

## Introduction

Biotechnology innovation and biomedical treatment are two rapidly evolving fields with immense potential in today's scientific and technological landscape. These advancements not only transform modern medicine but also have the potential to redefine the future of healthcare. As technology continues to progress, interdisciplinary collaborations spanning medicine, engineering, computer science, and beyond will further accelerate innovation, particularly in areas such as digital health, AI-assisted diagnosis, and personalized medicine.

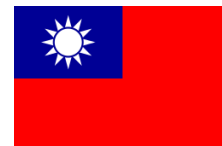
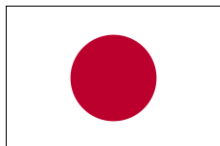
The integration of emerging technologies and novel methodologies in biomedical treatment has led to groundbreaking advancements in disease diagnosis, treatment, and prevention. Cancer, once considered an incurable disease, has seen significant breakthroughs in research and treatment strategies. This makes the Biomedical Technology Innovation and Treatment workshop a crucial platform for academic exchange and technological collaboration.

Today, we come together to explore/discuss in depth the latest advancements and challenges in cancer research within the field of biomedical treatment and to collectively consider innovations in biomedical technology. Future developments are expected to continue driving transformation in the healthcare sector and enhancing global public health.

This workshop is not only an academic forum but also a key initiative to foster cross-disciplinary collaboration and strengthen academic and research efforts. The Science and Technology Division of Taipei Economic and Cultural Representative Office in Japan (STD TECRO) is preparing for bilateral scientific and technological activities, co-organizing this workshop in partnership with National Cancer Center Hospital (NCCH), Taipei Veterans General Hospital (TVGH), and National Yang-Ming Chiao-Tung University (NYCU), with support from TECRO in Japan. The event will take place on April 3 at NCCH, with special thanks to NCCH for its generous support in providing the venue. The workshop is co-organized by Taiwan-Japan bilateral planners Dr. Kenichi NAKAMURA (NCCH), Dr. Yi-Jen CHEN (TVGH/NYCU), Dr. Muh-Hwa YANG (TVGH/NCYU), and Dr. Yu-Han TSOU (STD TECRO).

We encourage all participants to actively engage in discussions, share insights, and collectively advance biomedical treatment technologies, contributing to the improvement of human health.



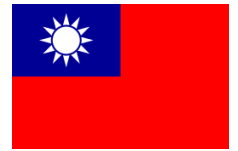
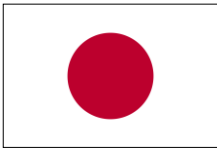


## Schedule

Date: April 3 2025

Venue: NCC Conference Room 6A/6B (on the 6th floor of the Research Building)  
(5-1-1 Tsukiji, Chuo-ku, Tokyo 104-0045)

Time (JST)	Activities
13:00-13:30 (30 min)	Registration
<b>Opening remarks</b>	
Moderator: Dr. Yu-Han TSOU, Senior Advisor and General Director, STD TECRO	
13:30-13:50 (20 min)	Dr. Yi-Yang LEE, Representative, TECRO
	Dr. Hiroyuki MANO, President, NCC
	Dr. Ling-Ming TSENG (online video), Vice Superintendent, TVGH
	Group Photo (MC announces)
<b>Keynote speakers (25 min speech and 5 min Q&amp;A)</b>	
Moderator: Dr. Kenichi NAKAMURA, Chief, Department of International Clinical Development, NCCH	
13:50-14:20	Dr. Michinari HAMAGUCHI, Director General, SCARDA, AMED <i>Covid-19: what we experienced, what we learned and what we might experience</i>
14:20-14:30	10 min break time
14:30-15:00	Dr. Hiroyuki MANO, President, NCC <i>National Platform for Cancer Genomic Medicine in Japan</i>
15:00-15:30	Dr. Muh-Hwa YANG, Vice President, NYCU / Director, Department of Oncology, TVGH <i>Unraveling the Dynamic Host-Tumor Cell Interactions During Cancer Progression</i>
15:30-15:40	10 min break time
<b>Invited speakers (15 min speech and 5 min Q&amp;A)</b>	
Moderator: Dr. Muh-Hwa YANG, Vice President, NYCU / Director, Department of Oncology, TVGH	
15:40-16:00	Dr. Norio OHMAGARI, Deputy Director General, NCGM Hospital / Director, Disease Control and Prevention Center, JIHS <i>Japan's R&amp;D preparedness for the next pandemic</i>



16:00-16:20	Dr. Kazuki SUDO, Assistant Chief, Department of Medical Oncology, NCCH <b><i>Clinical and Translational Research for Gynecologic Cancer</i></b>
16:20-16:40	Dr. Yi-Jen CHEN, Director, Department of Obstetrics and Gynecology, TVGH / Director, Department of OBS & GYN, NYCU <b><i>Robotic Surgery and Artificial Intelligence Applications in Gynecologic Cancer</i></b>
16:40-16:50	10 min break time
16:50-17:10	Dr. Yi-Hsiang HUANG, Director, Department of Medical Research, TVGH / Director, Department of Internal Medicine, NYCU <b><i>Translational Research in Immunotherapy for Hepatocellular Carcinoma</i></b>
17:10-17:30	Dr. Chigusa MORIZANE, Assistant Chief, Department of Hepatobiliary and Pancreatic Oncology, NCCH <b><i>Drug development for cholangiocellular carcinoma</i></b>
<b>Closing</b>	
17:30-17:40 (10 min)	Dr. Yasuyuki SETO, Director, NCCH
	Dr. Yi-Jen CHEN, Director, Department of Obstetrics and Gynecology, TVGH / Director, Department of OBS & GYN, NYCU

