



2nd INTERNATIONAL CANCER SCIENCE CONGRESS 2024

“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 – SATURDAY 12TH, OCTOBER

9.00 – 10.00 AM **REGISTRATION OF ATTENDEES**

10.00 – 10.15 AM **OPENING CEREMONY**

FIRST SESSION Chair: John DiGiovanni (USA) - Fourie Joubert (South Africa)

10.15 – 10.45 AM Title: Reciprocal Amplifiers: UCA1 and IGF2BP2, a Novel Therapeutic Node in Ovarian Cancer Regulatory Network (KL)

Danny N. Dhanasekaran

The University of Oklahoma Health Science Center, USA

10.45 – 11.10 AM Title: Spatial Multi-omics in Triple Negative Breast Cancer Reveals Drug Targets (IL)

Amos Chungwon Lee

Meteor Biotech, Co. Ltd, Republic of Korea

11.10 – 11.35 AM Title: Smart Molecules for Selective Imaging and Phototherapy of Cancer Cells (IL)

Safacan Kölemen

Koç University, Turkey

11.35 AM – 12.00 PM Title: Potential Application of Dietary Isothiocyanates in Cancer Prevention and Therapy (IL)

Yongping Bao

University of East Anglia, United Kingdom

12.00 – 12.25 PM Title: 3D Genome Organization in Lung Cancer Cells Is Affected by the Chemotherapy Drug Erlotinib (IL)
Guillermo Barreto
Université de Lorraine, France

12.30 – 1.45 PM LUNCH

SECOND SESSION Chair: Vincenzo Coppola (USA) – Camelia Munteanu (Romania)

1.45 – 2.15 PM Title: Therapeutic Enzyme-Mediated Systemic Depletion of Amino Acids for Cancer Treatment (KL)
John Di Giovanni
University of Texas at Austin, USA

2.15 – 2.40 PM Title: How Autophagy Shapes the Tumor Microenvironment in Ovarian Cancer (IL)
Alessandra Ferraresi
Università del Piemonte Orientale, Italy

2.40 – 3.05 PM Title: Germline Sequence Variants Contributing to Cancer Susceptibility in South African Breast Cancer Patients of African Ancestry (IL)
Fourie Joubert
University of Pretoria, South Africa

3.05 – 3.20 PM Title: microRNA-Mediated Control of Metastatic Behaviour in Colorectal Cancer (OC)
Ayşe Seray Güzel
Koç University, Turkey

3.20 – 3.50 PM COFFEE BREAK

THIRD SESSION Chair: Jianyu Rao (USA) - Safacan Kölemen (Turkey)

3.50 – 4.20 PM Title: A Gated Hydrophobic Funnel Within BAX Binds Long-Chain Alkenals to Potentiate Pro-Apoptotic Function (KL)
Jerry Edward Chipuk
The Tisch Cancer Institute at Mount Sinai, USA

4.20 – 4.45 PM Title: Extracellular Nicotinamide Phosphoribosyltransferase (eNAMPT) Drives Abnormal Pericyte-Rich Vasculature in Triple-Negative Breast Cancer (IL)
Ambra Grolla
Università del Piemonte Orientale, Italy

4.45 – 5.15 PM

Title: Glutaminase Inhibition in Cancer Treatment (IL)

Alessia Lodi

University of Texas at Austin, USA

5.15 – 8.30 PM

Networking + Free Time

8.30 PM

WELCOME DINNER

DAY 2 – SUNDAY 13TH, OCTOBER

FOURTH SESSION Chair: Guillermo Barreto (France) - Ambra Grolla (Italy)

- 9.00 – 9.30 AM Title: Scorpins Cooperate in Orchestrating Non-Small Cell Lung Cancer Pathogenesis (KL)
Vincenzo Coppola
The Ohio State University Medical Center, USA
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- 9.30 – 9.55 AM Title: Altering Breast Cancer Stem Cell Properties by Targeting DNA Double Break Repair Mechanism (IL)
Tugba Semerci Sevimli
Eskisehir Osmangazi University, Turkey
-
- 9.55 – 10.20 AM Title: Anoikis Resistance in Human Melanoma Cells Is Mediated by Oxidative and Nitrosative Stress (IL)
Arnold Stern
New York University Grossman School of Medicine, USA
-
- 10.20 – 10.45 AM Title: Single-Nuclei Transcriptome Profiling Reveals Vascular Endothelial Cell Heterogeneity Induced by VEGFA/BRAF Targeting in Murine Melanoma Model (IL)
Sushant Parab
Università degli Studi di Torino, Italy
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- 10.45 – 11.00 AM Title: Unveiling the Complexity of Beclin-1 Splicing and its Role in Autophagy Regulation in Breast Cancer (OC)
Chinmay Maheshwari
Università del Piemonte Orientale, Italy

11.00 – 11.30 AM COFFEE BREAK

FIFTH SESSION Chair: Alessia Lodi (USA) - Sushant Parab (Italy)

- 11.30 AM – 12.00 PM Title: Precision Cancer Medicine in Ovarian Cancer (KL)
Yong Sang Song
Myungji Medical Foundation Myungji Hospital, Republic of Korea
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- 12.00 – 12.25 PM Title: TRIM16 Traffics Secretory Autophagosomes in Head and Neck Cancer Associated Fibroblasts (IL)
Sufi Thomas
University of Kansas Cancer Center, USA
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12.25 – 12.40 PM Title: Preventive and Curative Role of Probiotics on Tumor Progression in Colorectal Cancer Cells: an *in vitro* Study (OC)
Beatrice Garavaglia
Università del Piemonte Orientale, Italy

12.45 – 2.00 PM LUNCH

SIXTH SESSION Chair: Yong Sang Song (South Korea) - Yongping Bao (UK)

2.00 – 2.10 PM Title: Prevalence and Clinical Impact of Clonal Hematopoiesis of Indeterminate Potential in Chronic Lymphocytic Leukemia (SC)
Chiara Cosentino
Università del Piemonte Orientale, Italy

2.10 – 2.20 PM Title: *In vitro* and *in vivo* Effect of Erucin, a Promising Anticancer H2S-Releasing Isothiocyanate (SC)
Ivana Bello
Università di Napoli Federico II, Italy

2.20 – 2.30 PM Title: Differential Modulation of BECN1 Splicing in 2D *versus* 3D Breast Cancer Cell Cultures: an *in-vitro* Modelling (SC)
Uthman Walusimbi
Università del Piemonte Orientale, Italy

2.30 – 2.40 PM Title: Tumor-Derived CTF1 (cardiotrophin 1) Is a Critical Mediator of Stroma-Assisted and Autophagy-Dependent Breast Cancer Cell Migration, Invasion and Metastasis (SC)
Ece Dilege
Koç University, Turkey

2.40 – 2.50 PM Title: Effects of N6-isopentenyladenosine (iPA) on M1-polarization of Glioma Associated Microglia in Glioblastoma (SC)
Laura Coppola
Università di Napoli Federico II, Italy

2.50 – 3.00 PM Title: The Growth of Neuroblastoma Cells in 2D or 3D Depends on the Expression of Cathepsin D: Implication for the Metastatic Process (SC)
Chiara Lualdi
Università del Piemonte Orientale, Italy

3.00 – 3.30 PM COFFEE BREAK

SEVENTH SESSION Chair: Jerry Edward Chipuk (USA) Francesca Maria Orlandella (Italy)

3.30 – 3.55 PM	Title: Extracellular Nicotinamide Phosphoribosyltransferase (eNAMPT) Neutralization Counteracts T Cell Immune Evasion in Triple Negative Breast Cancer (IL) Cristina Travelli Università degli Studi di Pavia, Italy
3.55 – 4.20 PM	Title: Nanoencapsulated Retinoic Acid Derivatives Promote Cancer Dormancy in Multiple Tumors and Counteract Metastatic Progression in HER2/neu Transgenic Mice (IL) Ann Zeuner National Institute of Health, Italy
4.20 – 4.35 PM	Title: Nutritional Strategies for Cancer Prevention and Management (OC) Camelia Munteanu University of Agricultural Sciences and Veterinary Medicine Cluj Napoca, Romania
4.35 – 4.50 PM	Title: Nanotechnology Tool to Increase Radiosensitivity in Glioblastoma (OC) Cristina Pagano Università di Napoli Federico II, Italy
4.50 – 5.05 PM	Title: β -TCP Scaffold as a Bone-Like Microenvironment for <i>in vitro</i> Model of Osteosarcoma: Hints from Transcriptomics and First Cytotoxicity Test Application (OC) Ksenia Menshikh Università del Piemonte Orientale, Italy
5.05 PM – 5.30 PM	Title: Harnessing Synthetic Lethality in Breast Cancer Therapy (IL) Gozde Korkmaz Koç University, Turkey
5.30 – 8.30 PM	Networking + Free Time
8.30	DINNER

DAY 3 – MONDAY 14TH, OCTOBER

EIGHTH SESSION Chair: Amos Chungwon Lee (South Korea) - Cristina Pagano (Italy)

- 9.00 – 9.30 AM Title: Autophagy in Tumors and Their Environment (KL)
Devrim Gozuacik
Koç University, Turkey
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- 9.30 – 9.55 AM Title: Neurotrophic Signaling Promotes ILC2-Mediated Tumor Progression in Bladder Cancer (IL)
Giuseppe Ercolano
Università di Napoli Federico II, Italy
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- 9.55 – 10.20 AM Title: SMARTPath–Slide Free Direct Digital MUSE Technology for Cancer Diagnosis (IL)
Jianyu Rao
University of California, USA
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- 10.20 – 10.40 AM Title: BECN1-Dependent Autophagy Predicts Better Prognosis in Diffuse Large B-Cell Lymphoma (OC)
Amreen Salwa
Università del Piemonte Orientale, Italy
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- 10.40 – 11.00 AM Title: lncRNA HHIP-AS1 in Pediatric T Cell Acute Lymphoblastic Leukemia: a Novel Potential Biomarker (OC)
Francesca Maria Orlandella
Università di Napoli “Parthenope”, Italy

11.00 – 11.30 AM COFFEE BREAK

CLOSING LECTURE Chair: Devrim Gozuacik (Turkey) – Giuseppe Ercolano (Italy)

- 11.30 AM – 12.00 PM Title: Epigenetic Modulation of Autophagy to Induce Cancer Cell Dormancy (KL)
Ciro Isidoro
Università del Piemonte Orientale, Italy

12.00 – 12.30 PM AWARD CEREMONY

12.30 – 12.45 PM

CLOSING CEREMONY

Prof. Dr. Danny N. Dhanasekaran

Prof. Dr. Yong Sang Song

Prof. Dr. John DiGiovanni

Prof. Dr. Devrim Gozuacik

Dr. Alessandra Ferraresi

Prof. Dr. Ciro Isidoro

12.45 – 2.00 PM

LUNCH

2.00 – 7.00 PM

EXCURSION TO CAGLIARI

8.30

FAREWELL PARTY & GALA DINNER

ORGANIZING COMMITTEE

Prof. Dr. Ciro Isidoro
Prof. Dr. Danny N. Dhanasekaran
Prof. Dr. Yong Sang Song
Prof. Dr. John DiGiovanni
Prof. Dr. Devrim Gozuacik
Dr. Alessandra Ferraresi

AWARD COMMITTEES

TRAVEL GRANT and CIB FELLOWSHIP

Prof. Dr. Danny N. Dhanasekaran
Prof. Dr. Arnold Stern
Prof. Dr. Safacan Kölemen

BEST SHORT and BEST ORAL COMMUNICATION

Prof. Dr. Devrim Gozuacik
Prof. Dr. Sufi Thomas
Prof. Dr. Alessia Lodi

SCIENTIFIC SECRETARIAT

Dr. Letizia Vallino

Dr. Beatrice Garavaglia

CHAIRS

1st Session: John DiGiovanni (USA) - Fourie Joubert (South Africa)

2nd Session: Vincenzo Coppola (USA) – Camelia Munteanu (Romania)

3rd Session: Jianyu Rao (USA) - Safacan Kölemen (Turkey)

4th Session: Guillermo Barreto (France) - Ambra Grolla (Italy)

5th Session: Alessia Lodi (USA) - Sushant Parab (Italy)

6th Session: Yong Sang Song (South Korea) - Yongping Bao (UK)

7th Session: Jerry Edward Chipuk (USA) - Francesca Maria Orlandella (Italy)

8th Session: Amos Chungwon Lee (South Korea) - Cristina Pagano (Italy)

Closing Lecture: Devrim Gozuacik (Turkey) – Giuseppe Ercolano (Italy)

NOTE FOR SPEAKERS

Time for lectures includes the introductory presentation and discussion.
Further discussion during coffee break, lunch, network and dinner.

To upload your slide presentation, please contact the reception desk at least 30 minutes before your session.

To avoid delays, we ask you to consider the following schedule:

<i>Keynote Lecture:</i>	25 min + 5 min for discussion
<i>Invited Lecture:</i>	20 min + 5 min for discussion
<i>Oral Communication:</i>	13 min + 2 min for discussion
<i>Short Communication:</i>	10 min (no question)

ACKNOWLEDGEMENTS

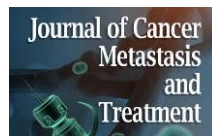
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TRAVEL GRANT SUPPORTERS



ORGANIZATIONAL and TECHNICAL SUPPORTERS



SPECIAL ISSUE

JCMT *Journal of Cancer Metastasis and Treatment*

OAE Publishing Inc.

Selected Papers from 2nd International Cancer Science Congress (ICSC) 2024

Guest Editors

Prof. Dr. Ciro Isidoro
University of Piemonte Orientale, Italy.

Prof. Dr. Danny N Dhanasekaran
The University of Oklahoma Health Science Center, USA.

Prof. Dr. Devrim Gözüaçık
Koc University School of Medicine, Turkey.