**Molecular Epidemiology Laboratory**

**Current Research Projects:**

* Genes, Environment, and Melanoma (GEM)
* MSK Pancreatic Cancer Family Registry
* Cognition in older breast cancer survivors: Treatment exposure, APOE & smoking
* Cognition in Older Breast Cancer Survivors: The Role of Allostatic Load
* Aging-related genes, cognitive functions, and amyloid imaging in brain tumor patients
* Validation of the use of whole-genome amplified DNA in a population-based study
* Predictors and impact of post-diagnosis smoking in bladder cancer
* Study of Minimally-Invasive Harvesting Techniques for Mutation and Gene Expression Profiling of Melanocytic Neoplasms
* Cutaneous Melanoma Risk Stratification of Individuals with a High-Risk Nevus Phenotype
* Personalized genomic testing for melanoma: maximizing comprehension and health outcomes in skin cancer patients
* Integration of Clinical and Molecular Biomarkers for Melanoma Survival