Program

INTERNATIONAL A CADEMY FOR ADVANCED ONCOLOGY

IAAO 2023

Frontiers in Cancer Eradication: From Basic to Novel Approaches

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



CHUGAI FOUNDATION FOR INNOVATIVE DRUG DISCOVERY SCIENCE

Frontiers in Cancer Eradication: From Basic to Novel Approaches

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

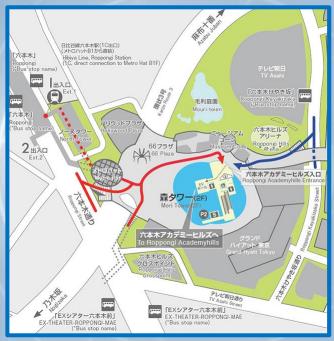
Closing Remarks

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

Access Map

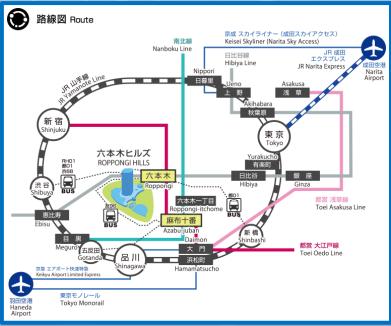
Place: Roppongi Academyhills

49F, Roppongi Hills Mori Tower, 6-10-1 Roppongi, Minato-ku, Tokyo 106-6149



Subway:

Tokyo Metro Hibiya Line Roppongi Station / 3 min. walk from Exit 1C (Direct link to concourse) Toei Subway Oedo Line Roppongi Station / 6 min. walk from Exit 3





Chugai Foundation for Innovative Drug Discovery Science

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