

Final Announcement

INTERNATIONAL ACADEMY
FOR ADVANCED ONCOLOGY

IAAO 2025

*The Forefront of Cancer Biology and
Drug Discovery*

2025 August 1 (Fri) 13:00~19:00
August 2 (Sat) 9:00~15:00
@ Toranomon Hills Forum



CHUGAI FOUNDATION
FOR INNOVATIVE DRUG DISCOVERY SCIENCE

The Forefront of Cancer Biology and Drug Discovery

DAY 1: Friday, August 1, 2025 13:00 – 19:00 On-site in Tokyo

Opening Remarks

13:00 **Motoo Ueno**, President, Chugai Foundation for Innovative Drug Discovery Science (C-FINDs)

Introduction

13:05 **Bruce A. Chabner, MD**, Professor, Harvard Medical School, USA

1. Special Lecture

13:10 **The Genetic Code and Secreted Proteins**

Speaker: **Gary Ruvkun, PhD**, Professor, Harvard Medical School, USA

Chair: **Bruce A. Chabner, MD**, Professor, Harvard Medical School, USA

14:10 **Break**

2. Cancer Plasticity and Senescence

14:25 **Retrotransposable Elements and Human Endogenous Retroviruses: New Targets for Cancer Intervention and Treating Chronic Inflammation**

Speaker: **Laszlo Radvanyi, PhD**, Professor, University of Toronto, Canada

Chair: **Chikashi Ishioka, MD, PhD**, Director, JR Sendai Hospital, Japan

15:05 **Tumor-Promoting Secretome from Senescent CAFs in the Steatotic Liver Tumor Microenvironment**

Speaker: **Naoko Ohtani, MD, PhD**, Professor, Osaka Metropolitan University, Japan

Chair: **Chikashi Ishioka, MD, PhD**, Director, JR Sendai Hospital, Japan

15:45 **Break**

3. Initiatives Targeting Tumor Drivers and Drug Resistance

16:00 **Targeting the Cell Cycle in Cancer Therapy**

Speaker: **Marcos Malumbres, PhD**, ICREA Research Professor, Vall d'Hebron Institute of Oncology, Spain

Chair: **Josep Tabernero, MD, PhD**, Director, Vall d'Hebron Institute of Oncology, Spain

16:40 **An Omics Approach to Drug Discovery**

Speaker: **Liron Bar-Peled, PhD**, Associate Professor, Harvard Medical School, USA

Chair: **Josep Tabernero, MD, PhD**, Director, Vall d'Hebron Institute of Oncology, Spain

17:20 **In Search of Precision Medicine for Brain Metastases: From Bench to Bedside (and Back to Bench)**

Speaker: **Priscilla Brastianos, MD**, Associate Professor, Harvard Medical School, USA

Chair: **Masakazu Toi, MD, PhD**, Director, Tokyo Metropolitan Komagome Hospital, Japan

18:00 **Overcoming Resistance to FGFR Inhibition in FGFR2-Rearranged Cholangiocarcinoma**

Speaker: **Lipika Goyal, MD**, Associate Professor, Stanford Cancer Center, USA

Chair: **Masakazu Toi, MD, PhD**, Director, Tokyo Metropolitan Komagome Hospital, Japan

18:40 **Announcement (C-FINDs)**

19:00 **Networking Dinner**

DAY 2: Saturday, August 2, 2025 9:00 – 15:00 On-site in Tokyo

4. Early Detection and Diagnosis

- 9:00 **2025: The Digital Pathology Odyssey Continues**
Speaker: **Inti Zlobec, PhD**, Professor, University of Bern, Switzerland
Chair: **Hitoshi Nakagama, MD, D.M.Sc**, President, The Japan Agency for Medical Research and Development, Japan
- 9:40 **Redefining Early Cancer Detection: Novel CRISPR Tools Meet Next-Generation Biospecimens**
Speaker: **Cesar M. Castro, MD**, Associate Professor, Harvard Medical School, USA
Chair: **Hitoshi Nakagama, MD, D.M.Sc**, President, The Japan Agency for Medical Research and Development, Japan
- 10:20 **Data-Driven Integration of Histopathology and Genomics for Precision Oncology**
Speaker: **Shumpei Ishikawa, MD, PhD**, Professor, The University of Tokyo, Japan
Chair: **Hitoshi Nakagama, MD, D.M.Sc**, President, The Japan Agency for Medical Research and Development, Japan
- 11:00 **Break**

5. Novel Approaches in Cancer Immunotherapy

- 11:10 **Developing CAR-T Cell Therapy to Eradicate Oncogene-Driven Drug Tolerant Persister Cells**
Speaker: **David Barbie, MD**, Jane Rodgers Chair, Dana-Farber Cancer Institute, USA
Chair: **Hiroyoshi Nishikawa, MD, PhD**, Professor, Kyoto University, Japan
- 11:50 **Engineered and Adjuvant Enhancements of CAR-T Cell Effector Functions**
Speaker: **Avery Posey, PhD**, Assistant Professor, University of Pennsylvania, USA
Chair: **Hiroyoshi Nishikawa, MD, PhD**, Professor, Kyoto University, Japan
- 12:30 **Lunch/ Advisory Board Meeting**

6. Breakthrough Technology Session: Innovative Drug Discovery Technologies

- 13:20 **Dendritic-T Cell Crosstalk in Shaping Immunotherapy Responses**
Speaker: **Rony Dahan, PhD**, The Rina Gudinski Career Development Chair, Weizmann Institute of Science, Israel
Chair: **Kiyohiko Hatake, MD, PhD**, Professor, Akasaka Sanno Medical Center, Japan
- 14:00 **Shaping the Future of Cancer Care: Chugai's Cutting-Edge Technologies**
Speaker: **Tomoyuki Igawa, PhD**, Associate Vice President, Chugai Pharmaceutical Co., Ltd.
Chair: **Kiyohiko Hatake, MD, PhD**, Professor, Akasaka Sanno Medical Center, Japan

Closing Remarks

- 14:40 **Hiroyuki Mano, MD, PhD**, President, National Cancer Center, Japan

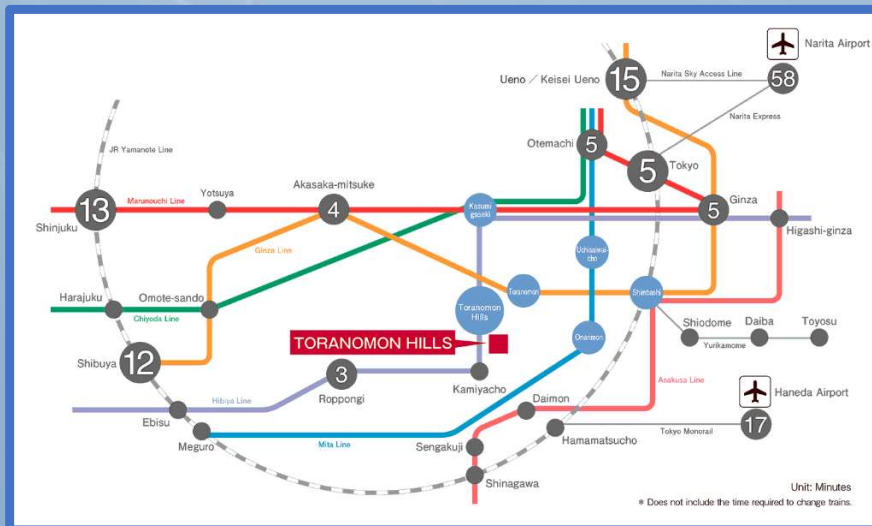
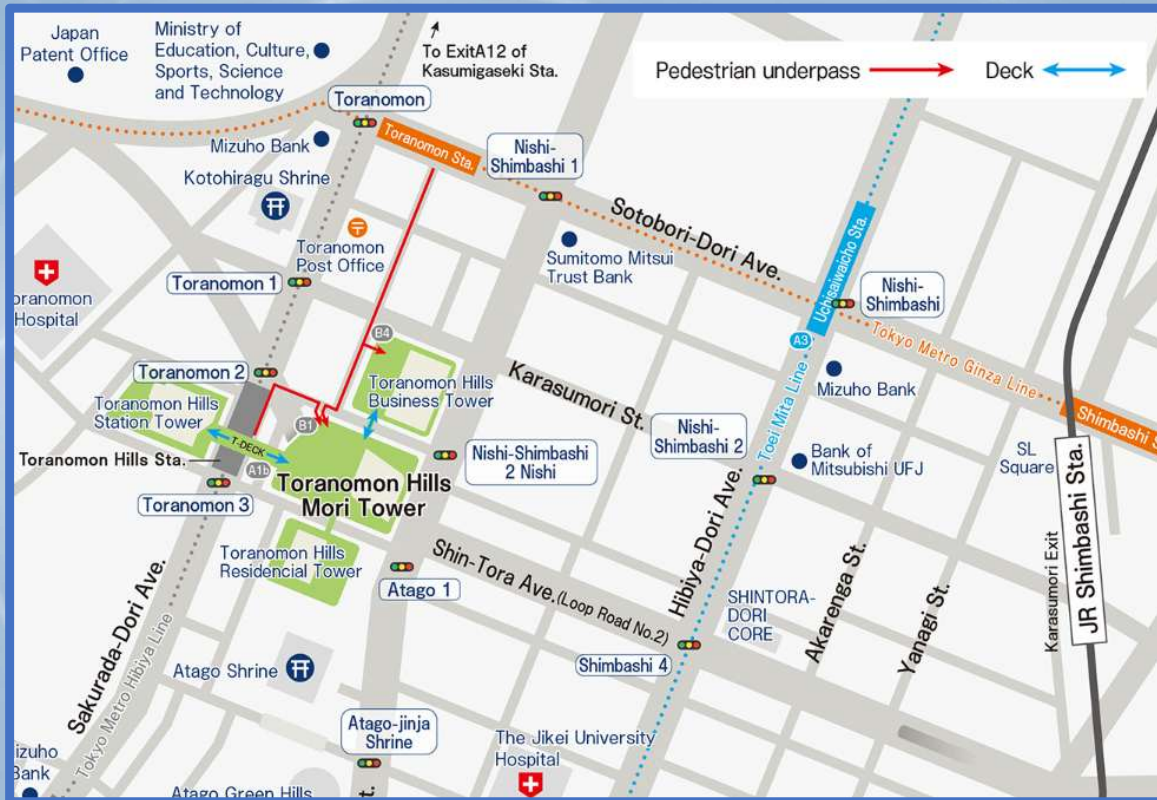
Registration opens at 12pm on August 1

Official language: English
Dress code: Business Casual

Access Map

Venue: Toranomon Hills Forum

5F, Toranomon Hills Mori Tower, 1 Chome-23-1 Toranomon,
Minato City, Tokyo 105-6390



11-minute walk from the
Karasumoriguchi
Exit of Shimbashi Stn.

Subway:
Hibiya Line
Toranomon Hills Stn
1. B1 Exit
2. A1b Exit

Ginza Line
Toranomon Stn
1. B1 Exit
2. B4 Exit



Chugai Foundation for Innovative Drug Discovery Science

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