



HCC CANCER CELL BIOLOGY SYMPOSIUM

March 16, 2026, 9:00 a.m.-5:00 p.m., Yawkey 306/307

9:00-9:05

Opening comments, *Kornelia Polyak*

Session 1 (Marcia Haigis, Chair)

9:05-9:35

Chromatin and metabolism crosstalk in cancer and aging, *Raul Mostoslavsky*

9:35-10:05

Drivers of CD8+ T cell dysregulation in the aged tumor microenvironment
Debattama (Deb) Sen

10:05-10:35

Nuclear degeneration in aging and cancer
Zhixun Dou

10:35-11:05

Investigating metabolism in cancer and aging
Marcia Haigis

11:05-11:15

Coffee break

11:15-11:45

Dissecting physiological roles of chromatin modifications in tissue homeostasis and cancer using histone mutant tools
Konrad Hochedlinger

11:45-12:00

Short talk: Evaluating Qa-1b as a mechanism of age-related immunosuppression in TNBC
Morgan Glass

12:00-12:15

Short talk: Metabolic reprogramming of CD8+ T cells with aging impairs anti-tumor immunity
James SeongJun Han

12:15-12:30

Short talk: The intersection between frailty and unmet health-related social needs: establishing the complex frailty paradigm
Nadine Jackson

12:30-1:00

Programming and reprogramming stem cells in aging and cancer biology
Amy Wagers

1:00-1:30

Lunch

Session 2 (Raul Mostoslavsky, Chair)

1:30-2:00

Regulation of the immune response to glioblastoma
Francisco Quintana

2:00-2:15

Short talk: Role of EHF in regulating B cell checkpoint molecule TIM-1 and development of CD11c⁺TIM1⁺ age-associated B cells
Yoon-Chul Kye

2:15-2:30

Short talk: Telomere attrition influences clonal selection and cancer in aging hematopoietic cells
Matthew McLoughlin

2:30-3:00

Metabolic changes and their influence on age related cancer
Matthew Vander Heiden

3:00-3:05

Pathfinder Showcase
Lee Nadler

3:05-3:30

Coffee Break

3:30-4:00

The impact of age on mammary tumor initiation and immune environment
Kornelia Polyak

4:00-4:10

Concluding remarks
Raul Mostoslavsky

4:10-5:00

Reception