

International Conference on

CANCER SCIENCE AND RESEARCH

NOVEMBER 17-19, 2025
SINGAPORE

CONFERENCE
PROGRAM



IN-PERSON

Village Hotel Changi
1 Netheravon Rd, Singapore 508502



VIRTUAL

Greenwich Mean Time
(GMT Time Zone)

DAY 1

MON 17

IN-PERSON

08:00-08:50

Registrations

08:50-09:00

Inaugural Session

09:00-12:20

In-person Keynote Presentations

12:20-16:40

In-person Oral Presentations

16:40-17:10

In-person Poster Presentations

11:10-11:40 Coffee Break

13:00-14:00 Lunch Break

17:10-18:00 Networking & Break

DAY 2

TUE 18

VIRTUAL

08:30-09:00

AV Testing

09:00-10:20

Virtual Keynote Presentations

10:20-15:20

Virtual Oral Presentations

15:20-15:40

Virtual Poster Presentations

15:40-17:00

Virtual Keynote Presentations

17:00-19:20

Virtual Oral Presentations

DAY 3

WED 19

VIRTUAL

08:30-09:00

AV Testing

09:00-09:40

Virtual Keynote Presentation

09:40-17:40

Virtual Oral Presentations

Conference Timing & Participation Guidelines

- The conference will follow Singapore Time (SGT) for in-person sessions and Greenwich Mean Time (GMT) for virtual sessions.
- When the program mentions "Local Timings," it refers to the presenter's own country time zone.
- In-person presentations will take place at Village Hotel Chango, located at 1 Netheravon Rd, Singapore 508502, while virtual presentations will be conducted via Zoom.
- Please remain available in the conference hall or Zoom meeting throughout the day, as the program may experience minor adjustments due to technical issues or presenter changes.



Moderator: Nira Ben Jonathan, University of Cincinnati, United States

Chairs: Sergey Suchkov, N.D. Zelinskii Institute for Organic Chemistry of the Russian Academy of Sciences, Russian Federation
Yan-Shen Shan, National Cheng Kung University Hospital, Taiwan

08:00-08:50 Registrations

08:50-09:00 Inaugural Session

Keynote Presentations

- 09:00-09:40 **Sergey Suchkov, N.D. Zelinskii Institute for Organic Chemistry of the Russian Academy of Sciences, Russian Federation**
Title: Personalized and Precision Medicine (PPM) through the view of biodesign-inspired translational research: An option for clinical oncologists, caregivers and consumers to realize the potential of genomics-informed care to secure the human biosafety
- 09:40-10:30 **Subhash C Kundu, 3Bs Research Group, I3Bs – Research Institute of University of Minho, Portugal**
Title: 3D in vitro cancer models using natural biomaterials for studying the cancer microenvironment and drug screening
- 10:30-11:10 **Yan-Shen Shan, National Cheng Kung University Hospital, Taiwan**
Title: Hypoxia-fibrosis cycle in pancreatic cancer reveals potential pathways associated with tumor progression and predicts poor prognosis

Group Photo

11:10-11:40 | Coffee Break @Foyer

- 11:40-12:20 **Thomas J. Webster, Brown University, United States**
Title: Anti-cancer nanomedicine in humans: 30,000 successful cases and counting

Oral Presentations

- 12:20-12:40 **Salah S. Massoud, University of Louisiana, United States**
Title: Copper(II) complexes as potent chemotherapeutic agents for anticancer therapy
- 12:40-13:00 **Ren-Wang Peng, University of Bern, Switzerland**
Title: Lactate dehydrogenase B noncanonically promotes ferroptosis defense in KRAS-driven lung cancer
- 13:00-14:00 | Lunch Break @Restaurant
- 14:00-14:40 **Nira Ben Jonathan, University of Cincinnati, United States**
Title: Suppression of breast cancer by small molecules that block the prolactin receptor
- 14:40-15:00 **Sergey Reva, I.P. Pavlov First State Medical University, Saint-Petersburg, Russian Federation**
Title: Immunological markers as predictors of unfavorable pathomorphological characteristics, an upgrading, upstaging and risk group increase in prostate cancer patients after radical prostatectomy
- 15:00-15:20 **Chujie Li, Maastricht University, The Netherlands**
Title: monoHER as a selective radiosensitizer in breast cancer



- 15:20-15:40 **Sergey Suchkov, N.D. Zelinskii Institute for Organic Chemistry of the Russian Academy of Sciences, Russian Federation**
Title: Personalized and Precision Oncology (PPO) to be set up via precision oncology strategy for cancer care team: Developing targeted cancer therapy & advancing personalized cancer care
- 15:40-16:00 **Shadma Fatima, Western Sydney University, Australia**
Title: Targeting glioblastoma multiforme through a multifaceted therapeutic drug approach
- 16:00-16:20 **Xue Xiao, Sichuan University, China**
Title: Key mechanisms driving extravillous trophoblast lineage imbalance in placenta accreta spectrum
- 16:20-16:40 **Venturi Sebastiano, AUSL-ROMAGNA, Italy**
Title: The controversy of radioactive cesium damage on animal pancreas and diabetes

Poster Presentations (16:40-17:10)

- P1 **Chia-Jung Li, Kaohsiung Veterans General Hospital, Taiwan**
Title: Functional integration of the ATP synthasome drives mitochondrial efficiency in breast carcinoma
- P2 **Biliana Nikolova, Bulgarian Academy of Sciences, Bulgaria**
Title: Targeting oral squamous cell carcinoma with thienopyrimidines
- P3 **Jianghao Ren, Zhejiang University, China**
Title: Targeting SIRT7-mediated DNA damage repair as a novel strategy in pancreatic cancer
- P4 **Cheol Min Lee, Seoul National University Hospital Healthcare System, Republic of Korea**
Title: Effectiveness of smoking cessation interventions for smokers undergoing lung cancer screening: A systematic review and meta-analysis
- P5 **Davoud Shojaeizadeh, Tehran University of Medical Sciences, Iran (Islamic Republic of)**
Title: The impact of social marketing based intervention on educating esophageal cancer preventive behaviors
- P6 **Peng Bai, Sichuan University, China**
Title: Physical activity in endometrial cancer prevention and control: Bridging epidemiological evidence to molecular mechanisms

17:10-18:00 | Networking & Break

Moderators: Lorent Sijarina, University of Prishtina, Kosovo
Omar Mohammad Alqaisi, Al-Zaytoonah University, Jordan
Melisa Stublla, University of Prishtina, Kosovo

08:30-09:00 AV Testing

Keynote Presentations

GMT	Speaker's Local Time	
09:00-09:40	09:00-09:40	Henrique Manuel dos Santos Faneca, University of Coimbra (CNC-UC), Portugal Title: Targeted nanosystems to mediate combined cancer therapy
09:40-10:20	10:40-11:20	Julia Sidorova, Instituto Carlos III de Salud (CIBER-EHD), Spain Title: Information leakage: Types, remedies, and open problems

Oral Presentations

10:20-10:40	18:20-18:40	Tenghua Yu, Jiangxi Cancer Hospital & Institute, China Title: GPER-Driven crosstalk in breast cancer: Bridging drugs resistance and tumor microenvironment remodeling
10:40-11:00	18:40-19:00	Zheng Weihui, Zhe Jiang Cancer Hospital, China Title: Preclinical study on new parathyroid recognition technology in thyroid surgery
11:00-11:20	19:00-19:20	Huynh Yen Phi, Taipei Medical University, Taiwan Title: Global trends and predictive factors of prophylactic mastectomy in women: A systematic review and meta-analysis
11:20-11:40	12:20-12:40	Alain Chapel, Institute of Radiological Protection and Nuclear Safety, France Title: From experimental research to clinical trial in the treatment of complication of radiotherapy by stem cells
11:40-12:00	12:40-13:00	Lorent Sijarina, University of Prishtina, Kosovo Title: Is artificial intelligence a possible solution for challenges in healthcare?
12:00-12:20	14:00-14:20	Constantinos M. Mikelis, University of Patras, Greece Title: The regulatory role of endothelial RhoA on tumor microenvironment
12:20-12:40	13:20-13:40	Lorent Sijarina, University of Prishtina, Kosovo Title: Applying the concept of “Lean Management”: Evaluation of a pioneer off-site injection program for androgen deprivation treatment of prostate cancer
12:40-13:00	18:10-18:30	Prema Naittee George, Gitam University, India Title: The Paradox of spirituality: Its impact on social wellbeing in AYA cancer survivors
13:00-13:20	16:30-16:50	Minoo Shahidi, Iran University of Medical Sciences, Iran (Islamic Republic of) Title: Resveratrol reduces the presence of Extracellular Traps (ETs) in acute promyelocytic leukemia (NB4) cells

Tuesday, November 18

13:20-13:40	14:20-14:40	Viacheslav Artyushenko, Art photonics GmbH, Germany Title: Innovative fiber solutions for cancer diagnostics
13:40-14:00	16:40-17:00	Omar Mohammad Alqaisi, Al-Zaytoonah University of Jordan, Jordan Title: Immunotherapy in merkel cell carcinoma of the skin: A 2025 comprehensive review
14:00-14:20	16:00-16:20	Aurelian Udristoiu, Titu Maiorescu University of Bucharest, Romania Title: Application of CRISPR–Cas9 technology in the treatment of chronic lymphocytic leukemia with TP53 mutations
14:20-14:40	08:20-08:40	Patricia Tai, University of Saskatchewan, Canada Title: A narrative review on the roles of nursing in sexual dysfunction among oncological patients with updated recommendations
14:40-15:00	17:40-18:00	Omar Mohammad Alqaisi, Al-Zaytoonah University of Jordan, Jordan Title: Managing sexual issues in melanoma patients: A scoping review
15:00-15:20	09:00-09:20	Patricia Tai, University of Saskatchewan, Canada Title: Oncology Nurses’ attitudes, knowledge and practices in providing sexuality care to cancer patients: A scoping review

Poster Presentations

15:20-15:30	16:20-16:30	Nabhan Linda, OncopsyHeart Mindcare collective, France Title: Cardiac coherence: A new approach to oncology medicine
15:30-15:40	09:30-09:40	Karishma Shelley, Bristol Myers Squibb, United States Title: Time and cost to healthcare providers and sites associated with preparation and administration of subcutaneous vs intravenous nivolumab for the treatment of cancer: A time-driven activity-based costing study

Keynote Presentations

15:40-16:20	12:40-13:20	Paulo Cesar De Moraes, Catholic University of Brasilia, Brazil Title: Cell viability assays under radiofrequency application modulated by nanomaterials
16:20-17:00	08:20-09:00	Rajvir Dahiya, University of California San Francisco School of Medicine, United States Title: A novel mRNA genomic technology for precision medicine, cancer diagnosis, prognosis, treatment follow-up

Oral Presentations

17:00-17:40	09:00-09:40	Anyou Wang, DIFIBER LLC, United States Title: Theory and perspective: Big data and artificial intelligence accelerate the pursuit of a universal cancer principle—opportunities and challenges
17:40-18:00	09:40-10:00	Dmitri Lapotko, Scorpido Photonics, Inc, United States Title: Instant high-sensitivity non-invasive in-vivo diagnosis during biopsy

18:00-18:20	12:00-12:20	Debi Lynn, Business Resilience Strategist and Certified Grief Educator, United States Title: Beyond survival: The silent struggle of living after cancer
18:20-18:40	10:20-10:40	Chanda Siddoo Atwal, Moondust Cosmetics Ltd, Canada Title: Is cancer theory incomplete?
18:40-19:00	12:40-13:00	Tanja Obradovic, Arc Nouvel LLC, United States Title: Strategic development of novel cancer immunotherapies – Medical strategy toward regulatory success
19:00-19:20	14:00-14:20	Janusz Rak, McGill University, Canada Title: Extracellular vesicle pathways as regulators of tumor-vascular interactions in glioblastoma

Moderators: Eleni Petsalaki, University of Crete, Greece
Dharmendra Kumar, Swami Vivekanand Subharti University, India

08:30-09:00 AV Testing

Keynote Presentation

GMT	Speaker's Local Time	
09:00-09:40	13:00-13:40	Marika Crohns, Impactful Innovations Management Consultants LLC, Dubai, UAE Title: Intelligent oncology: The transformative role of AI in the future of cancer research and care

Oral Presentations

09:40-10:00	11:40-12:00	Sarantis Gagos, Biomedical Research Foundation of the Academy of Athens, Greece Title: Targeting alternative lengthening of telomeres in cancer
10:00-10:20	12:00-12:20	Alexandru Calin Grigorescu, Clinical Hospital for Nephrology "Dr Carl Davila", Romania Title: Association between lung cancer and prostate cancer, 3 studied cases, short literature review
10:20-10:40	11:20-11:40	Stephan Bodis, University Zurich, Switzerland Title: An eternal moment (A patient's feedback to medical care givers)
10:40-11:00	11:40-12:00	Nicola Sarandria, Olimpia Medical Center, Italy Title: Dr Nicola Sarandria's theory of Arginase-1 and N2 neutrophil's role in rectal cancer based on the 2025 OR1 research study directed by Dr Nicola Sarandria: New insights on the relationship between Arginase-1, tumor associated neutrophils, perineural invasion, neoadjuvant therapy and prognosis in rectal cancer patients
11:00-11:20	11:00-11:20	Bep Dhaliwal, Patient Advocate, United Kingdom Title: The power of trust through the eyes of a patient
11:20-11:40	12:20-12:40	Iveta Herichová, Comenius University in Bratislava, Slovakia (Slovak Republic) Title: Daily profile in miRNA expression in the colon and their role in colorectal cancer
11:40-12:00	17:10-17:30	K R Muralidhar, Physics Karkinos Healthcare Private Limited, India Title: Expanding the reach: Integrating -generated auto contours via deep learning segmentation into diverse treatment planning systems
12:00-12:20	15:00-15:20	Saba Beigh, Al-Baha University, Saudi Arabia Title: Comprehensive pharmacokinetic profiling and molecular docking analysis of natural bioactive compounds targeting oncogenic biomarkers in breast cancer

12:20-12:40	17:50-18:10	Dharmendra Kumar, Swami Vivekanand Subharti University, India Title: Nanoparticle-based therapeutic platforms: Development and evaluation for cancer treatment
12:40-13:00	13:40-14:00	Drilon Bytyci, University of Prishtina, Kosovo Title: Difficult-to-manage prostate cancer scenarios illustrating the pathologist's role: Two case reports
13:00-13:20	14:00-14:20	Fatlinda Berisha, University of Prishtina, Kosovo Title: Overview of PSMA PET and salvage treatment of previously irradiated recurrent prostate cancers
13:20-13:40	14:20-14:40	Drilon Bytyci, University of Prishtina, Kosovo Title: Updates on prostate cancer
13:40-14:00	14:40-15:00	Liburn Grabovci, University of Prishtina, Kosovo Title: Improving quality of life among cancer patients in the modern era
14:00-14:20	11:00-11:20	Viviana C. Blank, University of Buenos Aires, Argentina Title: Synergistic Antitumor Effects of 2NF and Safingol combination in breast cancer: Molecular Mechanisms Involving SPHK1, MAPKs, and ER Stress
14:20-14:40	19:50-20:10	Gaurav Vishal, Prathima Cancer Institute, India Title: Analysis of 64 cases of oral squamous cell carcinoma of the buccal mucosa
14:40-15:00	16:40-17:00	Eleni Petsalaki, University of Crete, Greece Title: A new tension-sensitive signaling pathway involving polymerization of actin prevents chromatin bridge breakage in cytokinesis in human cancer cells
15:00-15:20	20:00-20:20	Yasmeen Idress, Lifecare Hospital Lahore, Pakistan Title: Beyond relief: Updates on opioid use disorder in cancer patients – A narrative review by experts
15:20-15:40	16:20-16:40	Liburn Grabovci, University of Prishtina, Kosovo Title: Updates on CNS tumors
15:40-16:00	18:40-19:00	Can Küçük, Dokuz Eylül University, Turkey Title: The transcriptional regulator PRDM1: Key insights into its role in NK cell homeostasis and malignancy
16:00-16:20	17:00-17:20	Melinda Hysenaj, University of Prishtina, Kosovo Title: Oncologic emergencies – A narrative review with expert opinions and latest recommendations
16:20-16:40	21:20-21:40	Yasmeen Idress, Lifecare Hospital Lahore, Pakistan Title: Improving survival rates of glioma patients in developing countries
16:40-17:00	11:40-12:00	Anu Jose, The University Hospital of West Indies, Jamaica Title: Well differentiated liposarcoma of face: An unusual case report
17:00-17:20	20:30-20:50	Zare Hamed, Motamed Cancer Institute, Iran (Islamic Republic of) Title: Investigating the combined effects of paclitaxel and pirfenidone on metastasis in Triple-Negative Breast Cancer (TNBC) Cells
17:20-17:40	18:20-18:40	Melisa Stublla, University of Prishtina, Kosovo Title: Colorectal cancer screening

Thank You for Being a Part of Cancer 2025!

We extend our sincere appreciation to all speakers, listeners and partners who made this conference a success. Your active participation and commitment to advancing cancer research and care are truly inspiring.

“Together, we move one step closer to a cancer-free world.”
– Organizing Committee
Mathews International Conferences

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Interested in participating as a speaker or listener?

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