Description: We have active human subject and animal research projects associated with myositis, Sjögren’s syndrome, systemic lupus erythematosus, rheumatoid arthritis, inflammation, cancer immunology, and exercise science. Our collaborative work in this laboratory has shown a bench-to-bedside scope of research starting with basic scientific discovery, moving to animal models, performing preclinical validation, and advancing to human clinical trials. To date, our research has translated into clinical trials for a patented anti-inflammatory drug (nanoemulsified curcumin) and a novel diagnostic imaging drug for rheumatoid arthritis (Lymphoseek) as well as pilot study to investigate the anti-inflammatory effects of moderate exercise in our lupus patients. In addition, we have a patent currently in the provisional submission/approval stage for a novel therapeutic agent/target in autoimmune disease. We would like to recruit interested, enthusiastic, and passionate undergraduate students to help us in our research endeavors.