

2nd AACR-KCA Joint Conference on Precision Medicine in Solid Tumors

(KST) November 11–12, 2021 / (EST) November 10–11, 2021

In-Person & Virtual

PROGRAM COMMITTEE COCHAIRS:

Dong-Wan Kim, Seoul National University Hospital, Seoul, Korea
William C. Hahn, Dana-Farber Cancer Institute, Boston, MA

PROGRAM COMMITTEE:

Peter K. Jackson, Stanford University, Stanford, CA, USA
Carla F. Kim, Boston Children's Hospital, Boston, MA, USA
Eui-Cheol Shin, Korea Advanced Institute of Science and Technology, Daejeon, Korea
Jeeyun Lee, Sungkyunkwan University School of Medicine, Suwon, Korea
Kyo Young Song, The Catholic University of Korea College of Medicine, Seoul, Korea
Tae Min Kim (Secretary General), Seoul National University College of Medicine, Seoul, Korea

Abstract Review Committee Members (KCA)

Hyo Sup Shim, Yonsei University College of Medicine
Jung Kyoon Choi, Korea Advanced Institute of Science and Technology
Sae Byeol Choi, Korea University College of Medicine
Sung Ho Moon, National Cancer Center
+ Program Committee Members (Eui-Cheol Shin, Jeeyun Lee, Kyo Young Song)

(KST) THURSDAY, NOVEMBER 11 / (EST) WEDNESDAY, NOVEMBER 10

Opening Remarks & Keynote Lecture

08:00-08:40 KST / [18:00-18:40 EST](#)

Room A

Progress in targeting KRAS directly

Frank McCormick, UCSF Helen Diller Family Comprehensive Cancer Center, San Francisco, CA, USA

Break

08:40-09:00 KST / [18:40-19:00 EST](#)

Educational Session: New Insights for Clinical Trials in IO Era

09:00-10:40 KST / [19:00-20:40 EST](#)

Room A

Immunotherapy for melanoma: Checkpoint blockade combinations

Jedd D. Wolchok, Memorial Sloan Kettering Cancer Center, New York, NY, USA

Next generation immunotherapy beyond anti-PD-1 and CTLA4

Myung-Ju Ahn, Sungkyunkwan University School of Medicine, Suwon, Korea

Academic clinical trials of CAR T cell therapy for cancer

Marcela V. Maus, Harvard Medical School, Boston, MA, USA

Title to be announced

Seock-Ah Im, Seoul National University College of Medicine, Seoul, Korea

Break

10:40-11:00 KST / [20:40-21:00 EST](#)

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Session 1: Proteogenomics

11:00-12:40 KST / [21:00-22:40 EST](#)

Room A

Mobilization of LINE-1 retrotransposons in colorectal epithelium

Young Seok Ju, Korea Advanced Institute of Science and Technology, Daejeon, Korea

Systematic elucidation and pharmacological targeting of non-oncogene dependencies in single cells

Andrea Califano, Columbia University, New York, NY, USA

Gastric cancer proteogenomics

Daehee Hwang, Seoul National University College of Natural Sciences, Seoul, Korea

Lunch Break

12:40-13:10 KST / [22:40-23:10 EST](#)

Satellite Symposium 01 - ONO/BMS

13:10-14:10 KST / [23:10-00:10 EST](#)

Room A

Satellite Symposium 02 – MSD

13:10-13:30 KST / [23:10-23:30 EST](#)

Room B

Satellite Symposium 03 – Illumina

13:30-13:50 KST / [23:30-23:50 EST](#)

Room B

Satellite Symposium 04 – Bayer

13:50-14:10 KST / [23:50-00:10 EST](#)

Room B

Break

14:10-14:30 KST / [00:10-00:30 EST](#)

Proffered Papers Sessions 1 and 2

14:30-15:30 KST / [00:30-01:30 EST](#)

Rooms A and B

Break

15:30-15:50 KST / [01:30-01:50 EST](#)

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KCA Symposium 1: Neoadjuvant Treatment and Conversion Surgery [KOR]

15:50-17:05 KST / [01:50-03:05 EST](#)

Room A

KCA Symposium 2: AI in Cancer Research [KOR]

15:50-17:05 KST / [01:50-03:05 EST](#)

Room B

(KST) FRIDAY, NOVEMBER 12 / (EST) THURSDAY, NOVEMBER 11

Waun Ki Hong Memorial Lecture

08:00-08:30 KST / [18:00-18:30 EST](#)

Room A

Tumor microenvironment: Challenges and opportunities

Gou Young Koh, Korea Advanced Institute of Science and Technology, Daejeon, Korea

Break

08:30-08:50 KST / [18:30-18:50 EST](#)

Session 2: Preclinical Models

08:50-10:30 KST / [18:50-20:30 EST](#)

Room A

Using a cancer dependency map

William C. Hahn, Dana-Farber Cancer Institute, Boston, MA, USA

Creation of tumor assembloids recapitulating epithelial-stromal interaction in human cancers: Role of Foxa1-Hedgehog-Bmp axis in tumor plasticity

Kunyoo Shin, Pohang University of Science and Technology, Pohang, Korea

Organoid modeling of lung disease and lung cancer

Carla F. Kim, Boston Children's Hospital, Boston, MA, USA

The cooperation of YAP and AP-1 in ductal cell-derived pancreatic cancer development

Dae-Sik Lim, Korea Advanced Institute of Science and Technology, Daejeon, Korea

Session 3: Precision Medicine in Immuno-Oncology

08:50-10:30 KST / [18:50-20:30 EST](#)

Room B

Updates and advances in personalized cancer vaccines

Catherine J. Wu, Dana-Farber Cancer Institute, Boston, MA

TCR-seq analysis in anti-PD-1-treated patients

Eui-Cheol Shin, Korea Advanced Institute of Science and Technology, Daejeon, Korea

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<p>Defining the actionable genome David B. Solit, Memorial Sloan Kettering Cancer Center, New York, NY</p> <p>Updates in Gastric Cancer Immunogenomics Jeeyun Lee, Sungkyunkwan University School of Medicine, Suwon, Korea</p>
<p>Break 10:30-10:50 KST / 20:30-20:50 EST</p>
<p>Session 4: Targeting the RAS Pathway 10:50-12:30 KST / 20:50-22:30 EST Room A</p> <p>Acquired resistance to KRAS G12C Inhibition Andrew J. Aguirre, Dana-Farber Cancer Institute, Boston, MA, USA</p> <p>Resistance mechanism and overcome strategy to Raf inhibitor belvarafenib Tae Won Kim, University of Ulsan College of Medicine, Seoul, Korea</p> <p>Discovering and deploying chemical strategies to drug KRAS: The formerly undruggable oncogene Kevan Shokat, University of California San Francisco, San Francisco, CA, USA</p> <p>Novel route to control KRAS-driven cancers Sunghoon Kim, Yonsei University College of Pharmacy, Seoul, Korea</p>
<p>Session 5: Novel Discoveries in Drug Screening 10:50-12:30 KST / 20:50-22:30 EST Room B</p> <p>The discovery of context-specific paralog dependence in cancer through combinatorial CRISPR screens William R. Sellers, Broad Institute of MIT and Harvard, Cambridge, MA, USA</p> <p>Title to be announced Jae-Ho Cheong, Yonsei University College of Medicine, Seoul, Korea</p> <p>Accelerating inhibitor discovery to functionally annotate deubiquitinating enzymes Sara J. Buhrlage, Dana-Farber Cancer Institute, Boston, MA, USA</p> <p>Microfabricated assays to investigate tumor microenvironment Seok Chung, Korea University, Seoul, Korea</p>
<p>Closing Remarks 12:30-12:40 KST / 22:30-22:40 EST Room A</p>
<p>Break 12:40-13:10 KST / 22:40-23:10 EST</p>

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Satellite Symposium 05 – Pfizer 13:10-13:30 KST / 23:10-23:30 EST Room A
Satellite Symposium 06 – Lilly 13:10-13:30 KST / 23:10-23:30 EST Room B
Satellite Symposium 07 – AstraZeneca 13:30-13:50 KST / 23:30-23:50 EST Room A
Satellite Symposium 08 – Roche 13:30-13:50 KST / 23:30-23:50 EST Room B
Satellite Symposium 09 – Yuhan 13:50-14:10 KST / 23:50-00:10 EST Room A
Satellite Symposium 10 – Servier 13:50-14:10 KST / 23:50-00:10 EST Room B
Break 14:10-14:30 KST / 00:10-00:30 EST
KCA Symposium 3: Practical Issues in AYA Oncology [KOR] 14:30-15:30 KST / 00:30-01:30 EST Room A
KCA Symposium 4: Next-generation Targeted Therapy [KOR] 14:30-15:30 KST / 00:30-01:30 EST Room B
Break 15:30-15:50 KST / 01:30-01:50 EST
KCA Symposium 5: Precision Medicine Based on Molecular Tumor Board [KOR] 15:50-17:05 KST / 01:50-03:05 EST Room A

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KCA Symposium 6: Trials in Radiation Oncology [KOR]

15:50-17:05 KST / [01:50-03:05 EST](#)

Room B