

2025 LUDWIG CENTER AT HARVARD RETREAT AGENDA

Monday, November 24, 2025

8:00 am – 6:00 pm

Joseph B Martin Conference Center at Harvard Medical School

77 Avenue Louis Pasteur, Boston, MA

8:00 – 8:30	Breakfast and Networking (LOBBY)
8:30 – 11:30 <i>Auditorium</i>	Welcome Speed Talks, session I <ul style="list-style-type: none">• TME – lessons from imaging• Additional approaches to understand biology through imaging• Immune Escape <p>10:00 – 10:15 BIOBREAK</p> Speed Talks, session II <ul style="list-style-type: none">• A broader look at microenvironment
11:30 – Noon	LUNCH ROTUNDA ROOM (3rd Floor)
Noon – 1:30	POSTERS LOBBY (Ground floor)
1:30 – 4:15 <i>Auditorium</i>	Speed Talks, session III <ul style="list-style-type: none">• Genetic epigenetics events regulating tumor initiation and progression Speed Talks, session IV <ul style="list-style-type: none">• Resistance and residual disease• Academic therapeutic discovery WRAP-UP
4:15– 6:00	HAPPY HOUR AND POSTERS LOBBY (Ground floor)

LUDWIG RETREAT 2025 – DETAILED AGENDA

8:00 – 8:30 Breakfast and Networking - LOBBY

8:30 – 10:00 *Welcome - Joan and George*

Session I - moderator Peter Sorger

TME – lessons from imaging

- Ye Tian, Wucherpennig lab: *Spatial analysis of T cell-mediated immunity in glioblastoma following oncolytic virus treatment*
- Ali Amiyousefi, Sorger/Santagata lab: *Identifying and characterizing immune clusters and tertiary lymphoid structures in solid tumors*

Additional approaches to understand biology through imaging

- Galit Lahav: *Cancer signaling in context: Single-cell responses to therapies across biological models*
- Conor Evans: *Label-free metabolic imaging in cancer*

Immune Escape

- Debolina Garguly, Agudo lab: *Liver metastasis impairs systemic anti-tumor immunity*
- Nelly Polyak: *Immune escape during DCIS-IDC progression*

10:00 – 10:15 BIOBREAK

10:15 – 11:30 **Session II – moderator Marcia Haigis**

Broader look at microenvironment

- Stephanie Dougan: *AI- designed cytokines*
- Hail Ma, Lane lab: *Decoding leukemia-intrinsic determinants that modulate macrophage-mediated phagocytosis*
- Jenny Hogstrom, Muranen lab: *Cancer-associated fibroblast-secreted Succinate stimulates resistance to CDK4/6-inhibitors in HR+ breast cancer*
- Sonu Subudhi, Jain lab: *Reprogramming the tumor microenvironment to improve treatment of brain tumors*
- James Han, Haigis and Sharpe labs: *Investigating the effects of aging on anti-tumor immunity*

11:30 - Noon LUNCH – ROTUNDA ROOM

Noon – 1:30 POSTERS – GROUND FLOOR LOBBY

1:30 – 3:00 **Session III – moderator Steve Elledge**

Genetic epigenetics events regulating tumor initiation and progression

- Ariel Swett, Tothova lab: *Harnessing the “dark genome” for therapeutic targeting in blood cancers*
- Karen Adelman: *Targeting chromatin remodelers in cancer*
- Greg Brunette, Pellman lab: *Genome-scale analysis of repeat polymorphisms identifies vulnerabilities in Ewing sarcoma*
- Tanjina Kader, Santagata/Sorger lab: *Integrative spatial profiling of protein and chromosomal alterations across normal, precancer, and cancer progression*
- Joan Brugge: *Pre-cancer genetic alterations in the breast*
- Kunitoshi Chiba, Elledge lab: *Combinatorial libraries of cancer driver*

3:00 – 4:15 **Session IV – moderator Aaron Hata**

Resistance and residual disease

- Geoff Shapiro: *Epigenetic and miRNA-mediated mechanisms for reversing CDK4/6 inhibitor resistance in ER+ breast cancer*
- Peter van Galen: *Characterizing rare residual leukemia cells after treatment*
- Toshio Fujino, Hata lab: *Elucidating Mechanisms of Cancer Cell Persistence to Lorlatinib in ALK-positive NSCLC*

Academic therapeutic discovery

- Emmalyn Lecky, Toker lab: *Next-gen agents targeting PI3K/AKT*
- Stefan Harry, Bar-Peled lab: *Targeting proteins complexes with COUPLr technology*

WRAP-UP

4:14– 6:00 HAPPY HOUR AND POSTERS – GROUND FLOOR LOBBY