

Combi Seminar

Wednesday, 1.31.24 | Foege Auditorium | 1:30

remote viewing option: <https://depts.washington.edu/gstrestrc/remote.htm>



Dr. Gavin Ha

Fred Hutchinson Cancer Center

<https://gavinhalab.org/>

“Characterizing tumor heterogeneity and evolution in bladder cancer rapid autopsies”

The Ha laboratory is interested in studying the role of genomic alterations in cancer progression and translating this knowledge to expand applications for precision medicine.

We combine research in *two* complementary areas:

1. Develop and apply novel computational methods to comprehensively profile cancer genomes from tumor tissue in large patient cohorts.
2. Develop approaches to exploit liquid biopsies, such as circulating cell-free DNA from blood plasma, for studying cancer.

We leverage insights from the analysis of tumor genomes to inform the design of blood-based applications to monitor patient response to treatment. Our goals are to uncover mechanisms of treatment resistance, to identify blood-based genetic biomarkers, and to translate these findings to help improve clinical decisions. We are actively engaged in collaborations with research and clinical colleagues, including at [Fred Hutchinson Cancer Center](#), [UW Medicine](#), and [Dana-Farber Cancer Institute](#) to study different tumor types.

Questions? Contact Brian Giebel at bgiebel@uw.edu or visit the Combi website at <http://www.gs.washington.edu/news/combi.htm>

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