



4th INTERNATIONAL CANCER SCIENCE CONGRESS 2026

"Personalized cancer care: from omics technologies
to complementary medicine"



SCIENTIFIC PROGRAM

ABOUT THE CONFERENCE – SCIENTIFIC PROGRAM – SOCIAL-CULTURAL PROGRAM –
SCIENTIFIC COMMITTEE AND ORGANIZING COMMITTEE – INVITED SPEAKERS –

DAY 1 – THURSDAY 29TH, OCTOBER

9.30 – 10.00 AM **REGISTRATION OF ATTENDEES**

10.00 – 10.30 AM **OPENING CEREMONY**

FIRST SESSION

Chairs: Guillermo Velasco Diez (Spain) - Raffaella Chiaramonte (Italy)

10.30 – 11.00 AM	Title: Sugar-induced Redox Crisis in Cancer Cells -Warburg and Beyond (KL) Stefan Kempa Max Delbrück Center for Molecular Medicine, Berlin, Germany
11.00 – 11.30 AM	Title: Targeting Prostate Cancer Vulnerabilities with Metabolic Inhibitors (KL) Alessia Lodi The University of Texas at Austin, USA
11.30 – 11.55 AM	Title: Adipocyte-Driven Metabolic Reprogramming in Ovarian Cancer: an Emerging Role for LINC00887 (IL) Camelia Munteanu University of Agricultural Sciences and Veterinary Medicine Cluj Napoca, Romania
11.55 – 12.10 PM	Title: Cathepsin D-Autophagy Axis Controls Tumor Homeostasis to Improve Prognosis in Neuroblastoma (OC) Uthman Walusimbi Università del Piemonte Orientale, Italy

12.10 – 12.25 PM	Title: Metabolic Rewiring in Neuroblastoma: The Central Role of Cathepsin D in mTOR-mediated Nutrient Sensing (OC) Chiara Lualdi Università del Piemonte Orientale, Italy
12.25 – 12.50 PM	Title: The Impact of NAMPT/NAD Axis in Supporting Progression, Drug Resistance and Tumor-host Crosstalk in Melanoma and Pleural Mesothelioma (IL) Valentina Audrito Università del Piemonte Orientale, Italy
12.50 – 2.15 PM	LUNCH

SECOND SESSION

Chairs: Danny N. Dhanasekaran (USA) - Valentina Audrito (Italy)

2.15 – 2.45 PM	Title: Cannabinoids and Dihydroceramides: Two Lipids Acting Hand by Hand on the Regulation of Autophagy-Mediated Cancer Cell Death (KL) Guillermo Velasco Diez Universidad Complutense de Madrid, Spain
2.45 – 3.10 PM	Title: Targeting PD-L1 through Resveratrol-induced Autophagy enhances anti-MSLN x anti-CD3 Bispecific Protein Engager Immunotherapy in Colorectal Cancer (IL) Suyanee Thongchot Mahidol University, Bangkok, Thailand
3.10 – 3.35 PM	Title: The Role of Autophagy in Tumor Stroma (IL) Yunus Akkoc Koç University, Turkey
3.35 – 4.00 PM	Title: Extracellular Vesicles as a Mobile Signaling Platform: Jagged-Notch Communication Beyond Cell-Cell Contact (IL) Raffaella Chiaramonte University of Milan, Italy
4.00 – 4.30 PM	Title: Ellagitannins, Urolithins and the Inflammatory Context of Human Colorectal Polyps (KL) Daniel Rosemberg University of Connecticut School of Medicine, USA
4.30 – 4.55 PM	Title: Quercetin Encapsulated Polymeric Nanomicelles Substantially Chemosensitising Antiproliferation by Branched Chain Amino Acids with Enhanced Antiinflammation Capacities: A New Strategy Against Adherent Cancer Monolayers (IL) Violet Kasabri University of Jordan, Jordan
4.55 – 5.25 PM	Title: Is Metastasis a Darwinian Process? (KL) Pier Paolo Di Fiore IFOM, University of Milan, Italy

7.30 PM	SOCIAL EVENT and GALA DINNER
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DAY 2 – FRIDAY 30TH OCTOBER

THIRD SESSION

Chairs: Vincenzo Coppola (USA) - Maria Luisa Chiusano (Italy)

9.00 – 9.30 AM	Title: OVOL1 Suppresses Development of Cutaneous Squamous Cell Carcinoma Through Regulation of Keratinocyte Differentiation (KL) John DiGiovanni University of Texas at Austin, USA
9.30 – 9.55 AM	Title: The Oncogenic Function of NKX3-2 in Driving Chemoresistance and Invasiveness in Ovarian Cancer (IL) Alessandra Ferraresi Università del Piemonte Orientale, Italy
9.55 – 10.20 AM	Title: The NOS2, NOX4, GSNOR Complex Regulates Metastasis and Angiogenesis in Colon Cancer Cells (IL) Arnold Stern New York University Grossman School of Medicine, USA
10.20 – 10.50 AM	Title: A miRNA-Metalloprotease Axis as a Novel Regulator of Colorectal Cancer Signaling: Implications for Precision Medicine (KL) Devrim Gozuacik Koc University, Turkey
10.50 – 11.20 AM	COFFEE BREAK

FOURTH SESSION

Chairs: Devrim Gozuacik (Turkey) - Suyanee Thongchot (Thailand)

11.20 AM – 11.50 PM	Title: Decoding LPA Signaling in Ovarian Cancer: AI-Guided Therapeutic Prioritization and HIF-1α-Driven Metabolic Reprogramming (KL) Danny N. Dhanasekaran The University of Oklahoma Health Sciences Center, USA
11.50 – 12.05 PM	Title: Glutamine Derived from Human Macrophages is needed for IFNγ Secretion by CD8+ Lymphocytes (OC) Chiara Ughini Università degli Studi di Parma, Italy
12.05 – 12.20 PM	Title: 53L10 T Cell Engager Tribody for Immunotherapy of Aggressive Types of Tumors (OC) Martina Belardo University of Naples Federico II, Italy
12.20 – 12.35 PM	Title: Cancer Cachexia-associated Alterations in Skeletal and Cardiac Muscle Contractility (OC) Claudia Fornelli University of Torino, Italy
12.35 – 12.50 PM	Title: Identification of a Kinase-Autophagy Signaling Hub as a Therapeutic Vulnerability in Pediatric Glioblastoma (OC) Suheda Duran Koc University, Turkey
12.50 – 1.20 PM	Title: Strategies to Target the CTLH Complex in Cancer (KL) Vincenzo Coppola The Ohio State University Medical Center, USA
1.20 – 2.45 PM	LUNCH

FIFTH SESSION

Chairs: Daniel Rosemberg (USA) - Alessia Lodi (USA)

2.45 – 3.15 PM	Title: Direct Isolation of Spatially Defined Tumor–Immune Niches by SLACS Reveals Mechanisms of Nivolumab Response in Head and Neck Cancer (KL) Amos C Lee Meteor Biotech, Co. Ltd., Republic of Korea
3.15 – 3.40 PM	Title: Engineering Electroporation-Assisted Drug Delivery in HNSCC: Integrating Microfluidic Cationic Liposomes with 3D Bioprinted Tumor Models (IL) Silvia Pisani Università degli Studi di Pavia, Italy
3.40 – 3.55 PM	Title: Triboelectricity as a New Emerging Paradigm to Reprogram Cancer Cell Behaviour (OC) Revathi Sampath Università del Piemonte Orientale, Italy
3.55 – 4.25 PM	Title: Mechanotransductive Stimulation of Tumor Progression by Growth Pressure: Evolutionary Origin and Therapeutics (KL) Emmanuel Farge Institut Curie, France
4.25 – 4.40 PM	Title: IL-13 Treatment Partially Improves Experimental Cancer Cachexia (OC) Noemi Iaia University of Torino, Italy
4.40 – 5.05 PM	Title: ER-Mitochondria Ca^{2+} Transfer at the Crossroads of Oncogenic Signaling and Regulated Cell Death (IL) Massimo Bonora University of Ferrara, Italy
5.05 – 5.30 PM	Title: Beyond Open Science, FAIR Data and AI-Driven Science: Preserving Knowledge through Scientific Responsibility (IL) Maria Luisa Chiusano Università di Napoli Federico II, Italy
5.30 – 5.45 PM	Title: Multiple Myeloma Glutamine Addiction Shapes a Pro-Tumor Bone Marrow Niche (OC) Mattia Castelluccio Università degli Studi di Parma, Italy
5.45 – 6.00 PM	Title: From Tumorigenic Mechanisms to Drug Repurposing Opportunities in Gastric Cancer: Preliminary Results (OC) Sara Ceppi Università del Piemonte Orientale, Italy

6.00 – 6.15 PM

Title: MiR-1305 is a Novel OncomiRNA that Promotes Cancer Metastasis in Ovarian and Breast Cancer by Inhibiting Autophagy (OC)

Denis Kamy

Università degli Studi del Piemonte Orientale, Italy

CLOSING LECTURE

Chairs: Emmanuel Farge (France) - Stefan Kempa (Germany)

Title: Targeting the Tumor Ecosystem with Nutraceuticals and Postbiotics: Epigenetic Reprogramming of the Parenchyma-Stroma Axis (KL)

Ciro Isidoro

Università del Piemonte Orientale, Italy

6.45 – 7.15 PM

AWARD CEREMONY and CLOSING CEREMONY

7.30 PM

FAREWELL PARTY and DINNER
