

End of Term Reflection

Throughout this semester, we have learned about the fundamentals of immunology that expanded into the intricacies. These precise mechanisms relate to my preferred field of study of medicine by providing a framework for what keeps us alive. More specifically, most cells are marked with specific factors such as proteins that act as a nametag for the other elements in the body. The self-cells of the body have specific proteins on their surface that let the rest of the body know that they belong there and are not a threat to be destroyed. This relates to medicine regarding blood transfusions, tissue, and organ transplants because anything that is non-self that is inserted into the body runs the risk of being attacked by the cytotoxic cells. To attempt to keep the body from attacking these helpful foreign cells is to administer immunosuppressants so that the body is unable to reject these cells.