Genome Sciences Seminar

Wednesday, 3.6.24 | 3:30 | Foege Auditorium
remote viewing option: https://depts.washington.edu/gsrestrc/remote.htm

Dr. Ashley Laughney
Assistant Professor
Weill Cornell Medicine
https://laughneylab.com/

“Tackling the genotype-to-phenotype problem in cancer evolution”

Using an integrated systems biology approach, the Laughney Lab develops innovative tools that systematically map genome-encoded components to context-dependent cellular and in vivo functions at the protein, cell and multi-cellular level. We apply these emerging techniques to understand how highly pleiotropic regulators can adapt multiple functions (both tumor-suppressive and pro-tumoral) during the evolution of cancer metastasis.