Currently I am working on Lupus disease in NZB mouse model. I have worked on the development of an optimal tumor vaccine by modifying tumors with combinations of immunostimulatory molecules (b7.1, I-L2and IL-12). I am investigating the efficacy of these tumor vaccines in inducing antitumor immunity using murine mammary tumor cells and melanoma tumor cells as a model for human breast and melanoma cancer.
My expertise includes wide range of biochemical, molecular biology, and immunological techniques.