Agenda

Yale SPORE in Lung Cancer (YSILC) CEP & DRP Symposium

Friday, April 30, 2021, 11:00 a.m. - 3:00 p.m.

Online: https://yale.zoom.us/j/2037654321
One click: 203-432-9666,,2037654321#
By phone: 203-432-9666 or (646) 558-8656, Meeting ID: 203 765 4321
Password: 7654321

2019 and 2020 YSILC Career Enhancement (CEP) and Developmental Research (DRP) Programs award recipients will present their research progress.

Hosted by
Roy S. Herbst, MD, PhD, YSILC Principal Investigator, Developmental Research Program (DRP) Director
Karen Anderson, PhD, YSILC Developmental Research Program (DRP) Co-Director
Harriet Kluger, MD, YSILC Career Enhancement Program (CEP) Director
Patricia LoRusso, DO, YSILC Career Enhancement Program (CEP) Co-Director
Edward Kaftan, PhD, YSILC Administrative (Core A) Director

11:00 Welcome, Update on The Yale SPORE in Lung Cancer & Introduction of the YSILC CEP & DRP
Roy Herbst, MD, PhD & Edward Kaftan, PhD

-- Session 1 -- Moderators: Lieping Chen, MD, PhD; Harriet Kluger, MD

11:10 Production of unselected TIL for adoptive cell therapy in NSCLC
Michael Hurwitz, MD, PhD

11:25 Overcoming resistance to immune checkpoint inhibition by co-targeting the innate and adaptive immune systems in NSCLC
Sarah Weiss, MD

11:40 Impact of HIV on tumor immune evasion in the lung
Kurt Schalper, MD, PhD; Brinda Emu, MD

11:55 Exploring Acquired Resistance to Immunotherapy in SCLC
Anne Chiang, MD, PhD; Katerina Politi, PhD

12:10 Investigating T and B cell responses against lung cancer in genetically-engineered animal models
Nik Joshi, PhD; Joseph Craft, PhD

-- Session 2 -- Moderators: Patricia LoRusso, DO; Kurt Schalper, MD PhD,

12:25 Combined AURKA and WEE1 targeting inhibits a druggable effector pathway in KRAS mutant lung carcinoma
Jong Woo Lee, PhD; Barbara Burtness, MD

12:40 Development of TLK2 inhibitors to treat KRAS-driven lung cancer
David Calderwood, PhD; Benjamin Turk, PhD
12:55  ****BREAK****

1:10  Probing the Role of the Supermutator, APOBEC3B, in Lung Cancer
Karen Anderson, PhD; Jeffrey Townsend, PhD  DRP 2020

1:25  Role of RNA splicing in lung cancer growth and therapy resistance
Luisa Escobar-Hoyos, PhD  CEP 2020

-- Session 3 -- Moderators: Karen Anderson, PhD; Katerina Politi, PhD

1:40  Target validation and proof-of-concept for MERTK inhibition in preclinical models of lung cancer
Carla Rothlin, PhD; Sourav Ghosh, PhD  DRP 2020

1:55  Gene-environment interactions in lung adenocarcinoma development
Mandar Muzumdar, MD  CEP 2019

2:10  Novel epigenetic mechanism in TKI-resistant lung cancer
Andrew Xiao, PhD, Rebecca Starble  DRP 2019

2:25  Understanding the Mechanism of the ‘Obesity Paradox’ in Lung Cancer
Rachel Perry, PhD  CEP 2020

2:40  Imaging Based Biomarkers for Non-Small Cell Lung Cancer
Sanjay Aneja, MD  CEP 2020

2:55  Closing Remarks