

End-of-Term Reflection

Anele Jones

Biomedical Science

BIO 302: Introduction to Immunology

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The Introduction to Immunology course has taught me much about the immune system. Specific to my interest in a career in gynecology, the most useful thing I learned is how the immune system can distinguish between "self" and "non-self" cells. This is crucial to understanding how the immune system acts during pregnancy and how the immune system fights against miscarriage through principal lymphocytes. Before taking the course, I knew the general idea of the immune system, however, I didn't understand how complex it and its processes are. This course has deepened my understanding of immune regulation and provided me with the knowledge needed to make connections between it and reproductive health, specifically autoimmune diseases that can affect the urinary tract, fertility, and pregnancy outcomes. This course will also be helpful in future courses, as my continuing education is outlined by genetics and cell biology courses which use many of the topics highlighted in this one, such as immune system control and protection, differentiation between inherited vs non-inherited diseases, and much more.