

Program

**I**NTERNATIONAL **A**CADEMY  
FOR **A**DVANCED **O**NCOLOGY

# IAAO

## 2023

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*Frontiers in Cancer Eradication:  
From Basic to Novel Approaches*

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2023 July 28 (Fri) 13:20 – 18:05  
July 29 (Sat) 9:00 – 15:00  
@ Roppongi-Academyhills 49



**C-FINDs**

**CHUGAI FOUNDATION**  
FOR INNOVATIVE DRUG DISCOVERY SCIENCE

# Frontiers in Cancer Eradication: From Basic to Novel Approaches

DAY 1: Friday, July 28, 2023 13:20 – 18:05 On-site in Tokyo

## Opening Remarks

13:20 **Motoo Ueno**, President, Chugai Foundation for Innovative Drug Discovery Science (C-FINDs)

## 1. Keynote Lecture

13:25 **The Intersection of Chemotherapy and Immunotherapy: 5-Azacytidine**  
Speaker: **Bruce A. Chabner, MD**, Professor, Harvard Medical School, USA  
Chair/Moderator: **Kohei Miyazono, MD, PhD**, Distinguished Professor, The University of Tokyo, Japan

## 2. Progress in Antibody-Drug Conjugates

14:05 **Research and Development of Novel ADC Technology, DXd ADC**  
Speaker: **Takashi Kagari, PhD**, Vice President, Discovery Research Laboratories I, Daiichi Sankyo Co., Ltd., Japan  
Chair/Moderator: **Masakazu Toi, MD, PhD**, Director, Tokyo Metropolitan Komagome Hospital, Japan

14:45 **Biomarkers Predicting Response to Antibody Drug Conjugates: Should We Focus on the Target Antigens?**  
Speaker: **Giuseppe Curigliano, MD, PhD**, Professor, University of Milan, Italy  
Chair/Moderator: **Masakazu Toi, MD, PhD**, Director, Tokyo Metropolitan Komagome Hospital, Japan

15:25 **Break**

## 3. Molecular Targeting Therapy: Challenges in Control of the MAPK/ERK Pathway

15:45 **Mechanisms Driving Evolution of TKI-Resistance in Non-Small Cell Lung Cancer**  
Speaker: **Aaron Hata, MD, PhD**, Assistant Professor, Medicine, Harvard Medical School, USA  
Chair/Moderator: **Hiroyuki Mano, MD, PhD**, Director, National Cancer Center Research Institute, Japan

16:25 **Splicing Vulnerability in RAS Q61 Mutant Cancers**  
Speaker: **Yoshihisa Kobayashi, MD, PhD**, Staff Scientist, Div. Molecular Pathology, National Cancer Center Research Institute, Japan  
Chair/Moderator: **Hiroyuki Mano, MD, PhD**, Director, National Cancer Center Research Institute, Japan

17:05 **Break**

## 4. Special Session

17:25 **New Immunotherapy Approaches for Microsatellite Stable (MSS) Colorectal Cancer**  
Speaker: **Josep Tabernero, MD, PhD**, Director, Vall d'Hebron Institute of Oncology, Spain  
Chair/Moderator: **Yuko Kitagawa, MD, PhD**, Professor, Keio University, Japan

18:05 **Announcement (C-FINDs)**

18:25 **Networking Dinner**

Official language: English  
Dress code: Business Casual

## DAY 2: Saturday, July 29, 2023 9:00 – 15:00 On-site in Tokyo

### 5. Deepening the Understanding of Cancer and Immunity

- 9:00 **Integrating Systems Immunology with Metabolism and Cancer**  
Speaker: **Hongbo Chi, PhD**, Professor, St. Jude Children's Research Hospital, USA  
Chair/Moderator: **Hiroyoshi Nishikawa, MD, PhD**, Chief, Div. Cancer Immunology, National Cancer Center, Japan
- 9:40 **Gamma Delta T Cells Offer a Conserved Mechanism that Discriminates Cancer Cell Pathology from Healthy Cell Physiology**  
Speaker: **Adrian Hayday, PhD**, Professor, King's College London, UK  
Chair/Moderator: **Hiroyoshi Nishikawa, MD, PhD**, Chief, Div. Cancer Immunology, National Cancer Center, Japan
- 10:20 **Break**

### 6. Cancer Genomics & Biology: Basics & Applications

- 10:35 **Evolutionary Histories of Breast Cancer and Related Clones**  
Speaker: **Seishi Ogawa, MD, PhD**, Professor, Kyoto University, Japan  
Chair/Moderator: **Chikashi Ishioka, MD, PhD**, Professor, Tohoku University, Japan
- 11:15 **WNK1 Signaling Regulates Amino Acid Transport and mTORC1 Activity to Sustain AML Growth**  
Speaker: **Kristian Helin, PhD**, Professor, The Institute of Cancer Research, London, UK  
Chair/Moderator: **Chikashi Ishioka, MD, PhD**, Professor, Tohoku University, Japan
- 11:55 **Lunch/ Advisory Board Meeting**

### 7. Breakthrough Technology 1: Single Cell Analysis

- 12:50 **Dissecting Human Gliomas by Single-Cell Genomics**  
Speaker: **Mario L. Suvà, MD, PhD**, Associate Professor, Pathology, Harvard Medical School, USA  
Chair/Moderator: **Hitoshi Nakagama, MD, PhD**, President, National Cancer Center, Japan

### 8. Breakthrough Technology 2: Application of CAR-T

- 13:30 **CAR-T Cell Therapies in Solid Tumors**  
Speaker: **Benjamin Rengstl, MD, PhD**, Director, Immunoreceptor Therapy, BioNTech SE, Germany  
Chair/Moderator: **Kiyohiko Hatake, MD, PhD**, Professor, Akasaka Sanno Medical Center, Japan
- 14:10 **Drivers in CAR-T Cell Therapy**  
Speaker: **Marcela V. Maus, MD, PhD**, Assistant Professor, Medicine, Harvard Medical School, USA  
Chair/Moderator: **Kiyohiko Hatake, MD, PhD**, Professor, Akasaka Sanno Medical Center, Japan

### Closing Remarks

- 14:50 **Hiroyuki Mano, MD, PhD**, Director, National Cancer Center Research Institute, Japan

