



3rd INTERNATIONAL CANCER SCIENCE CONGRESS 2025

"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 – TUESDAY 7TH, OCTOBER

9.30 – 10.00 AM **REGISTRATION OF ATTENDEES**

10.00 – 10.15 AM **OPENING CEREMONY**

FIRST SESSION

Chairs: **Ciro Isidoro** (Italy), **Camelia Munteanu** (Romania)

OPENING LECTURES- Breaking the Dogmas, Challenging the Paradigms

10.15 – 10.45 AM Title: **What is Cancer: a Holistic View through the Lens of Super-Giant Cells from a Pathologist (KL)**

Jinsong Liu

The University of Texas MD Anderson Cancer Center, USA

10.45 – 11.15 AM Title: **When Inhibitors Don't Inhibit and Oncogenes Disagree: When Common Knowledge Misleads and Unexpected Mechanisms Emerge (KL)**

Stefan Kempa

Berlin Institute for Medical Systems Biology at the MDC for Molecular Medicine, Germany

11.15 – 11.40 AM **Round Table:** Free Discussion

SECOND SESSION

Chairs: Christian Seca (Belgium), Arnold Stern (USA)

11.40 – 12.05 PM	Title: Implications of Defective Mitochondria and Lysosome Communication in Cancer Progression (IL) Flora Guerra Università del Salento, Italy
12.05 – 12.30 PM	Title: The G1-G7 Molecular Subgroup Classification of Glioblastoma: Implementation into Clinical Practice and Translational Research (IL) Maria-Magdalena Georgescu NeuroMarkers, Houston, USA
12.30 – 12.55 PM	Title: Microglia Cells Carrying Oncolytic Virus; The Future for Brain Cancer Therapy (IL) Eman M. Othman University of Wuerzburg, Germany

1.00 – 2.15 PM

LUNCH

THIRD SESSION

Chairs: Devrim Gozuacik (Turkey), Maria Luisa Chiusano (Italy)

2.15 – 2.45 PM	Title: Cancer's Malignant Alliance: Disrupting lncRNA-mRNA Feedback Loops in Ovarian Cancer (KL) Danny N. Dhanasekaran The University of Oklahoma Health Science Center, USA
2.45 – 3.10 PM	Title: Long-Non-Coding RNAs in Cell Death and Survival (IL) Bünyamin Akgül Izmir Institute of Technology, Turkey
3.10 – 3.35 PM	Title: Decoding Adipocyte-Induced lncRNAs in Ovarian Cancer: Molecular Basis for Precision Nutrition (IL) Camelia Munteanu University of Agricultural Sciences and Veterinary Medicine Cluj Napoca, Romania
3.35 – 3.50 PM	Title: Wobble tRNA Modification Regulates Melanoma Immune Response (OC) Christian Seca University of Liege, Belgium
3.50 – 4.15 PM	Title: Exploring CIC Chloride Channels as Therapeutic Targets in Human Pancreatic Ductal Adenocarcinoma (IL) Concetta Altamura Università di Bari "Aldo Moro", Italy

4.15 – 4.45 AM Title: Use of Light Emitting, Live Vaccinia Virus (Smallpox Vaccine) Strains in Immune-Therapy of Cancer patients in Human Clinical Trials: “Small Pox Vaccine as Cancer Vaccine” (KL)
Aladar A. Szalay
University of Wuerzburg, Germany

4.45 – 5.30 PM COFFEE BREAK

FOURTH SESSION Chairs: Igor Roninson (USA), Fourie Joubert (South Africa)

5.30 – 6.00 PM Title: Targeting the CTLH Complex to Eliminate Cancer Plasticity (KL)
Vincenzo Coppola
The Ohio State University Medical Center, USA

6.00 – 6.15 PM Title: Natural Compounds and Chemotherapy Modulation Restrains Glioblastoma Progression (OC)
Iolanda Camerino
Università degli Studi della Campania “Luigi Vanvitelli”, Italy

6.15 – 6.30 PM Title: Profiling of Stable Intronic Sequence RNAs with Intronic Promoters in Human Cervical Cancer (OC)
Ipek Erdogan Vatansever
Izmir Institute of Technology, Turkey

6.30 – 6.45 PM Title: Stearoyl-Coenzyme A Desaturase 1 and Cancer (OC)
Arnold Stern
New York University Grossman School of Medicine, USA

7.00 – 8.00 PM WELCOME PARTY

8.00 PM SOCIAL DINNER

DAY 2 – WEDNESDAY 8TH, OCTOBER

FIFTH SESSION

Chairs: Danny N. Dhanasekaran (USA), Flora Guerra (Italy)

9.00 – 9.30 AM	Title: Regulation of Cancer Growth, Metastasis and Dormancy by a Master Kinase (KL) Devrim Gozuacik Koç University, Turkey
9.30 – 9.55 AM	Title: Circulating Innate Lymphoid Cells are Dysregulated in Patients with Prostate Cancer (IL) Giuseppe Ercolano Università di Napoli Federico II, Italy
9.55 – 10.20 AM	Title: Prevention of Adaptive Cancer Drug Resistance and Suppression of Metastatic Tumors through Mediator Kinase Inhibition (IL) Igor Roninson University of South Carolina, USA
10.20 – 10.35 AM	Title: Cathepsin D Deficiency Impairs Autophagy and Lysosomal Function by Promoting mTOR Activation, Reducing TFEB Activity, and Enhancing Migration and Metastatic Potential in Neuroblastoma Cells (OC) Chiara Lualdi Università del Piemonte Orientale, Italy
10.35 – 10.45 AM	Title: Muscle Iron Export as a Gatekeeper of Cancer (SC) Alfonso Scalera Università di Torino, Italy
10.45 – 10.55 AM	Title: Metastasis miR-1305, a Novel OncomiRNA Promoting Cancer Cell Migration through Downregulation of Autophagy (SC) Denis Kamya Università del Piemonte Orientale, Italy

11.00 – 11.30 AM

COFFEE BREAK

SIXTH SESSION

Chairs: Marc Diederich (South Korea), Maria-Magdalena Georgescu (USA)

11.30 AM – 12.00 PM	Title: The STAT3-TWIST1-OVOL1 Transcription Factor Conspiracy Driving Development of Cutaneous Squamous Cell Carcinoma (KL) John DiGiovanni University of Texas at Austin, USA
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12.00 – 12.25 PM	<p>Title: From Bench to Bedside: Leveraging 3D Cancer Models and Organ-on-Chip Technology for Drug Discovery (IL)</p> <p>Elisabetta Palamà React4life S.p.A., Italy</p>
12.25 – 12.50 PM	<p>Title: Identification of Novel Autophagy Targets in CAFs (IL)</p> <p>Yunus Akkoc Koç University, Turkey</p>
12.50 – 1.00 PM	<p>Title: Exploring the Anticancer Activity of the Marine Sponge <i>Ircinia ramosa</i> in Human Melanoma Cells (SC)</p> <p>Fabio Somma Università di Napoli Federico II, Italy</p>
1.00 – 1.10 PM	<p>Title: Beclin1-dependent Autophagy in 3D to 2D Cancer Cell Growth and Adhesion (SC)</p> <p>Uthman Walusimbi Università del Piemonte Orientale, Italy</p>
1.10 – 2.30 PM	LUNCH

SEVENTH SESSION Chairs: John DiGiovanni (USA), Bünyamin Akgül (Turkey)

2.30 – 3.00 PM	<p>Title: Rewiring Autophagy and Mitochondrial Signaling to Overcome Therapy Resistance in Myeloid Leukemia (KL)</p> <p>Marc Diederich Seoul National University, South Korea</p>
3.00 – 3.15 PM	<p>Title: XPO1 Mutations as a Biomarker of Shorter Time to First Treatment in CLL (OC)</p> <p>Chiara Cosentino Università del Piemonte Orientale, Italy</p>
3.15 – 3.30 PM	<p>Title: Acute Myeloid Leukemia: a Key Role of DGKα and DGKζ in Cell Viability (OC)</p> <p>Elisa Gorla Università del Piemonte Orientale, Italy</p>
3.30 – 3.55 PM	<p>Title: New Therapeutic Prospects for Overcoming Silent Resistance: Enhanced DNA Repair Mechanisms in Cancer Stem Cells (IL)</p> <p>Tugba Semerci Sevimli Eskisehir Osmangazi University, Turkey</p>
3.55 – 4.05 PM	<p>Title: Lung Cancer Cells Respond to Pro-Differentiation Treatment by Down-regulating Cancer Stem Cell and Pathogenic Traits <i>in vitro</i> (SC)</p> <p>Alice Grossi Università degli Studi di Pavia, Italy</p>

4.05 – 4.30 PM	<p>Title: Extracellular DNA: New Perspectives in Cell Biology and Cancer Research (IL)</p> <p>Maria Luisa Chiusano</p> <p>Università di Napoli Federico II, Italy</p>
4.30 – 4.55 PM	<p>Title: A Comparison of Breast Cancer Susceptibility Mutations in African vs European Women (IL)</p> <p>Fourie Joubert</p> <p>University of Pretoria, South Africa</p>
4.55 – 5.10 PM	<p>Title: Exploiting HDAC6 Selectivity to Inhibit Triple-Negative Breast Cancer in Cellular and Organoid Models (OC)</p> <p>Ivana Bello</p> <p>Università di Napoli Federico II, Italy</p>
5.10 – 5.25 AM	<p>Title: Therapeutic Potential of Oncolytic Vaccinia Virus-Infected Immune Cells Against Neuroblastoma (OC)</p> <p>Elena Ekrami</p> <p>University of Wuerzburg, Germany</p>

5.30 – 6.30 PM	COFFEE BREAK
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8.00 PM	GALA DINNER
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DAY 3 – THURSDAY 9TH, OCTOBER

EIGHTH SESSION Chairs: Yunus Akkoc (Turkey), Concetta Altamura (Italy)

9.15 – 9.40 PM	Title: Spatial Precision Insights from Pathology, Immune Resistance, and CTC Profiling (IL) Amos C Lee Meteor Biotech, Co. Ltd, Republic of Korea
9.40 – 9.55 PM	Title: Trout Embryonic Extracts Enriched in miRNAs Act to Revert the Tumor Phenotype of Liver Cancer Cells (OC) Alessandro Querqui Sapienza Università di Roma, Italy
9.55 – 10.10 AM	Title: Novel Tri-specific Tribodies Targeting 5T4, CD3, and Immune Checkpoint Endowed with Stronger Anti-Tumor Activity than Combinations of Antibody Therapeutics <i>in vitro</i> and <i>in vivo</i> (OC) Margherita Passariello Università degli Studi di Napoli Federico II, Italy
10.10 – 10.20 PM	Title: Integrative and Comparative Approaches from Bioinformatics: Applications in Cancer Research (SC) Maria Chiara Langella Università di Napoli Federico II, Italy
10.20 – 10.35 AM	Title: Epigenetic Regulation Leads to RIPK2 Aggregation and Modulation in Cancer (OC) Antonio Beato Università degli Studi della Campania Luigi Vanvitelli, Italy
10.35 – 11.00 AM	Title: P53-mediated Autophagy Degradation of NKX3-2 Improves Ovarian Cancer Prognosis (IL) Alessandra Ferraresi Università del Piemonte Orientale, Italy

11.00 – 11.30 AM

CLOSING LECTURE - Breaking the Dogmas, Challenging the Paradigms: Are We Missing Something?

Chairs: Vincenzo Coppola (USA), Stefan Kempa (Germany)

Title: Nutraceuticals and Postbiotics: Neglected Adjuvant Therapies in Cancer management (KL)

Ciro Isidoro

Università del Piemonte Orientale, Italy

11.30 AM – 12.00 PM

**Provocative Lectures and Round Table:
Free Discussion**

12.00 – 12.15 PM

AWARD CEREMONY

12.15 – 12.30 PM

CLOSING CEREMONY

Prof. Dr. Danny N. Dhanasekaran

Prof. Dr. John DiGiovanni

Prof. Dr. Devrim Gozuacik

Dr. Alessandra Ferraresi

Prof. Dr. Ciro Isidoro

12.30 – 3.00 PM

FAREWELL PARTY and LUNCH

3.00 – 7.00 PM

EXCURSION to REGGIA di PORTICI
