



Global Conference on

Cancer Research and Novel Drug Development

November 17-19, 2025 | Tokyo, Japan

Day 1: November 17, 2025- Foundations in Cancer Research & Emerging Concepts

09:00 – 10:00 | Opening Ceremony & Welcome Address

- Welcome Speech by Conference Chair
- Keynote Address: Revolutionizing Cancer Therapy Through Next-Generation Approaches

10:00 – 11:00 | Plenary Talk 1

- Cancer Stem Cells & Metastasis: New Insights & Targeted Therapies

11:00 – 11:15 | Coffee Break & Networking

11:15 – 12:45 | Invited Talks / Featured Talks on Tumour Microenvironment & Cancer Progression

- Hypoxia, Inflammation & Tumour Evolution
- Extracellular Vesicles: Messengers in Cancer Progression & Metastasis
- Tumour-Immune Interactions: New Frontiers in Therapeutics

12:45 – 14:00 | Lunch Break & Poster Viewing

14:00 – 15:30 | Symposium on Tumour Heterogeneity & Personalized Cancer Treatment

- Single-Cell Technologies in Oncology
- Overcoming Drug Resistance in Heterogeneous Tumours
- New Imaging Techniques for Understanding Tumour Diversity

15:30 – 16:00 | Coffee Break & Networking

16:00 – 17:30 | Panel Discussion: The Future of Cancer Metastasis Research & Therapeutics

- Panelists: Oncologists, Molecular Biologists, AI Researchers, and Industry Experts

17:30 – 19:00 | Welcome Reception & Networking Event

Day 2: November 18, 2025 - Precision Medicine, AI in Oncology, and Immunotherapy

09:00 – 10:00 | Keynote Session

- Advancing Precision Medicine Through Multi-Omics Integration

10:00 – 11:00 | Plenary Talk 2

- Liquid Biopsy & Circulating Tumour DNA in Early Cancer Detection

11:00 – 11:15 | Coffee Break & Networking

11:15 – 12:45 | Featured Talks on Precision Medicine & Genomics in Oncology

- CRISPR & Gene Editing for Targeted Cancer Therapy
- AI & Machine Learning in Cancer Diagnosis & Personalized Therapy
- Harnessing Epigenomics for Cancer Drug Development

12:45 – 14:00 | Lunch Break & Poster Presentations

14:00 – 15:30 | Workshop: Next-Gen Technologies in Cancer Research

- Hands-on training in Single-Cell RNA Sequencing, AI-Powered Biomarker Discovery, and 3D Tumour Organoid Modeling

15:30 – 16:00 | Coffee Break & Networking

16:00 – 17:30 | Panel Discussion: AI, Big Data & Precision Oncology – The Road Ahead

- Topics: AI-driven Drug Discovery, Real-World Data in Clinical Trials, and AI-Enabled Cancer Diagnostics

17:30 – 18:30 | Poster Session & Interactive Technology Demonstrations

Day 3: November 19, 2025 - Novel Drug Development & Clinical Advancements

09:00 – 10:00 | Keynote Session

- Next-Generation Immunotherapy Beyond Checkpoints

10:00 – 11:00 | Plenary Talk 3

- Nanomedicine & Targeted Drug Delivery in Oncology

11:00 – 11:15 | Coffee Break & Networking

11:15 – 12:45 | Symposium on Novel Cancer Drug Development & Clinical Trials

- Overcoming Challenges in CAR-T Cell Therapy
- RNA-Based Therapies: The Future of Cancer Treatment
- Personalized Neoantigen Vaccines in Cancer Immunotherapy

12:45 – 14:00 | Lunch Break & Poster Presentations

14:00 – 15:30 | Roundtable Discussion: The Future of Clinical Trials & Regulatory Challenges

- Regulatory Frameworks, Ethical Considerations, & Accelerating Drug Approval Processes

15:30 – 16:00 | Coffee Break & Networking

16:00 – 17:30 | Closing Panel & Future Roadmap of Cancer Research

- Key takeaways, future trends, and collaborative opportunities

17:30 | Closing Remarks & Award Ceremony

Suggested Latest Topics for Engaging Speaker Sessions

AI-Powered Drug Discovery in Oncology

Organoids & 3D Tumour Models for Precision Medicine

Quantum Computing & Its Impact on Cancer Research

Synthetic Lethality: New Drug Targets for Cancer Therapy

Nanorobotics in Targeted Drug Delivery

Tumour Metabolism & Therapeutic Targeting

CRISPR-based Cancer Vaccines

Artificial Intelligence in Tumour Imaging & Pathology

Patient-Derived Xenografts (PDX) in Personalized Oncology

Liquid Biopsy for Real-Time Cancer Monitoring