Molecular/Ancillary Testing

In collaboration with the Division of Molecular Pathology (http://www.pathology.unc.edu/faculty_labs/gulley_lab/welcome.html) and the Department of Pathology (http://www.pathology.unc.edu), we provide access to an array of specialized testing including:

► PCR Analysis of B-cell (IGH) and T-cell receptor gene rearrangement to assess clonality in lymphoid lesions.

► DNA sequencing to detect KIT gene mutations associated with responsiveness to the tyrosine kinase inhibitor drug imatinib (Gleevec) in patients with melanomas occurring in mucosal, acral, or sun-damaged sites.

► Flow cytometry for hematolymphoid lesions

► Electron microscopy