



The Wilson Lab in the Department of Biomedical Engineering at the Johns Hopkins University is currently in search of talented lab technician with a passion for science and a strong desire to make a positive impact on human health. The Wilson Lab's research focuses on the synthesis and preclinical validation of biomaterials-based immunomodulatory therapies that bias the adaptive immune response for the treatment of cancer, autoimmunity and infectious diseases.

Responsibilities:

- Synthesis of novel biomaterials via small-molecule and polymer chemistry
- Characterization of novel materials via sophisticated techniques including FT-IF, NMR, LC/MS/MS, UV/Vis, DLS, confocal microscopy, flow cytometry, SEM, and TEM
- Maintain an adequate inventory of supplies, reagents, and materials
- Work closely with and communicate with other lab associates
- Operate, calibrate, and maintain all lab equipment

The successful candidate will be highly motivated and have some experience in small-molecule and/or polymer synthesis and characterization. An undergraduate degree in biomedical engineering, chemical engineering, chemistry, materials science or related disciplines is a prerequisite. The individual will have the opportunity to work with collaborators of the Wilson Lab and will have a unique opportunity to perform highly original, cross-cutting research between immunotherapy and materials development on the Johns Hopkins University School of Medicine. The appointment will be for one year, and could be extended based on performance. Applicants are required to submit a curriculum vitae. For more information on the Wilson Lab and to apply: www.immunoengineeringlab.com.