**TRANSLATIONAL DERMATO-ONCOLOGY**

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**SUMMARY & MISSION STATEMENT**

Our group applies the latest omics tools to translational research questions in order to identify better predictive biomarkers for precision medicine as well as novel targets in late stage melanoma.

**OVERVIEW**

We are interested in using functional genomics tools to understand the evolution of heterogeneity in skin cancer progression. In particular, we apply next-generation sequencing approaches to melanoma and other skin cancers. Some of the online tools we have developed are here [Link](#). With access to one of the largest live-cell melanoma biobanks in the world, we have a unique resource in which to study the functional mechanisms of cellular heterogeneity and how these respond to various therapeutic regimens. More information about the biobank can be found here [Link](#).

**SELECTED CANCER RELATED PUBLICATIONS**


