

In this immunology course, one concept that helped me make a connection to other coursework was learning about the structures of various proteins within the immune system. This semester, I took a biochemistry course where I learned about protein structure and how different subunits come together to form proteins with different functions. Immunology helped me to understand how organization of subunits can contribute to protein function in the immune system. For example, immunoglobulin proteins are tetramers, with two heavy chains and two light chains. The heavy chains help the immunoglobulin attach to the B cell membrane, while the light chains help the protein interact with antigens. This is just one example that helped me make a connection to biochemistry and understand how protein structure contributes to function in the context of the immune system.