THE FUTURE OF PRECISION CANCER MEDICINE

DECEMBER 13, 2018
MIT Samberg Conference Center, 7th Floor
50 Memorial Dr, Cambridge, MA 02142

AGENDA

8:00 am    Registration and Breakfast
8:45 am    OPENING REMARKS
            Michael Yaffe, MD, PhD | MIT’s Koch Institute
9:00 am    KEYNOTE ADDRESS
            Charles L. Sawyers, MD | Memorial Sloan Kettering Cancer Center
            Lineage Plasticity in Prostate Cancer
9:45 am    Alice T. Shaw, MD, PhD | Massachusetts General Hospital
            Evolution of Drug Resistance in Oncogene-Driven Lung Cancer
10:25 am   Networking Break
10:45 am   Richard Marais, PhD | Cancer Research UK, Manchester Institute
            Precision Medicine in Melanoma: Are We There Yet?
11:25 am   Matthew Vander Heiden, MD, PhD | MIT’s Koch Institute
            Targeting Metabolism in Cancer
12:05 pm   Box Lunch Pickup

12:30 pm   INDUSTRY PANEL
            Barriers to Instituting Precision Medicine Into Clinical Trials
            Moderator
            Angela Koehler, PhD | MIT’s Koch Institute
            Panelists
            Peter Hammerman, MD, PhD | Novartis Institutes for BioMedical Research
            Steffan N. Ho, MD, PhD | Pfizer
            Shiva Malek, PhD | Genentech, Inc.
            Kevin Marks, PhD | Agios Pharmaceuticals
            S. Michael Rothenberg, MD, PhD | Loxo Oncology, Inc.
2:00 pm    J. Christopher Love, PhD | MIT’s Koch Institute
            Advancing Technologies for Discovery and Production in Precision Medicine
2:40 pm    Andrea Califano, PhD | Columbia University
            A Mechanistic Framework for the Systematic Pharmacological Targeting of Non-Oncogene Dependencies: Towards a More “Precise” Implementation of Precision Oncology
3:20 pm    Networking Break
3:40 pm    Jean Zhao, PhD | Dana-Farber Cancer Institute
            Integrating Immunotherapy and Targeted Therapies in Cancer Treatment: From Mouse Models to Human Therapies
4:20 pm    Kenna Mills Shaw, PhD | MD Anderson Cancer Center
            Precision Cancer Medicine: Neither Silver Bullet Nor an Illusion
5:00 pm    Michael Yaffe, MD, PhD | MIT’s Koch Institute
            Using Systems Biology of Mitotic and DNA-damage Signaling to Improve Cancer Treatment