

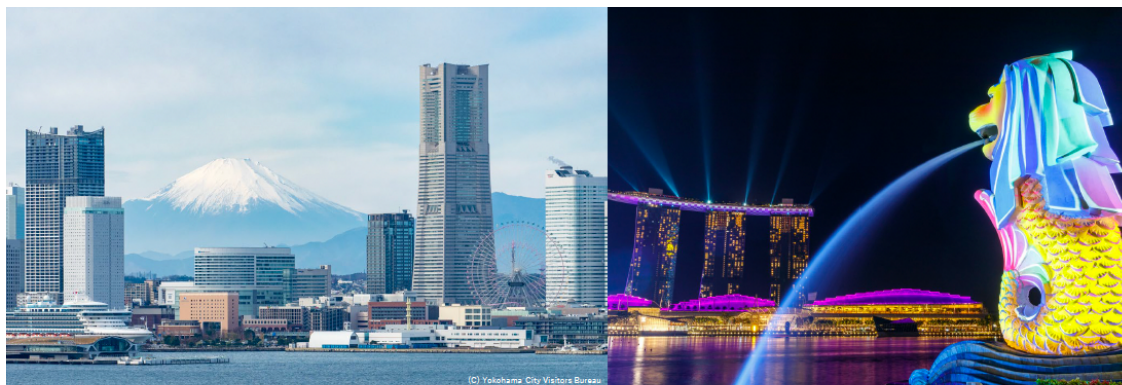


YOKOHAMA
CITY
UNIVERSITY



CIEM
Central Institute for Experimental
Medicine and Life Science

KISTEC



The 2nd NUS-Kanagawa Cancer Symposium

DATE: December 1 (Mon), 2025

VENUE: Yokohama City University,
Fuku-ura campus, Hepburn Hall

ORGANIZERS

Hideaki Nakajima
(Yokohama City University)

Tomohiko Tamura
(Yokohama City University)

Yohei Miyagi
(Kanagawa Cancer Center)



National University
of Singapore (NUS)



Yokohama City University



Kanagawa Cancer Center



Central Institute for
Experimental Medicine
and Life Science

2ND NUS-KANAGAWA CANCER SYMPOSIUM

December 1st, 2025

9:00-18:00

Hepburn Hall

Yokohama City University

Fuku-ura Campus

SYMPOSIUM ORGANIZERS

Hideaki NAKAJIMA

Professor and Chairman

Department of Stem Cell and Immune Regulation

Yokohama City University Graduate School of Medicine

Tomohiko TAMURA

Professor and Chairman

Department of Immunology

Yokohama City University Graduate School of Medicine

Yohei MIYAGI

Director

Kanagawa Cancer Center Research Institute

PROGRAM
Morning Sessions

Time	Item	Duration
	Opening Address	
9:00-9:05	Hideaki Nakajima <i>Deputy President of Yokohama City University</i> <i>Professor and Chairman</i> <i>Department of Stem Cell and Immune Regulation</i> <i>Yokohama City University Graduate School of Medicine</i>	5 min
9:05-9:10	Yuji Kuroiwa <i>Governor, Kanagawa Prefectural Government</i>	5 min
9:10-9:15	Takeharu Yamanaka (Message to be read) <i>Mayor of Yokohama</i>	5 min
9:15-9:20	Yohei Miyagi <i>Director, Kanagawa Cancer Center Research Institute</i>	5 min
9:20-9:25	Wee Joo Chng <i>Vice President (Biomedical Sciences Research),</i> <i>Office of the Deputy President (Research and Technology), NUS</i> <i>Yong Loo Lin Professor in Medical Oncology & Vice Dean (Research), Yong</i> <i>Loo Lin School of Medicine, NUS</i> <i>Group Director of Research, National University Health System</i> <i>Senior Consultant, National University Cancer Institute, Singapore, NUHS</i> <i>Executive Director, Singapore Translational Cancer Consortium</i>	5 min
	Session 1: Cancer Immunity <i>Chairperson: Kensuke Tateishi</i>	
9:25 – 9:45	Tomohiko Tamura <i>Professor, Department of Immunology, Yokohama City University</i> <i>Graduate School of Medicine</i> The Transcription Factor That Regulates Tumor-Associated Macrophages in Pancreatic Cancer	20 mins
9:45 – 10:05	Tetsuro Sasada <i>Director, Cancer Vaccine and Immunotherapy Center,</i> <i>Kanagawa Cancer Center Research Institute</i> Comprehensive Single-Cell and Functional Analyses of Tumor-Reactive T Cells in Renal Cell Carcinoma	20 mins

10:05 – 10:20	<p>Takeshi Takahashi <i>Division Director, Department of Medical Innovation, Division of Multiverse Medical Sciences, Central Institute for Experimental Medicine and Life Science (CIEM)</i></p> <p>Comparative Analysis of Three Myeloid-Oriented NOG Mice to Investigate Immune-Cell Landscape in Cancer</p>	15 mins
10:20 – 10:40	<p>Hideyuki Yanai <i>Professor, Department of Cancer Biology, School of Medicine and Graduate School of Medicine, Yokohama City University</i></p> <p>Suppression of Antitumor Immune Responses by Dead Cell-Derived Molecules</p>	20 mins
10:40 – 10:55	Coffee Break	10 mins
	<p>Session 2: Genome/Precision Medicine <i>Chairperson: Yohei Miyagi</i></p>	
10:55 – 11:15	<p>Jason Pitt <i>Principal Investigator, Cancer Science Institute of Singapore, National University of Singapore,</i></p> <p>Petabyte-Scale AI to Disentangle Genome Instability Patterns in Cancer</p>	20 mins
11:15 – 11:30	<p>Hisashi Hasumi <i>Associate Professor, Department of Urology, Yokohama City University</i></p> <p>Development of Precision Medicine for Kidney Cancer</p>	15 mins
11:30 – 11:50	<p>Hiroto Narimatsu <i>Director and Professor, Center for Innovation Policy, Kanagawa University of Human Services Division Chief, Kanagawa Cancer Center Research Institute</i></p> <p>Personalized Preventive Medicine in Cancer Using Genomic Information: Future Perspective and Corresponding Research Plan</p>	20 mins

11:50 – 12:10	<p>Karen Crasta <i>Research Assistant Professor, Department of Physiology, National University of Singapore</i></p> <p>Escape from Senescence Mediates Rapid Acquisition of ABCB1-Driven Chemoresistance and Chromosomal Instability</p>	20 mins
12:10 – 13:20	<p>Lunch + Poster session <i>All oral presenters are kindly requested to participate in discussions with poster presenters during the poster session.</i></p>	70 mins

PROGRAM
Afternoon Sessions

Time	Item	Duration
	Session 3: Epigenetics/Metabolomics <i>Chairperson: Tomohiko Tamura</i>	
13:20 – 13:40	Wee Joo Chng <i>Professor, Department of Physiology, National University of Singapore</i> Metabolic Vulnerabilities in Myeloma	20 mins
13:40 – 14:00	Hiroyoshi Kunitomo <i>Assistant Professor, Department of Stem Cell and Immune Regulation, Yokohama City University Graduate School of Medicine</i> PRC2-Mediated Apoptosis Evasion Is a Therapeutic Target of MDS/AML Harboring inv(3)/t(3;3) and Monosomy 7	20 mins
14:00 – 14:20	Makoto Suematsu <i>Director, Central Institute for Experimental Medicine and Life Science (CIEM)</i> Imaging metabolomics deciphers Alzheimer disease models of mice	20 mins
14:20 – 14:40	Reshma Taneja <i>Professor, Department of Physiology, National University of Singapore</i> Interrogating Epigenetic and Metabolic Dependencies in Rhabdomyosarcoma	20 mins
14:40 – 14:55	Coffee Break	15 mins

	Session 4: Special lecture <i>Chairperson: Hideaki Nakajima</i>	
14:55 – 15:15	Toshio Suda <i>Professor, Institute of Hematology, Chinese Academy of Medical Sciences & Peking Union Medical College</i> Self-Renewal Activity of Hematopoietic Stem Cells from Birth to Aged	20 mins
	Session 5: Disease model/Biomarkers <i>Chairperson: Hisashi Hasumi</i>	
15:15 – 15:35	Yohei Miyagi <i>Director, Chief of the Molecular Pathology & Genetics Division</i> Overview of TFPI2, a Yokohama-Originated Blood Biomarker for Ovarian Cancer	20 mins
15:35 – 15:50	Kensuke Tateishi <i>Associate Professor and Principal Investigator, Department of Neurosurgery and Medical Life Science, Yokohama City University</i> Translational Research for Primary Central Nervous System Lymphomas: Comprehensive Analysis Using Paired Patient Samples and Patient-Derived Xenograft Models	15 mins
15:50 – 16:05	Shinya Sato <i>Head, Morphological Information Analysis Laboratory, Kanagawa Cancer Center Research Institute</i> Adipo-oncology: Elucidation of the Multifaceted Interactions Between Cancer and Adipose Tissue Using Biobank Samples, Animal Models, and Cell-Based Studies	15 mins
16:05 – 16:15	Coffee Break	10 mins

	Session 6: RNA biology/Transcription <i>Chairperson: Hisashi Hasumi</i>	
16:15 – 16:35	Hidehisa Takahashi <i>Professor, Department of Molecular Biology, Yokohama City University Graduate School of Medicine</i> Dual Roles of MED26 in LLPS-Independent and LLPS-Dependent Activation of Cancer-Related Gene Transcription	20 mins
16:35 – 16:55	Yilong Zhou <i>Assistant Professor, Cancer Science Institute, Yong Loo Lin School of Medicine, National University of Singapore</i> RNA Damage Compartmentalization by Stress Granule	20 mins
16:55 – 17:10	Shiro Koizume <i>Chief Scientist, Kanagawa Cancer Center Research Institute</i> Novel Transcriptional Regulation Mechanism by FIH: Oxygen-Independent Suppression of Frequent HIF2a- Sp1 Interaction-Driven Gene Expression in Cancer Cells	15 mins
	Session 7: Young investigator session <i>Chairperson: Shinya Sato</i>	
17:10 – 17:20	Kaname Watanabe <i>Researcher, Center for Innovation Policy, Kanagawa University of Human Services Visiting Researcher, Cancer Prevention and Control Division, Kanagawa Cancer Center Research Institute</i> Cross-Cultural Validation of the ME-BYO Index: Advancing Comprehensive Health Assessment for Preventive Care	10 mins
17:20 – 17:30	Yohei Miyake <i>Assistant Professor, Department of Neurosurgery, Yokohama City University</i> BRAF V600E Mutation Induces TWIST1-Mediated Migration and Leptomeningeal Dissemination in Glioblastoma	10 mins

17:30 – 17:40	<p>Ryosuke Jikuya <i>Assistant Professor, Department of Urology, Yokohama City University Graduate School of Medicine</i></p> <p>Comprehensive Multi-omics Analyses Elucidate Tumor Heterogeneity of Rare Kidney Cancers</p>	10 mins
17:40 – 17:50	<p>Tomohiro Shibata <i>Assistant Professor, Department of Pharmacology Yokohama City University Graduate School of Medicine</i></p> <p>Development of Novel Therapeutic Strategy Against Anti-cancer Drug Resistant Cancer</p>	10 mins
17:50 – 18:00	<p>Closing Address Junji Furuse <i>President, Kanagawa Cancer Center</i></p> <p>Yoshihiro Ishikawa <i>President of Yokohama City University</i></p>	10 mins

Dinner 18:10~ Location: Yokohama City University