Glasgow (UK)

11.00 11.15 Selected abstract_5

11.15 11.30 Selected abstract_6

11.30 12.00 Lecture 6_Tracking cancer initiation in the kidney via somatic mutation analysis of normal cells
Irene Franco, Milan

13.15 13.45 Lunch and Poster Viewing

13.45 14.45 Poster Viewing

**14.45 16.15 Session 4_From Mechanisms to Medicine:
Targets, Therapeutic Vaccines & Immuno-Oncology**

14.45 15.15 Lecture 7_On novel cancer Immunotherapy combinations in a quest for synergy
Ignacio Melero, Navarra (Spain)

15.15 15.30 Selected abstract_7

15.30 15.45 Selected abstract_8

15.45 16.15 Lecture 8_Immune ecosystems in breast cancer: tumor microenvironment and response to therapy
Sherene Loi, Houston (USA)

16.15 17.00 PRODI LECTURE

Paolo Di Fiore, Milan

17.00 17.30 Coffee Break

17.30 19.00 Session 5_High-Impact GI Cancers: Subtypes, Evolution & Therapeutic Translation

17.30 18.00 Lecture 9_Functionalizing tumor complexity in pancreatic cancer
Giannicola Genovese, Houston (USA)

18.00 18.15 Selected abstract_9

18.15 18.30 Selected abstract_10

18.30 19.00 Lecture 10_From Molecular Landscape to Clinical Precision: Navigating Colorectal Cancer Subtypes and
Frontiers
Erica Martinelli, Naples

8.00 9.00 Registration

9.00 10.30 Session 6_Circulating Biomarkers by Design: From Multi-omic Assays & Models to Early Detection & MRD

9.00 9.30 Lecture 11_Implementation of ctDNA testing in clinical and translational research
Nicola Normanno, Rome

9.30 9.45 Selected abstract_11

9.45 10.00 Selected abstract_12

10.00 10.30 Lecture 12_CtDNA in localized colon cancer: scientifically sound or clinically useful?
Chiara Cremolini, Pisa University

10.30 11.00 Coffee break

12.30 13.45 Lunch and Poster Viewing

**13.45 15.15 Session 7_Therapeutic Horizons:
Adaptive Trials and Combination Therapies**

13.45 14.15 Lecture 13_Exploring Multi-Target Addiction in Lung Cancer: What's Next?
Sara Pilotto, Verona

14.15 14.30 Selected abstract_13

14.30 14.45 Selected abstract_14

14.45 15.15 Lecture 14_Cancer Vaccines: The Next Frontier of Immunotherapy
Paolo Ascierto, Naples

16.15 16.45 Closing Lecture

Paul Salomon Mischel, Stanford (USA)

16.45 17.00 Closing Remarks

RAZIONALE

Cancer is a dynamic and evolving disease. Its initiation, progression, immune escape, and therapy resistance are driven by complex biological, molecular, and ecological forces, creating a constantly shifting landscape that challenges modern oncology. Understanding and intervening in this complexity requires integrating evolutionary biology, tumor ecosystem analysis, and state-of-the-art technologies together with novel approaches of precision oncology.

The scientific program of the 66th Annual Meeting of the Italian Cancer Society is designed to reflect this conceptual shift and bring together clinical and preclinical researcher to discuss the most novel and compelling evidences that might help in designing more active and less toxic treatments. The meeting will be therefore of interest for both preclinical and clinical researchers, working in different areas of cancer research.

Over three days the scientific program will see the participation of Italian and foreign world-renowned scientist to integrate clinical and preclinical presentations on different pathologies including but not limited to women (breast and gynecological), gastrointestinal, prostate, lung and pancreatic cancers.

This meeting brings together evolutionary biology, technology, and clinical innovation to redefine how we understand and treat cancer. We will examine tumor evolution and ecosystems, revealing how microenvironmental pressures shape heterogeneity, immune escape, metastasis, and resistance.

We will showcase transformative technologies—multimodal AI, spatial omics, digital twins, liquid biopsies, and advanced imaging—that are reshaping how cancer is mapped, modeled, and predicted, accelerating translation to the clinic.

Finally, we will discuss of precision oncology, focusing on adaptive therapies, rational combinations, and biomarker-driven strategies that exploit tumor vulnerabilities uncovered by evolutionary and multi-omic insights.

On the opening day SIC will hold an open session dedicated to survivors, patients, caregivers and all stakeholders involved in the cancer care. In an interactive round table, it will be discussed why and how research can impact on cancer prevention, treatment and patients' quality of life.

BREVE CV DELLA FACULTY

Il file con tutti i curriculum dei relatori supera la dimensione consentita. Si dichiara quindi che i curriculum vitae dei relatori sono in possesso del Provider e disponibili per un controllo da parte della commissione ECM. Inviando pertanto qui di seguito l'elenco dei relatori con qualifica.

M: moderatore, R: relatore, RS: responsabile scientifico, D: discussant

RUOLO	TITOLO	NOME COGNOME	PROFESSIONE	DISCIPLINA	ENTE DI APPARTENENZA / LIBERA PROFESSIONE	DESCRIZIONE ATTIVITA' PROFESSIONALE / FORMATIVA	CITTA'
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