

Blelloch Lab

Research Summary

Our laboratory is interested in determining the molecular mechanisms that regulate stem cell self-renewal, differentiation, and de-differentiation and how these mechanisms become deregulated in cancer. When starting the lab in 2006, we largely focused on the role of post-transcriptional regulators including microRNAs (miRNAs) and RNA binding proteins (RBPs). However, in past five years, we have also added a focus on epigenetic mechanism associated with enhancer control. In addition, we have developed a strong interest in exosomes both as biomarkers and regulators of cancer progression.

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