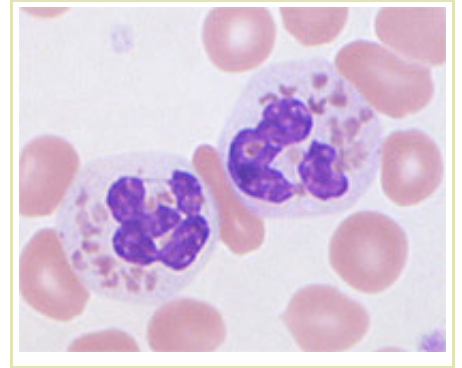


Chediak-Higashi Syndrome

A rare inherited condition called Chediak-Higashi syndrome prevents vesicles from forming properly.

1. Analyze the effects on the immune system of cells not being able to form vesicles. List as many effects as you can.



2. Blood cells are produced in bone marrow. Chediak-Higashi is treated, therefore, with a bone marrow transplant from someone with normal blood cells. Would it be necessary to have the donor "match" the recipient in this case? Why or why not?